Kaliko.ImageLibrary Assembly

Namespaces

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Kaliko.ImageLibrary Namespace

Classes

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<th>Description</th>
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<tr>
<td>🗿 KalikoImage</td>
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</table>

See Also

Reference

Kaliko.ImageLibrary Assembly

This documentation was created using Document! X from Innovasys
Kaliko Image Library

Kaliko Image Class

Members ▸ Collapse All ▸ Language Filter: All

Kaliko.ImageLibrary Namespace : KalikoImage Class

Object Model

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Class KalikoImage

'Usage

Dim instance As KalikoImage
public class KalikoImage
public class KalikoImage
public class KalikoImage
public __gc class KalikoImage
public ref class KalikoImage

Inheritance Hierarchy

System.Object
  Kaliko.ImageLibrary.KalikoImage

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server
2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Members
Kaliko.ImageLibrary Namespace

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

KalikoImage Class Members

Properties  Methods   Collapse All   Members Options: Show All

Kaliko.ImageLibrary Namespace : KalikoImage Class

The following tables list the members exposed by KalikoImage.

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<td>Overloaded.</td>
</tr>
</tbody>
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 Public Properties

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<tr>
<th>Name</th>
<th>Description</th>
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<tbody>
<tr>
<td> BackgroundColor</td>
<td>Color used for background.</td>
</tr>
<tr>
<td> Color</td>
<td>Color used for graphical operations such as writing text on image.</td>
</tr>
<tr>
<td> Height</td>
<td>Image height.</td>
</tr>
<tr>
<td> ImageRatio</td>
<td>Width/height ratio of image.</td>
</tr>
<tr>
<td> IndexedPalette</td>
<td>Check if the current image has an indexed palette.</td>
</tr>
<tr>
<td> IntArray</td>
<td>Int array matching PixelFormat.Format32bppArgb (bgrA in real life)</td>
</tr>
<tr>
<td> IsLandscape</td>
<td>Returns true if image has landscape ratio (wider than high).</td>
</tr>
<tr>
<td> IsPortrait</td>
<td>Returns true if image has portrait ratio (higher than wide).</td>
</tr>
<tr>
<td> IsSquare</td>
<td>Returns true if image has a 1:1 ratio (same width and height).</td>
</tr>
<tr>
<td>Name</td>
<td>Description</td>
</tr>
<tr>
<td>--------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Size</td>
<td>Size of the image</td>
</tr>
<tr>
<td>TextRenderingHint</td>
<td>Rendering mode for text operations.</td>
</tr>
<tr>
<td>Width</td>
<td>Image width.</td>
</tr>
</tbody>
</table>

**Public Methods**

<table>
<thead>
<tr>
<th>Name</th>
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</tr>
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<tr>
<td>ApplyFilter</td>
<td>Apply a filter to the current Image.</td>
</tr>
<tr>
<td>BlitFill</td>
<td>Overloaded. Loads the defined image and use it as a pattern to fill the image (will be tiled if the destination image is larger than the source image).</td>
</tr>
<tr>
<td>BlitImage</td>
<td>Overloaded. Will load an image and place it on the destination image at top left corner.</td>
</tr>
<tr>
<td>Clear</td>
<td>Clear the image and set background image to the specified color.</td>
</tr>
<tr>
<td>Clone</td>
<td>Create a new image as a clone.</td>
</tr>
<tr>
<td>Crop</td>
<td>Crop the image into the given dimensions.</td>
</tr>
<tr>
<td>Destroy</td>
<td></td>
</tr>
<tr>
<td>Dispose</td>
<td>Overloaded.</td>
</tr>
<tr>
<td>GradientFill</td>
<td>Overloaded. Makes a gradient fill top to bottom from one color to another.</td>
</tr>
<tr>
<td>LoadImage</td>
<td>Overloaded. Load an image from local disk</td>
</tr>
<tr>
<td>LoadImageFromUrl</td>
<td>Load an image from an URL</td>
</tr>
<tr>
<td>Resize</td>
<td>Resizes the image without any consideration of the current ratio. If you wish to make a ratio locked resize use Scale Method instead.</td>
</tr>
<tr>
<td>SaveBmp</td>
<td>Overloaded.</td>
</tr>
<tr>
<td>SaveGif</td>
<td>Overloaded.</td>
</tr>
<tr>
<td>SaveImage</td>
<td>Generic method that will save the image in the</td>
</tr>
</tbody>
</table>
specifying ImageFormat.

<table>
<thead>
<tr>
<th>Method</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SaveJpg</td>
<td>Overloaded. Save image to file in JPG-format.</td>
</tr>
<tr>
<td>SavePng</td>
<td>Overloaded.</td>
</tr>
<tr>
<td>Scale</td>
<td>Scale the image using a defined scaling engine which can be CropScaling Class will crop the image so that the final result always has the given dimension, FitScaling Class will ensure that the complete image is visible inside the given dimension or PadScaling Class that will pad the image so that it cover the given dimension.</td>
</tr>
<tr>
<td>SetFont</td>
<td>Set the font that will be used for text operations.</td>
</tr>
<tr>
<td>StreamGif</td>
<td>Save image to the response stream in GIF-format. Ideal for sending realtime generated images to the web client requesting it.</td>
</tr>
<tr>
<td>StreamJpg</td>
<td>Save image to the response stream in JPG-format. Ideal for sending realtime generated images to the web client requesting it.</td>
</tr>
<tr>
<td>StreamPng</td>
<td>Save image to the response stream in PNG-format. Ideal for sending realtime generated images to the web client requesting it.</td>
</tr>
<tr>
<td>WriteText</td>
<td>Overloaded. Write text to image using the font assigned using SetFont Method.</td>
</tr>
</tbody>
</table>

**Protected Methods**

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
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<tbody>
<tr>
<td>Finalize</td>
<td></td>
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</tbody>
</table>

**See Also**

Reference
KalikoImage Class
Kaliko.ImageLibrary Namespace

This documentation was created using Document! X from Innovasys
KalikoImage Constructor

Kaliko.ImageLibrary Namespace > KalikoImage Class: KalikoImage Constructor

Overload List

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<th>Overload</th>
<th>Description</th>
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</thead>
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<td>KalikoImage Constructor(Int32,Int32)</td>
<td>Create a KalikoImage with a defined width and height.</td>
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<tr>
<td>KalikoImage Constructor(Size)</td>
<td>Create a KalikoImage with a defined width and height.</td>
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<td>Create a KalikoImage with a defined width, height and background color.</td>
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<td>KalikoImage Constructor(Int32,Int32,Color)</td>
<td>Create a KalikoImage with a defined width, height and background color.</td>
</tr>
<tr>
<td>KalikoImage Constructor(String)</td>
<td>Create a KalikoImage by loading an image from either disk or web URL.</td>
</tr>
<tr>
<td>KalikoImage Constructor(Stream)</td>
<td>Create a KalikoImage from a stream.</td>
</tr>
</tbody>
</table>

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also
Reference

KalikoImage Class
KalikoImage Members

This documentation was created using Document! X from Innovasys
Create a KalikoImage from a System.Drawing.Image.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```vbnet
Public Function New( _
    ByVal image As System.Drawing.Image _
) 'Usage
```

```csharp
Dim image As System.Drawing.Image

Dim instance As New KalikoImage(image)
```

```cpp
public KalikoImage(
    System.Drawing.Image image
)
```

```delphi
public function KalikoImage(  
    image : System.Drawing.Image
);
```

```js
public: KalikoImage(  
    System.Drawing.Image* image
)
```

```cpp
public:  
KalikoImage(  
    System.Drawing.Image^ image
)```
Parameters

image

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Class
KalikoImage Members
Overload List

This documentation was created using Document! X from Innovasys
Create a KalikoImage with a defined width and height.

**Syntax**

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

**Declaration**

```csharp
public Function New(
    ByVal width As System.Integer, _
    ByVal height As System.Integer _
)

public: KalikoImage(
    System::int width, _
    System::int height
)

public function KalikoImage(
    width : System::int, _
    height : System::int

);```

**Usage**

```csharp
Dim width As System.Integer
Dim height As System.Integer

Dim instance As New KalikoImage(width, height)
```
System.int height
)

KalikoImage(
    System.int width,
    System.int height
)

**Parameters**

* width
* height

**Example**

- C#

```c#
// Creating a new transparent image
var image = new KalikoImage(640, 480);
```

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

**Reference**

KalikoImage Class
KalikoImage Members
Overload List

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**KalikoImage Constructor(Size)**

Create a KalikoImage with a defined width and height.

**Syntax**

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

'Declaration

```vbnet
Public Function New( _
    ByVal size As System.Drawing.Size _
) 'Usage
```

```
Dim size As System.Drawing.Size

Dim instance As New KalikoImage(size)
```

```
public KalikoImage(
    System.Drawing.Size size
)
```

```
public KalikoImage(
    size: System.Drawing.Size
);
```

```
public function KalikoImage(
    size : System.Drawing.Size
);
```

```
public: KalikoImage(
    System.Drawing.Size size
)
```

```
public:
KalikoImage(
    System.Drawing.Size size
)
```
Parameters

size

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Class
KalikoImage Members
Overload List

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary Namespace > KalikoImage Class > KalikoImage Constructor: KalikoImage Constructor(Size,Color)

Create a KalikoImage with a defined width, height and background color.

**Syntax**

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

'**Declaration**

```vbnet
Public Function New( _
    ByVal size As System.Drawing.Size, _
    ByVal backgroundColor As System.Drawing.Color _
) _
'**Usage**

Dim size As System.Drawing.Size
Dim backgroundColor As System.Drawing.Color

Dim instance As New KalikoImage(size, backgroundColor)

Public KalikoImage(
    System.Drawing.Size size,
    System.Drawing.Color backgroundColor
)

Public KalikoImage(
    size: System.Drawing.Size;
    backgroundColor: System.Drawing.Color
); public function KalikoImage(
    size : System.Drawing.Size,
    backgroundColor : System.Drawing.Color
); public: KalikoImage(
    System.Drawing.Size size,
public:
KalikoImage(
    System.Drawing.Size size, 
    System.Drawing.Color backgroundColor
)

Parameters

size
backgroundColor

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Class
KalikoImage Members
Overload List

This documentation was created using Document! X from Innovasys
Create a KalikoImage with a defined width, height and background color.

**Syntax**

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

'**Declaration**

```csharp
public KalikoImage(
    System.Int32 width,
    System.Int32 height,
    System.Drawing.Color backgroundColor
)
```

'**Usage**

```csharp
Dim instance As New KalikoImage(width, height, backgroundColor)
```
height : System.int,
backgroundColor : System.Drawing.Color
); public: KalikoImage( System.int width,
System.int height,
System.Drawing.Color backgroundColor
)
public:
KalikoImage( System.int width,
System.int height,
System.Drawing.Color backgroundColor
)

Parameters

width
height
backgroundColor

Example

- C#

    // Creating a white image
    var image = new KalikoImage(640, 480, Color.White);

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Class
KalikoImage Members
Overload List

This documentation was created using Document! X from Innovasys
Create a KalikoImage by loading an image from either disk or web URL.

**Syntax**

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

```vbnet
Public Function New( ByVal filepath As System.String )
End Function
```

```csharp
public KalikoImage(System.String filepath)
```

```delphi
public function KalikoImage( System.string filepath )
```

```jscript
public KalikoImage(System.String filepath)
```

```csharp
public: KalikoImage(System.String^ filepath)
```

```jscript
public: KalikoImage(System.String* filepath)
```
Parameters

filepath

Example

- C#

// Open a local image:
KalikoImage image = new KalikoImage("c:\\images\\test.jpg");

// Load an image from the web:
KalikoImage image = new KalikoImage("http://yourdomain.com/test.jpg");

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Class
KalikoImage Members
Overload List

This documentation was created using Document! X from Innovasys
Create a KalikoImage from a stream.

**Syntax**

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

'Declaration

```visualbasic
Public Function New( _
   ByVal stream As System.IO.Stream _
) 
'Usage

Dim stream As System.IO.Stream

Dim instance As New KalikoImage(stream)
public KalikoImage(
   System.IO.Stream stream
)
```
Parameters

stream

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Class
KalikoImage Members
Overload List

This documentation was created using **Document! X** from Innovasys
## KalikoImage Class Methods

- Collapse All  ▸  Members Options: Show All

Kaliko.ImageLibrary Namespace : KalikoImage Class

For a list of all members of this type, see KalikoImage members.

### Public Methods

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<td>ApplyFilter</td>
<td>Apply a filter to the current Image.</td>
</tr>
<tr>
<td>BlitFill</td>
<td>Overloaded. Loads the defined image and use it as a pattern to fill the image (will be tiled if the destination image is larger than the source image).</td>
</tr>
<tr>
<td>BlitImage</td>
<td>Overloaded. Will load an image and place it on the destination image at top left corner.</td>
</tr>
<tr>
<td>Clear</td>
<td>Clear the image and set background image to the specified color.</td>
</tr>
<tr>
<td>Clone</td>
<td>Create a new image as a clone.</td>
</tr>
<tr>
<td>Crop</td>
<td>Crop the image into the given dimensions.</td>
</tr>
<tr>
<td>Destroy</td>
<td></td>
</tr>
<tr>
<td>Dispose</td>
<td>Overloaded.</td>
</tr>
<tr>
<td>GradientFill</td>
<td>Overloaded. Makes a gradient fill top to bottom from one color to another.</td>
</tr>
<tr>
<td>LoadImage</td>
<td>Overloaded. Load an image from local disk</td>
</tr>
<tr>
<td>LoadImageFromUrl</td>
<td>Load an image from an URL</td>
</tr>
<tr>
<td>Resize</td>
<td>Resizes the image without any consideration of the current ratio. If you wish to make a ratio locked resize use Scale Method instead.</td>
</tr>
<tr>
<td>SaveBmp</td>
<td>Overloaded.</td>
</tr>
<tr>
<td>SaveGif</td>
<td>Overloaded.</td>
</tr>
<tr>
<td>Method</td>
<td>Description</td>
</tr>
<tr>
<td>------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>SaveImage</td>
<td>Generic method that will save the image in the specified ImageFormat.</td>
</tr>
<tr>
<td>SaveJpg</td>
<td>Overloaded. Save image to file in JPG-format.</td>
</tr>
<tr>
<td>SavePng</td>
<td>Overloaded.</td>
</tr>
<tr>
<td>Scale</td>
<td>Scale the image using a defined scaling engine which can be CropScaling Class will crop the image so that the final result always has the given dimension, FitScaling Class will ensure that the complete image is visible inside the given dimension or PadScaling Class that will pad the image so that it cover the given dimension.</td>
</tr>
<tr>
<td>SetFont</td>
<td>Set the font that will be used for text operations.</td>
</tr>
<tr>
<td>StreamGif</td>
<td>Save image to the response stream in GIF-format. Ideal for sending realtime generated images to the web client requesting it.</td>
</tr>
<tr>
<td>StreamJpg</td>
<td>Save image to the response stream in JPG-format. Ideal for sending realtime generated images to the web client requesting it.</td>
</tr>
<tr>
<td>StreamPng</td>
<td>Save image to the response stream in PNG-format. Ideal for sending realtime generated images to the web client requesting it.</td>
</tr>
<tr>
<td>WriteText</td>
<td>Overloaded. Write text to image using the font assigned using SetFont Method.</td>
</tr>
</tbody>
</table>

**Protected Methods**

<table>
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<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
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<tr>
<td>Finalize</td>
<td></td>
</tr>
</tbody>
</table>

**See Also**
Reference

KalikoImage Class
Kaliko.ImageLibrary Namespace

This documentation was created using Document! X from Innovasys
Apply a filter to the current Image.

## Syntax

- **Visual Basic**
  ```vb
  Public Sub ApplyFilter( _
    ByVal filter As IFilter _
  )
  ```

- **C#**
  ```csharp
  public void ApplyFilter(
    IFilter filter
  )
  ```

- **Delphi**
  ```delphi
  procedure ApplyFilter(
    filter: IFilter
  );
  ```

- **JScript**
  ```javascript
  public function ApplyFilter(
    filter : IFilter
  );
  ```

- **Managed Extensions for C++**
  ```cpp
  public: void ApplyFilter(
    IFilter* filter
  )
  ```

- **C++/CLI**
  ```cpp
  public: void ApplyFilter(
    IFilter^ filter
  )
  ```
Parameters

filter
Any filter that supports the IFilter interface

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Class
KalikoImage Members
Kaliko.ImageLibrary.Filters Namespace

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**BlitFill Method**

Loads the defined image and use it as a pattern to fill the image (will be tiled if the destination image is larger than the source image).

### Overload List

<table>
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<tr>
<th>Overload</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BlitFill(String)</td>
<td>Loads the defined image and use it as a pattern to fill the image (will be tilled if the destination image is larger than the source image).</td>
</tr>
<tr>
<td>BlitFill(KalikoImage)</td>
<td>Uses the defined image as a pattern to fill the image (will be tilled if the destination image is larger than the source image).</td>
</tr>
<tr>
<td>BlitFill(Image)</td>
<td>Uses the defined image as a pattern to fill the image (will be tilled if the destination image is larger than the source image).</td>
</tr>
</tbody>
</table>

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

### See Also

**Reference**

KalikoImage Class
KalikoImage Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**BlitFill(String) Method**

Example  ▸ Collapse All  ▸ Language Filter: All

Kaliko.ImageLibrary Namespace > KalikoImage Class > BlitFill Method : BlitFill(String) Method

Loads the defined image and use it as a pattern to fill the image (will be tiled if the destination image is larger than the source image).

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Overloads Sub BlitFill( _
   ByVal fileName As System.String _
)
'Usage

Dim instance As KalikoImage
Dim fileName As System.String

instance.BlitFill(fileName)

public void BlitFill(
   System.string fileName
)

public procedure BlitFill(
   fileName: System.String
);

public function BlitFill(
   fileName : System.String
);

public: void BlitFill(
   System.string* fileName
)

public:
void BlitFill(
System.String^ fileName
)

Parameters

fileName

Example

- C#

// Repeat the above, but in a just one additional call
var image = new KalikoImage(640, 480);
image.BlitFill(@"C:\Img\Checkered.png");

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Class
KalikoImage Members
Overload List

This documentation was created using Document! X from Innovasys
BlitFill(KalikoImage) Method

Uses the defined image as a pattern to fill the image (will be tiled if the destination image is larger than the source image).

**Syntax**

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

'Declaration

```vbnet
class ImageLibrary
    Public Overloads Sub BlitFill(_
        ByVal image As KalikoImage _
    )
end class
```

'Usage

```vbnet
dim instance As KalikoImage
dim image As KalikoImage

instance.BlitFill(image)
```

```csharp
public void BlitFill(
    KalikoImage image
)
```

```delphi
procedure BlitFill(
    image: KalikoImage
);
```

```javascript
function BlitFill(
    var image: KalikoImage
);
```

```c++
public: void BlitFill(
    KalikoImage* image
)
```

```c++/cli
public:
    void BlitFill(
```
Parameters

image

Example

- C#

```csharp
// Create a new image and fill the source image all over
var image = new KalikoImage(640, 480);
var patternImage = new KalikoImage(@"C:\Img\Checkered.png");
image.BlitFill(patternImage);
```

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Class
KalikoImage Members
Overload List

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**BlitFill(Image) Method**

- Collapse All  Language Filter: All

Kaliko.ImageLibrary Namespace > KalikoImage Class > Blit Fill Method : BlitFill(Image) Method

Uses the defined image as a pattern to fill the image (will be tiled if the destination image is larger than the source image).

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

```visualbasic
'Declaration
Public Overloads Sub BlitFill(_
    ByVal image As System.Drawing.Image _
)
'Usage
Dim instance As KalikoImage
Dim image As System.Drawing.Image

instance.BlitFill(image)
```

```csharp
public void BlitFill(
    System.Drawing.Image image
)
```

```delphi
public procedure BlitFill(
    image: System.Drawing.Image
);
```

```javascript
public function BlitFill(
    image : System.Drawing.Image
);
```

```cpp
public: void BlitFill(
    System.Drawing.Image* image
)
```

```c++
public:
void BlitFill(}
System.Drawing.Image^\ image

Parameters

image

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Class
KalikoImage Members
Overload List

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**BlitImage Method**

- Collapse All  ▸ Language Filter: All

Kaliko.ImageLibrary Namespace > KalikoImage Class : BlitImage Method

Will load an image and place it on the destination image at top left corner.

- **Overload List**

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- **Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2
See Also

Reference

KalikoImage Class
KalikoImage Members

This documentation was created using Document! X from Innovasys
**BlitImage(String) Method**

**Example**  
Collapse All  
Language Filter: All


Will load an image and place it on the destination image at top left corner.

### Syntax

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

**Declaration**

```vbnet
Public Overloads Sub BlitImage(_
    ByVal fileName As System.String _
)
'
Usage

Dim instance As KalikoImage
Dim fileName As System.String

instance.BlitImage(fileName)
```

```csharp
public void BlitImage(
    System.String fileName
)
public procedure BlitImage(
    fileName: System.String
);
public function BlitImage(    
    fileName : System.String
);
public: void BlitImage(
    System.string* fileName
)
public:
    void BlitImage(       
    System.String^ fileName
)
```
Parameters

fileName

Example

- C#

```csharp
// Load image and place on top, left of our image
image.BlitImage(@"C:\Img\Stamp.png");
```

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Class
KalikoImage Members
Overload List

This documentation was created using Document! X from Innovasys
BlitImage(String,Int32,Int32) Method

Will load an image and place it on the destination image at the defined coordinates.

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'declaration

Public Overloads Sub BlitImage(_
    ByVal fileName As System.String, _
    ByVal x As System.Integer, _
    ByVal y As System.Integer _
)'

Usage

Dim instance As KalikoImage
Dim fileName As System.String
Dim x As System.Integer
Dim y As System.Integer

instance.BlitImage(fileName, x, y)

public void BlitImage(  
    System.String fileName,
    System.Int x,
    System.Int y
)'

public procedure BlitImage(  
    fileName: System.String;  
    x: System.Integer;  
    y: System.Integer
)
};
public function BlitImage(
    fileName : System.String,
    x : System.int,
    y : System.int
);
public: void BlitImage(
    System.string* fileName,
    System.int x,
    System.int y
)
public:
void BlitImage(
    System.String^ fileName,
    System.int x,
    System.int y
)

**Parameters**

*fileName*

*x*

*y*

**Example**

- **C#**

```c#
// Load image and place 10 pixels from the left and 20 pixels from
image.BlitImage(@"C:\Img\Stamp.png", 10, 20);
```

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

Reference
KalikoImage Class
KalikoImage Members
Overload List

This documentation was created using Document! X from Innovasys
BlitImage(KalikoImage) Method

Will take the source image and place it on the destination image at top left corner.

**Syntax**

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

'Declaration

```vbnet
Public Overloads Sub BlitImage(_
   ByVal image As KalikoImage _
)
'Usage

Dim instance As KalikoImage
Dim image As KalikoImage

instance.BlitImage(image)
```

```csharp
public void BlitImage(
   KalikoImage image
)
```

```delphi
public procedure BlitImage(
   image: KalikoImage
);
```

```javascript
public function BlitImage(
   image : KalikoImage
);
```

```cpp
public: void BlitImage(
   KalikoImage* image
)
```

```cs++
public:
```
void BlitImage(
    KalikoImage^ image
)

Parameters

image

Example

- C#

```
// Place the source image on top, left of our image
var sourceImage = new KalikoImage(@"C:\Img\Stamp.png");
image.BlitImage(sourceImage);
```

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Class
KalikoImage Members
Overload List

This documentation was created using Document! X from Innovasys
BlitImage(KalikoImage, Int32, Int32) Method

Will take the source image and place it on the destination image at the defined coordinates.

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Overloads Sub BlitImage(_
    ByVal image As KalikoImage, _
    ByVal x As System.Integer, _
    ByVal y As System.Integer _
)
'
Usage

Dim instance As KalikoImage
Dim image As KalikoImage
Dim x As System.Integer
Dim y As System.Integer

instance.BlitImage(image, x, y)
public void BlitImage(
    KalikoImage image,
    System.int x,
    System.int y
)

public procedure BlitImage(
    image: KalikoImage;
    x: System.Integer;
    y: System.Integer
)
public function BlitImage(
    image : KalikoImage,
    x : System.int,
    y : System.int
);
public: void BlitImage(
    KalikoImage* image,
    System.int x,
    System.int y
)
public:
void BlitImage(
    KalikoImage^ image,
    System.int x,
    System.int y
)

Parameters

*image*
*x*
*y*

**Example**

- C#

  ```csharp
  // Place the source image 10 pixels from the left and 20 pixels from the top
  var sourceImage = new KalikoImage(@"C:\Img\Stamp.png");
  image.BlitImage(sourceImage, 10, 20);
  ```

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

Reference
KalikoImage Class
KalikoImage Members
Overload List

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**BlitImage(Image) Method**

 Collapse All  Language Filter: All


Will take the source image and place it on the destination image at top left corner.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Overloads Sub BlitImage( _
    ByVal image As System.Drawing.Image _
)
'

Usage

Dim instance As KalikoImage
Dim image As System.Drawing.Image

instance.BlitImage(image)
public void BlitImage(
    System.Drawing.Image image
)
public procedure BlitImage(  
    image: System.Drawing.Image
);
public function BlitImage(  
    image : System.Drawing.Image
);
public: void BlitImage(  
    System.Drawing.Image* image
)
public:
void BlitImage(  

System.Drawing.Image^ \hspace{1em} \textit{image} \\

\textbf{Parameters} \\

\textit{image} \\

\textbf{Requirements} \\

\textbf{Target Platforms:} Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2 \\

\textbf{See Also} \\

Reference \\

KalikoImage Class \\
KalikoImage Members \\
Overload List \\

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**BlitImage(Image,Int32,Int32) Method**

- Collapse All  
- Language Filter: All


Will take the source image and place it on the destination image at the defined coordinates.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

**Declaration**

```vbnet
Public Overloads Sub BlitImage( _
    ByVal image As System.Drawing.Image, _
    ByVal x As System.Integer, _
    ByVal y As System.Integer _
)
```

```csharp
public void BlitImage(
    System.Drawing.Image image,
    System.Int x,
    System.Int y
)
```

```delphi
public procedure BlitImage(
    image: System.Drawing.Image;
    x: System.Integer;
    y: System.Integer
)```
public function BlitImage(
    image : System.Drawing.Image,
    x : System.int,
    y : System.int
); public: void BlitImage(
    System.Drawing.Image* image,
    System.int x,
    System.int y
)
public:
void BlitImage(
    System.Drawing.Image^ image,
    System.int x,
    System.int y
)

Parameters

image  
x  
y  

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Class
KalikoImage Members
Overload List

This documentation was created using Document! X from Innovasys
Clear the image and set background image to the specified color.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Sub Clear(_
   ByVal color As System.Drawing.Color _
)

'Usage

Dim instance As KalikoImage
Dim color As System.Drawing.Color

instance.Clear(color)
public void Clear(
   System.Drawing.Color color
)

public procedure Clear(
   color: System.Drawing.Color
);

public function Clear(
   color : System.Drawing.Color
);

public: void Clear(
   System.Drawing.Color color
)

public:
void Clear(
   System.Drawing.Color color
)
Parameters

color

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Class
KalikoImage Members

This documentation was created using Document! X from Innovasys
Clone Method

Create a new image as a clone.

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Function Clone() As KalikoImage

'Usage

Dim instance As KalikoImage
Dim value As KalikoImage

value = instance.Clone()

public KalikoImage Clone()
public function Clone(): KalikoImage;
public function Clone() : KalikoImage;
public: KalikoImage* Clone();
public:
KalikoImage^ Clone();

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also
Reference

KalikoImage Class
KalikoImage Members

This documentation was created using Document! X from Innovasys
Crop the image into the given dimensions.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'**Declaration**

```vbnet
Public Sub Crop( _
    ByVal x As System.Integer, _
    ByVal y As System.Integer, _
    ByVal width As System.Integer, _
    ByVal height As System.Integer _
)
' Usage
eDim instance As KalikoImage
eDim x As System.Integer
eDim y As System.Integer
eDim width As System.Integer
eDim height As System.Integer

instance.Crop(x, y, width, height)
```

```csharp
public void Crop(
    System.int x,
    System.int y,
    System.int width,
    System.int height
)
```

```delphi
public procedure Crop(
    x: System.Integer;
    y: System.Integer;
    width: System.Integer;
```
public function Crop(
    x : System.Int,
    y : System.Int,
    width : System.Int,
    height : System.Int
);

public: void Crop(
    System.Int x,
    System.Int y,
    System.Int width,
    System.Int height
)

Parameters

x
y
width
height

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Class
KalikoImage Members
This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**Destroy Method**

- Collapse All  Language Filter: All

Kaliko.ImageLibrary Namespace > KalikoImage Class : Destroy Method

## Syntax

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

'Declaration

```vbnet
Public Sub Destroy()
'Usage

Dim instance As KalikoImage

instance.Destroy()
```

```
public void Destroy()
public procedure Destroy();
public function Destroy();
public: void Destroy();
public:
void Destroy();
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

Reference

KalikoImage Class
KalikoImage Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

Dispose Method

Collapse All  Language Filter: All

Kaliko.ImageLibrary Namespace > KalikoImage Class : Dispose Method

Overload List

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Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Class
KalikoImage Members

This documentation was created using Document! X from Innovasys
Dispose(Boolean) Method

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Protected Overloads Overridable Sub Dispose( _
   ByVal disposing As System.Boolean _
)
'Usage

Dim instance As KalikoImage
Dim disposing As System.Boolean

instance.Dispose(disposing)
protected virtual void Dispose( System.bool disposing 
)
protected procedure Dispose( 
   disposing: System.Boolean 
); virtual;
protected function Dispose( 
   disposing : System.boolean 
); protected: virtual void Dispose( 
   System.bool disposing 
)
protected: 
virtual void Dispose( 
   System.bool disposing 
)

Parameters
disposing

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

**Reference**

KalikoImage Class
KalikoImage Members
Overload List

This documentation was created using Document! X from Innovasys
Dispose() Method

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Overloads Sub Dispose()

Usage

Dim instance As KalikoImage

instance.Dispose()
public void Dispose()
public procedure Dispose();
public function Dispose();
public: void Dispose();
public:
void Dispose();

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Class
KalikoImage Members
Overload List

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**Finalize Method**

- Collapse All  ▸ Language Filter: All

Kaliko.ImageLibrary Namespace > KalikoImage Class : Finalize Method

## Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Protected Overrides Sub Finalize()

'Usage

Dim instance As KalikoImage

instance.Finalize()

protected override void Finalize()

protected override procedure Finalize(); override

protected override function Finalize();

protected: void Finalize(); override

protected:

void Finalize(); override

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

Reference

KalikoImage Class
KalikoImage Members

This documentation was created using Document! X from Innovasys
GradientFill Method

Makes a gradient fill top to bottom from one color to another.

### Overload List

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</table>

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

### See Also

- Reference
- KalikoImage Class
- KalikoImage Members

This documentation was created using Document! X from Innovasys
GradientFill(Color,Color) Method

Makes a gradient fill top to bottom from one color to another.

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Overloads Sub GradientFill(_
    ByVal colorFrom As System.Drawing.Color, _
    ByVal colorTo As System.Drawing.Color _
)

'Usage

Dim instance As KalikoImage
Dim colorFrom As System.Drawing.Color
Dim colorTo As System.Drawing.Color

instance.GradientFill(colorFrom, colorTo)

public void GradientFill(
    System.Drawing.Color colorFrom,
    System.Drawing.Color colorTo
)

public procedure GradientFill(  
    colorFrom: System.Drawing.Color;  
    colorTo: System.Drawing.Color  
);  

public function GradientFill(  
    colorFrom : System.Drawing.Color,  
    colorTo : System.Drawing.Color  
);  

public: void GradientFill(
public:
void GradientFill(
    System.Drawing.Color colorFrom,  
    System.Drawing.Color colorTo 
)

Parameters

colorFrom
colorTo

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Class
KalikoImage Members
Overload List

This documentation was created using Document! X from Innovasys
GradientFill(Point,Point,Color,Color) Method

Makes a gradient fill from point 1 to point 2 from one color to another.

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'declaration

Public Overloads Sub GradientFill( _
    ByVal pointFrom As System.Drawing.Point, _
    ByVal pointTo As System.Drawing.Point, _
    ByVal colorFrom As System.Drawing.Color, _
    ByVal colorTo As System.Drawing.Color _
)

'declaration

Dim instance As KalikoImage
Dim pointFrom As System.Drawing.Point
Dim pointTo As System.Drawing.Point
Dim colorFrom As System.Drawing.Color
Dim colorTo As System.Drawing.Color

instance.GradientFill(pointFrom, pointTo, colorFrom, colorTo)
public procedure GradientFill(
  pointFrom: System.Drawing.Point;
  pointTo: System.Drawing.Point;
  colorFrom: System.Drawing.Color;
  colorTo: System.Drawing.Color
);
KalikoImage Class
KalikoImage Members
Overload List

This documentation was created using Document! X from Innovasys
LoadImage Method

Load an image from local disk

Overload List

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Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Class
KalikoImage Members

This documentation was created using Document! X from Innovasys
Load an image from local disk

**Syntax**

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

'**Declaration**

```vbnet
Public Overloads Sub LoadImage( _
    ByVal fileName As System.String _
)'

'**Usage**

```vbnet
Dim instance As KalikoImage
Dim fileName As System.String

instance.LoadImage(fileName)
```

```csharp
public void LoadImage(
    System.String fileName
)
```

```delphi
public procedure LoadImage(  
    fileName: System.String  
);
```

```jscript
public function LoadImage(
    fileName : System.String
);
```

```cpp
public: void LoadImage(  
    System.String* fileName  
)
```

```csharp
public:
    void LoadImage(  
        System.String^ fileName  
    )
```
**Parameters**

*fileName*
   File path

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

**Reference**

KalikoImage Class
KalikoImage Members
Overload List

This documentation was created using Document! X from Innovasys
LoadImage(Stream) Method

Load an image from a stream object (MemoryStream, Stream etc)

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Sub LoadImage(_
    ByVal stream As System.IO.Stream _
)'

'Usage

Dim instance As KalikoImage
Dim stream As System.IO.Stream

instance.LoadImage(stream)
public void LoadImage(
    System.IO.Stream stream
)

public procedure LoadImage(
    stream: System.IO.Stream
);

public function LoadImage(
    stream : System.IO.Stream
);

public: void LoadImage(
    System.IO.Stream* stream
)

public:
    void LoadImage(
        System.IO.Stream^ stream
```
Parameters

stream
    Pointer to stream

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Class
KalikoImage Members
Overload List

This documentation was created using Document! X from Innovasys
Load an image from an URL

**Syntax**

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

**Declaration**

```
Public Sub LoadImageFromUrl(_
   ByVal url As System.String _
) 
''Usage
Dim instance As KalikoImage
Dim url As System.String

instance.LoadImageFromUrl(url)
public void LoadImageFromUrl(
   System.string url
)
public procedure LoadImageFromUrl(
   url: System.String
);
public function LoadImageFromUrl(
   url : System.String
);
public: void LoadImageFromUrl(
   System.string* url
)
public:
void LoadImageFromUrl(
   System.String^ url
)
```
 Parameters

url

 Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

 See Also

 Reference

KalikoImage Class
KalikoImage Members

This documentation was created using Document! X from Innovasys
**Resize Method**

Resizes the image without any consideration of the current ratio. If you wish to make a ratio locked resize use **Scale Method** instead.

**Syntax**

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

'**Declaration**

```vbscript
Public Sub Resize(_
    ByVal width As System.Integer, _
    ByVal height As System.Integer _
)
'**Usage**

Dim instance As KalikoImage
Dim width As System.Integer
Dim height As System.Integer

instance.Resize(width, height)
```

```csharp
public void Resize(
    System.int width,
    System.int height
)
```

```delphi
public procedure Resize(
    width: System.Integer;
    height: System.Integer
);
```

```jscript
public function Resize(
    width : System.int,
    height : System.int
);
```
public: void Resize(
    System.int width,
    System.int height
)

public:
void Resize(
    System.int width,
    System.int height
)

Parameters

width
height

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Class
KalikoImage Members
Scale Method

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**SaveBmp Method**

Collapse All  Language Filter: All

Kaliko.ImageLibrary Namespace > KalikoImage Class : SaveBmp Method

## Overload List

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## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

**Reference**

KalikoImage Class
KalikoImage Members

This documentation was created using Document! X from Innovasys
SaveBmp(Stream) Method

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Overloads Sub SaveBmp(_
   ByVal stream As System.IO.Stream _
)'

'Usage

Dim instance As KalikoImage
Dim stream As System.IO.Stream

instance.SaveBmp(stream)
public void SaveBmp(
   System.IO.Stream stream
)
public procedure SaveBmp(
   stream: System.IO.Stream
);
public function SaveBmp(
   stream : System.IO.Stream
);
public: void SaveBmp(
   System.IO.Stream* stream
)
public:
void SaveBmp(
   System.IO.Stream^ stream
)

Parameters


**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

Reference

KalikoImage Class
KalikoImage Members
Overload List

This documentation was created using Document! X from Innovasys
SaveBmp(String) Method

Save image to file in BMP-format.

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Overloads Sub SaveBmp(_
    ByVal fileName As System.String _
)

'Usage

Dim instance As KalikoImage
Dim fileName As System.String

instance.SaveBmp(fileName)
public void SaveBmp(
    System.string fileName
)
public procedure SaveBmp(
    fileName: System.String
);

public function SaveBmp(
    fileName : System.String
);

public: void SaveBmp(
    System.string* fileName
)

public:
void SaveBmp(
    System.String^ fileName
)
**Parameters**

*fileName*

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

Reference

KalikoImage Class
KalikoImage Members
Overload List

This documentation was created using *Document! X* from Innovasys
Kaliko.ImageLibrary

**SaveBmp(Stream, ImageFormat) Method**

- Collapse All  Language Filter: All

Kaliko.ImageLibrary Namespace > KalikoImage Class > SaveBmp Method: 
SaveBmp(Stream, ImageFormat) Method

## Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

### 'Declaration

**Public Overloads Sub** SaveBmp( _
   ByVal stream As System.IO.Stream, _
   ByVal format As System.Drawing.Imaging.ImageFormat _
)

### 'Usage

```vbnet
Dim instance As KalikoImage
Dim stream As System.IO.Stream
Dim format As System.Drawing.Imaging.ImageFormat

instance.SaveBmp(stream, format)
```

```csharp
public void SaveBmp(
    System.IO.Stream stream,
    System.Drawing.Imaging.ImageFormat format
)
```

```delphi
public procedure SaveBmp(
    stream: System.IO.Stream;
    format: System.Drawing.Imaging.ImageFormat
);
```

```jscript
public function SaveBmp(
    stream : System.IO.Stream;
    format : System.Drawing.Imaging.ImageFormat
);
```

```cpp
public: void SaveBmp(
    System.IO.Stream* stream,
    System.Drawing.Imaging.ImageFormat* format
)
```
public:
void SaveBmp(System.IO.Stream^ stream, System.Drawing.Imaging.ImageFormat^ format)

Parameters

stream
format

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Class
KalikoImage Members
Overload List

This documentation was created using Document! X from Innovasys
SaveGif Method

Kaliko.ImageLibrary Namespace > KalikoImage Class : SaveGif Method

Overload List

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Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Class
KalikoImage Members

This documentation was created using Document! X from Innovasys
SaveGif(Stream) Method

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Overloads Sub SaveGif( _
   ByVal stream As System.IO.Stream _
)

'Usage

Dim instance As KalikoImage
Dim stream As System.IO.Stream

instance.SaveGif(stream)
public void SaveGif(
   System.IO.Stream stream
)

public procedure SaveGif(
   stream: System.IO.Stream
);

public function SaveGif(
   stream : System.IO.Stream
);

public: void SaveGif(
   System.IO.Stream^ stream
)

Parameters
stream

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

Reference

KalikoImage Class
KalikoImage Members
Overload List

This documentation was created using Document! X from Innovasys
SaveGif(String) Method

Save image to file in GIF-format.

**Syntax**

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

**Declaration**

```vbnet
Public Overloads Sub SaveGif(_
    ByVal fileName As System.String _
)'
```

**Usage**

```vbnet
Dim instance As KalikoImage
Dim fileName As System.String

instance.SaveGif(fileName)
```

```csharp
public void SaveGif(
    System.String fileName
)
```

```delphi
public procedure SaveGif(
    fileName: System.String
);
```

```jscript
public function SaveGif(
    fileName : System.String
);
```

```cpp
public: void SaveGif(
    System.String* fileName
)
```

```csharp
public:
void SaveGif(
    System.String^ fileName
)```
Parameters

fileName

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Class
KalikoImage Members
Overload List

This documentation was created using Document! X from Innovasys
**SaveImage Method**

Generic method that will save the image in the specified ImageFormat.

### Syntax

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

**Declaration**

```vbnet
dim instance as kalikolimage
dim fileName as system.string
dim format as system.drawing.imaging.imageformat

instance.saveimage(fileName, format)
```

```csharp
public void SaveImage(
    System.String fileName,
    System.Drawing.Imaging.ImageFormat format
)
```

```delphi
function SaveImage(
    fileName: System.String;
    format: System.Drawing.Imaging.ImageFormat
);
```

```jscript
function SaveImage(
    fileName : System.String,
    format : System.Drawing.Imaging.ImageFormat
);
```

```cpp
public: void SaveImage(
    System.String* fileName,
    System.Drawing.Imaging.ImageFormat format
);
```
public:
void SaveImage(
    System.String^ fileName,
    System.Drawing.Imaging.ImageFormat^ format 
)

Parameters

fileName
format

Image format to save the file in, for example ImageFormat.Tiff

Example

- C#

// Save image to file system in the selected format
image.SaveImage("C:\MyImages\Output.tif", ImageFormat.Tiff);

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Class
KalikoImage Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**SaveJpg Method**

 › Collapse All  › Language Filter: All

Kaliko.ImageLibrary Namespace > KalikoImage Class : SaveJpg Method

Save image to file in JPG-format.

## Overload List

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## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

**Reference**

KalikoImage Class  
KalikoImage Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**SaveJpg(Stream,Int64) Method**

Example  ▸ Collapse All  ▸ Language Filter: All

Kaliko.ImageLibrary Namespace > KalikoImage Class > SaveJpg Method : SaveJpg(Stream,Int64)
Method

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```vbnet
Public Overloads Sub SaveJpg(_
    ByVal stream As System.IO.Stream, _
    ByVal quality As System.Long _
)```

'Usage

```vbnet
Dim instance As KalikoImage
Dim stream As System.IO.Stream
Dim quality As System.Long

instance.SaveJpg(stream, quality)
```

```csharp
public void SaveJpg(
    System.IO.Stream stream,
    System.Int64 quality
)
```

```csharp
public procedure SaveJpg(
    stream: System.IO.Stream;
    quality: System.Int64
);
```

```csharp
public function SaveJpg(
    stream : System.IO.Stream;
    quality : System.Long
);
```

```csharp
public: void SaveJpg(
    System.IO.Stream* stream,
    System.Long quality
)```
```csharp
public:
void SaveJpg(
    System.IO.Stream^ stream,
    System.int64 quality
)

Parameters

stream
    Stream to save the image to
quality
    Compression quality setting (0-100)

Example

- C#

    // Save image to stream in jpg format with quality setting 90
    MemoryStream memoryStream = new MemoryStream();
    image.SaveJpg(memoryStream, 90);

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Class
KalikoImage Members
Overload List

This documentation was created using Document! X from Innovasys
Save image to file in JPG-format.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

**Declaration**

```
Public Overloads Sub SaveJpg( _
   ByVal fileName As System.String, _
   ByVal quality As System.Long _
)
```

**Usage**

```
Dim instance As KalikoImage
Dim fileName As System.String
Dim quality As System.Long

instance.SaveJpg(fileName, quality)
```

```
public void SaveJpg(
   System.string fileName,
   System.long quality
)
```

```
public procedure SaveJpg(  
   fileName: System.String;
   quality: System.Int64
);
```

```
public function SaveJpg(  
   fileName : System.String,
   quality : System.long
);
```

```
public: void SaveJpg(  
   System.string* fileName,
```

```
public:
void SaveJpg(System.String^ fileName, System.int64 quality)

Parameters

fileName
   Name of the file
quality
   Compression quality setting (0-100)

Example

C#

// Save image to file system in jpg format with quality setting 90
image.SaveJpg(@"C:\MyImages\Output.jpg", 90);

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Class
KalikoImage Members
Overload List

This documentation was created using Document! X from Innovasys
SavePng Method

Kaliko.ImageLibrary Namespace > KalikoImage Class : SavePng Method

Overload List

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Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Class
KalikoImage Members

This documentation was created using Document! X from Innovasys
SavePng(Stream) Method

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Overloads Sub SavePng(_  
    ByVal stream As System.IO.Stream _ )

'Usage

Dim instance As KalikoImage  
Dim stream As System.IO.Stream

instance.SavePng(stream)  
public void SavePng(  
    System.IO.Stream stream
)  
public procedure SavePng(  
    stream: System.IO.Stream
);  
public function SavePng(  
    stream : System.IO.Stream
);  
public: void SavePng(  
    System.IO.Stream^ stream
)  
public:  
void SavePng(  
    System.IO.Stream^ stream
)  

Parameters
Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Class
KalikoImage Members
Overload List

This documentation was created using Document! X from Innovasys
Save image to file in PNG-format.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```vbscript
Public Overloads Sub SavePng(_
    ByVal fileName As System.String _
)
'Usage

Dim instance As KalikoImage
Dim fileName As System.String

instance.SavePng(fileName)
```

```csharp
public void SavePng(
    System.String fileName
)

public procedure SavePng(
    fileName: System.String
);

public function SavePng(
    fileName : System.String
);

public: void SavePng(
    System.String* fileName
)

public:
void SavePng(
    System.String^ fileName
)
Parameters

fileName

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Class
KalikoImage Members
Overload List

This documentation was created using Document! X from Innovasys
Scale the image using a defined scaling engine which can be **CropScaling Class** will crop the image so that the final result always has the given dimension, **FitScaling Class** will ensure that the complete image is visible inside the given dimension or **PadScaling Class** that will pad the image so that it cover the given dimension.

### Syntax

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

#### Declaration

```vbnet
Public Function Scale( _
   ByVal scaleEngine As ScalingBase _
) As KalikoImage
```

```csharp
public KalikoImage Scale(
   ScalingBase scaleEngine
)
```

```delphi
public function Scale(
   scaleEngine: ScalingBase
): KalikoImage;
```

```javascript
public function Scale(
   scaleEngine: ScalingBase
): KalikoImage;
```

```cpp
public function Scale(
   scaleEngine: ScalingBase
): KalikoImage;
```
public: KalikoImage* Scale(
    ScalingBase* scaleEngine
)
public:
KalikoImage^ Scale(
    ScalingBase^ scaleEngine
)

Parameters

scaleEngine

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Class
KalikoImage Members
CropScaling Class
FitScaling Class
PadScaling Class

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

SetFont Method

Collapse All  Language Filter: All

Kaliko.ImageLibrary Namespace > KalikoImage Class : SetFont Method

Set the font that will be used for text operations.

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Sub SetFont( 
    ByVal fileName As System.String, 
    ByVal size As System.Single, 
    ByVal fontStyle As System.Drawing.FontStyle 
)

'Usage

Dim instance As KalikoImage
Dim fileName As System.String
Dim size As System.Single
Dim fontStyle As System.Drawing.FontStyle

instance.SetFont(fileName, size, fontStyle)

public void SetFont(
    System.string fileName,
    System.float size,
    System.Drawing.FontStyle fontStyle
)

public procedure SetFont(
    fileName: System.String; 
    size: System.Single; 
    fontStyle: System.Drawing.FontStyle
)

public function SetFont(
    fileName : System.String,
```csharp
size : System.float,
fontStyle : System.Drawing.FontStyle
);
public: void SetFont(
  System.string* fileName,
  System.float size,
  System.Drawing.FontStyle fontStyle
)
public:
void SetFont(
  System.String^ fileName,
  System.float size,
  System.Drawing.FontStyle fontStyle
)

Parameters

fileName
size
fontStyle

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Class
KalikoImage Members

This documentation was created using Document! X from Innovasys
Save image to the response stream in GIF-format. Ideal for sending realtime generated images to the web client requesting it.

## Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

### Declaration

```csharp
Public Sub StreamGif(_
    ByVal fileName As System.String _
)
```

### Usage

```csharp
Dim instance As KalikoImage
Dim fileName As System.String

instance.StreamGif(fileName)
```

```csharp
public void StreamGif(  
    System.string fileName
)
```

```csharp
public procedure StreamGif(  
    fileName: System.String
);
```

```csharp
public function StreamGif(  
    fileName : System.String
);
```

```csharp
public: void StreamGif(  
    System.string* fileName
)
```

```csharp
public:
void StreamGif(
```
System.String^ fileName

Parameters

fileName

Remarks

This method will set the proper HTTP-headers such as filename and mime-type.

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Class
KalikoImage Members

This documentation was created using Document! X from Innovasys
StreamJpg Method

Save image to the response stream in JPG-format. Ideal for sending realtime generated images to the web client requesting it.

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Sub StreamJpg( _
   ByVal quality As System.Long, _
   ByVal fileName As System.String _
)

'Usage

Dim instance As KalikoImage
Dim quality As System.Long
Dim fileName As System.String

instance.StreamJpg(quality, fileName)

public void StreamJpg(
   System.long quality,
   System.string fileName
)

public procedure StreamJpg(
   quality: System.Int64;
   fileName: System.String
);

public function StreamJpg(
   quality : System.long,
   fileName : System.String
);


```csharp
public: void StreamJpg(
    System::long quality,
    System::string* fileName
)
public:
void StreamJpg(
    System::int64 quality,
    System::String^ fileName
)
```

**Parameters**

- **quality**
- **fileName**

**Remarks**

This method will set the proper HTTP-headers such as filename and mime-type.

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

- Reference
  - KalikoImage Class
  - KalikoImage Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

StreamPng Method

Save image to the response stream in PNG-format. Ideal for sending realtime generated images to the web client requesting it.

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Sub StreamPng(_
    ByVal fileName As System.String _)  
'Usage

Dim instance As KalikoImage
Dim fileName As System.String

instance.StreamPng(fileName)

public void StreamPng(
    System.string fileName
)

public procedure StreamPng(  
    fileName: System.String
);

public function StreamPng(  
    fileName : System.String
);

public: void StreamPng(  
    System.string* fileName
)

public:
    void StreamPng(
System.String^ fileName
)

Parameters

fileName

Remarks

This method will set the proper HTTP-headers such as filename and mime-type.

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Class
KalikoImage Members

This documentation was created using Document! X from Innovasys
Write text to image using the font assigned using **SetFont Method**.

### Overload List

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### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

### See Also

**Reference**

- KalikoImage Class
- KalikoImage Members

This documentation was created using Document! X from Innovasys
Write text to image using the font assigned using `SetFont Method`.

**Syntax**

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

**Declaration**

```vbnet
Public Overloads Sub WriteText( _
    ByVal text As System.String, _
    ByVal x As System.Integer, _
    ByVal y As System.Integer _
)
```

**Usage**

```vbnet
dim instance As KalikoImage
dim text As System.String
dim x As System.Integer
dim y As System.Integer

instance.WriteText(text, x, y)
```

```csharp
public void WriteText(  
    System.string text,
    System.int x,
    System.int y
)
```

```delphi
public procedure WriteText(  
    text: System.String;
    x: System.Integer;
    y: System.Integer
);
```

```javascript
public function WriteText(  
    text: System.String;
    x: System.Integer;
    y: System.Integer
);
```
text : System.String,
x : System.int,
y : System.int
);
public: void WriteText(
    System.string* text,
    System.int x,
    System.int y
)
public:
    void WriteText(
        System.String^ text,
        System.int x,
        System.int y
    )

Parameters

text
    Text that will be written on image
x
    Left-most position of the text
y
    Top-most position of the text

Example

- C#

    // Write Hello World on image with semi transparent white
    var image = new KalikoImage(@"C:\Img\MyImage.jpg");

    // Load the font, relative path from the application path
    image.SetFont("84_rock.ttf", 120, FontStyle.Regular);
    image.Color = Color.FromArgb(64, Color.White);
    image.WriteText("Hello World!", 0, 0);

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2
See Also

Reference

KalikoImage Class
KalikoImage Members
Overload List
SetFont Method

This documentation was created using Document! X from Innovasys
Write text to image using the font assigned using SetFont Method rotated in the defined angle.

**Syntax**

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

```vbnet
'Declaration
Public Overloads Sub WriteText(_
    ByVal text As System.String, _
    ByVal x As System.Integer, _
    ByVal y As System.Integer, _
    ByVal angle As System.Single _
)
'Usage
Dim instance As KalikoImage
Dim text As System.String
Dim x As System.Integer
Dim y As System.Integer
Dim angle As System.Single

instance.WriteText(text, x, y, angle)
```

```csharp
public void WriteText(
    System.string text, 
    System.int x, 
    System.int y, 
    System.float angle
)
```

```delphi
public procedure WriteText(
```

```jscript

```
text: System.String;

x: System.Integer;
y: System.Integer;

angle: System.Single

};

public function WriteText(
    text : System.String,
    x : System.int,
    y : System.int,
    angle : System.float

);

public: void WriteText(
    System.string* text,
    System.int x,
    System.int y,
    System.float angle
)

public:
void WriteText(
    System.String^ text,
    System.int x,
    System.int y,
    System.float angle
)

Parameters

text
    Text that will be written on image

x
    Left-most position of the text

y
    Top-most position of the text

angle
    Angle to rotate the text to

Example

- C#

// Write Hello World on image with semi transparent white
var image = new KalikoImage("C:\Img\MyImage.jpg");
// Load the font, relative path from the application path
image.SetFont("84_rock.ttf", 120, FontStyle.Regular);
image.Color = Color.FromArgb(64, Color.White);
image.WriteText("Hello World!", 100, 100, 45);

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

**Reference**

KalikoImage Class  
KalikoImage Members  
Overload List  
SetFont Method

This documentation was created using Document! X from Innovasys
**Kaliko.ImageLibrary Namespace : KalikoImage Class**

For a list of all members of this type, see KalikoImage members.

### Public Properties

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</tr>
<tr>
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<tr>
<td><strong>Color</strong></td>
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</tr>
<tr>
<td><strong>Height</strong></td>
<td>Image height.</td>
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<tr>
<td><strong>ImageRatio</strong></td>
<td>Width/height ratio of image.</td>
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<td><strong>IndexedPalette</strong></td>
<td>Check if the current image has an indexed palette.</td>
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<tr>
<td><strong>IntArray</strong></td>
<td>Int array matching PixelFormat.Format32bppArgb (bgrA in real life)</td>
</tr>
<tr>
<td><strong>IsLandscape</strong></td>
<td>Returns true if image has landscape ratio (wider than high).</td>
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<tr>
<td><strong>IsPortrait</strong></td>
<td>Returns true if image has portrait ratio (higher than wide).</td>
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**See Also**

**Reference**

KalikoImage Class
Kaliko.ImageLibrary Namespace

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**BackgroundColor Property**

- Collapse All  
- Language Filter: All

**Kaliko.ImageLibrary Namespace > KalikoImage Class :** BackgroundColor Property

Color used for background.

## Syntax

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

### Declaration

```
Public Property BackgroundColor As System.Drawing.Color
```

### Usage

```
Dim instance As KalikoImage
Dim value As System.Drawing.Color

instance.BackgroundColor = value
```

```
public System.Drawing.Color BackgroundColor {get; set;}
public read-write property BackgroundColor: System.Drawing.Color;
public function get,set BackgroundColor : System.Drawing.Color
public: __property System.Drawing.Color get_BackgroundColor();
public: __property void set_BackgroundColor(
    System.Drawing.Color value
);

public:
    property System.Drawing.Color BackgroundColor {
        System.Drawing.Color get();
        void set ( System.Drawing.Color value);}
```

## Requirements
Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Class
KalikoImage Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**ByteArray Property**

- Collapse All  
- Language Filter: All

Kaliko.ImageLibrary Namespace > KalikoImage Class : ByteArray Property


### Syntax

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

'Declaration

```vbnet
Public Property ByteArray As System.Byte()
```

'Usage

```vbnet
Dim instance As KalikoImage
Dim value() As System.Byte

instance.ByteArray = value
```

```csharp
public System.byte[][] ByteArray {get; set;}

public read-write property ByteArray: System.array of Byte;

public function get, set ByteArray : System.byte[]

public: __property System.byte[]* get_ByteArray();

public: __property void set_ByteArray(System.array<byte>[]* value)
```

```delphi
property System.array<byte>^ ByteArray {
    System.array<byte>^ get();
    void set ( System.array<byte>^ value);
}
```

### Requirements
**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Class
KalikoImage Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**Color Property**

- Collapse All  ▸ Language Filter: All

Kaliko.ImageLibrary Namespace > KalikoImage Class : Color Property

Color used for graphical operations such as writing text on image.

### Syntax

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

'Declaration

**Public Property** Color *As* System.Drawing.Color

'Declaration

**Public Property** Color *As* System.Drawing.Color

'Declaration

**Usage**

Dim instance *As* KalikoImage

Dim value *As* System.Drawing.Color

instance.Color = value

value = instance.Color

public System.Drawing.Color Color {get; set;}

public read-write property Color: System.Drawing.Color;

public function get, set Color : System.Drawing.Color

public: __property System.Drawing.Color get_Color();

public: __property void set_Color(

    System.Drawing.Color value

);

public:

property System.Drawing.Color Color {
    System.Drawing.Color get();
    void set ( System.Drawing.Color value);
}

### Requirements
**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

**Reference**

KalikoImage Class  
KalikoImage Members

This documentation was created using [Document! X](https://www.innovasys.com/) from Innovasys
Kaliko.ImageLibrary

**Height Property (KalikoImage)**

- Collapse All  
- Language Filter: All

Kaliko.ImageLibrary Namespace > KalikoImage Class : Height Property

Image height.

## Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```vbnet
Public ReadOnly Property Height As System.Integer
```

'Usage

```vbnet
Dim instance As KalikoImage
Dim value As System.Integer

value = instance.Height
```

```csharp
public System.int Height {get;}
```

```delphi
public read-only property Height: System.Integer;
```

```js
public function get Height : System.int
```

```cpp
public: __property System.int get_Height();
```

```cpp
public: property System.int Height {
    System.int get();
}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2
 Kaliko.ImageLibrary

**ImageRatio Property**

Dependencies:
- Collapse All
- Language Filter: All

Kaliko.ImageLibrary Namespace > KalikoImage Class : ImageRatio Property

Width/height ratio of image.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'**Declaration**

Public Readonly Property ImageRatio As System.Double

'**Usage**

Dim instance As KalikoImage
Dim value As System.Double

value = instance.ImageRatio

public System.double ImageRatio {get;}
public read-only property ImageRatio: System.Double;
public function get ImageRatio : System.double
public: __property System.double get_ImageRatio();
public:
property System.double ImageRatio {
    System.double get();
}

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2
See Also

Reference

KalikoImage Class
KalikoImage Members

This documentation was created using Document! X from Innovasys
IndexedPalette Property

Check if the current image has an indexed palette.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public ReadOnly Property IndexedPalette As System.Boolean

'Usage

Dim instance As KalikoImage
Dim value As System.Boolean

value = instance.IndexedPalette

public System.bool IndexedPalette {get;}
public read-only property IndexedPalette: System.Boolean;
public function get IndexedPalette : System.boolean
public: __property System.bool get_IndexedPalette();
public:
property System.bool IndexedPalette {
    System.bool get();
}

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2
See Also

Reference

KalikoImage Class
KalikoImage Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

IntArray Property

- Collapse All  - Language Filter: All

Kaliko.ImageLibrary Namespace > KalikoImage Class : IntArray Property

IntArray matching PixelFormat.Format32bppArgb (bgrA in real life)

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```vbnet
Public Property IntArray As System.Integer()
```

'Usage

```vbnet
Dim instance As KalikoImage
Dim value() As System.Integer

instance.IntArray = value
```

```csharp
public System.int[] IntArray {get; set;}
public read-write property IntArray: System.array of Integer;
public function get, set IntArray : System.int[]
public: __property System.int[]* get_IntArray();
public: __property void set_IntArray(
				System.array<int>[]* value
);
```

```delphi
property System.array<int>^ IntArray {
    System.array<int>^ get();
    void set ( System.array<int>^ value);
}
```

**Requirements**
**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

Reference

KalikoImage Class
KalikoImage Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

IsLandscape Property

Returns true if image has landscape ratio (wider than high).

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```vbnet
Public ReadOnly Property IsLandscape As System.Boolean
```

'Usage

```vbnet
Dim instance As KalikoImage
Dim value As System.Boolean

value = instance.IsLandscape
```

```
public System.bool IsLandscape {get;}
public read-only property IsLandscape: System.Boolean;
public function get IsLandscape : System.boolean
public: __property System.bool get_IsLandscape();
public:
    property System.bool IsLandscape {
        System.bool get();
    }
```

**Requirements**

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2
See Also

Reference

KalikoImage Class
KalikoImage Members

This documentation was created using Document! X from Innovasys
IsPortrait Property

Returns true if image has portrait ratio (higher than wide).

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public ReadOnly Property IsPortrait As System.Boolean

'Usage

Dim instance As KalikoImage
Dim value As System.Boolean

value = instance.IsPortrait

public System.bool IsPortrait {get;}
public read-only property IsPortrait: System.Boolean;
public function get IsPortrait : System.boolean
public: __property System.bool get_IsPortrait();
public:

property System.bool IsPortrait {
    System.bool get();
}

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2
See Also

Reference

KalikoImage Class
KalikoImage Members

This documentation was created using Document! X from Innovasys
IsSquare Property

Returns true if image has a 1:1 ratio (same width and height).

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public ReadOnly Property IsSquare As System.Boolean

'Usage

Dim instance As KalikoImage
Dim value As System.Boolean

value = instance.IsSquare

public System.bool IsSquare {get;}
public read-only property IsSquare: System.Boolean;
public function get IsSquare : System.boolean
public: __property System.bool get_IsSquare();
public:
property System.bool IsSquare {
    System.bool get();
}

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2
See Also

Reference

KalikoImage Class
KalikoImage Members

This documentation was created using Document! X from Innovasys
Size Property

Size of the image

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public ReadOnly Property Size As System.Drawing.Size

Usage

Dim instance As KalikoImage
Dim value As System.Drawing.Size

value = instance.Size
public System.Drawing.Size Size {get;}
public read-only property Size: System.Drawing.Size;
public function get Size : System.Drawing.Size
public: __property System.Drawing.Size get_Size();
public:
property System.Drawing.Size Size { 
    System.Drawing.Size get();
}

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2
See Also

Reference

KalikoImage Class
KalikoImage Members

This documentation was created using Document! X from Innovasys
TextRenderingHint Property

Rendering mode for text operations.

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Property TextRenderingHint As System.Drawing.Text.TextRenderingHint

'Usage

Dim instance As KalikoImage
Dim value As System.Drawing.Text.TextRenderingHint

instance.TextRenderingHint = value


Requirements
**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

KalikoImage Class
KalikoImage Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**Width Property (KalikoImage)**

- Collapse All  Language Filter: All

Kaliko.ImageLibrary Namespace > KalikoImage Class : Width Property

Image width.

### Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'**Declaration**

```vb
Public ReadOnly Property Width As System.Integer
```

'**Usage**

```vb
Dim instance As KalikoImage
Dim value As System.Integer
```

```vb
value = instance.Width
```

```csharp
public System.int Width {get;}
```

```csharp
public read-only property Width: System.Integer;
```

```csharp
public function get Width : System.int
```

```csharp
public: __property System.int get_Width();
```

```csharp
public:
property System.int Width {
    System.int get();
}
```

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2
See Also

Reference

KalikoImage Class
KalikoImage Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

Kaliko.ImageLibrary.ColorSpace

Namespace

Classes

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<td>Provides methods to convert from a color space to an other.</td>
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<tr>
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<tr>
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<td>Structure to define HSL.</td>
</tr>
<tr>
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<td>Structure to define RGB.</td>
</tr>
<tr>
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<td>Structure to define YUV.</td>
</tr>
</tbody>
</table>

See Also

Reference

Kaliko.ImageLibrary Assembly

This documentation was created using Document! X from InnovaSys
ColorSpaceHelper Class

Provides methods to convert from a color space to another.

Object Model

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public NotInheritable Class ColorSpaceHelper

'Usage

Dim instance As ColorSpaceHelper
public sealed class ColorSpaceHelper
public class ColorSpaceHelper sealed;
public sealed class ColorSpaceHelper
public __gc __sealed class ColorSpaceHelper
public ref class ColorSpaceHelper sealed

Inheritance Hierarchy

System.Object

Requirements
**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Members
Kaliko.ImageLibrary.ColorSpace Namespace

This documentation was created using Document! X from Innovasys
The following tables list the members exposed by `ColorSpaceHelper`.

## Public Methods

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<td>Converts CMYK to HSB.</td>
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<td>Converts CMYK to HSL.</td>
</tr>
<tr>
<td>CMYKtoRGB</td>
<td>Overloaded. Converts CMYK to RGB.</td>
</tr>
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<tr>
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<tr>
<td>GetSpectrumColors</td>
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<tr>
<td>HSBtoRGB</td>
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<td>HSLtoCMYK</td>
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**See Also**

**Reference**

- ColorSpaceHelper Class
- Kaliko.ImageLibrary.ColorSpace Namespace

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**ColorSpaceHelper Class Methods**

- Collapse All  Members Options: Show All

Kaliko.ImageLibrary.ColorSpace Namespace : ColorSpaceHelper Class

For a list of all members of this type, see [ColorSpaceHelper members](#).

### Public Methods

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<tr>
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<tr>
<td>HSLtoCMYK</td>
<td>Converts HSL to CMYK.</td>
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<tr>
<td>HSLtoColor</td>
<td>Overloaded. Converts HSL to .net Color.</td>
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<tr>
<td>HSLtoHSB</td>
<td>Converts HSL to HSB.</td>
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<tr>
<td>HSLtoRGB</td>
<td>Overloaded. Converts HSL to RGB.</td>
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<tr>
<td>Method</td>
<td>Description</td>
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<tr>
<td>-----------------</td>
<td>-----------------------------------------------------------------------------</td>
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<tr>
<td>HSLtoYUV</td>
<td>Converts HSL to YUV.</td>
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<tr>
<td>LabtoRGB</td>
<td>Overloaded. Converts CIELab to RGB.</td>
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<tr>
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<td>Overloaded. Converts CIELab to CIEXYZ.</td>
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<tr>
<td>RGBtoCMYK</td>
<td>Overloaded. Converts RGB to CMYK.</td>
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<tr>
<td>RGBToHex</td>
<td>Overloaded. Converts a RGB color format to an hexadecimal color.</td>
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<td>RGBtoHSB</td>
<td>Overloaded. Converts RGB to HSB.</td>
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<tr>
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<td>Overloaded. Converts RGB to HSL.</td>
</tr>
<tr>
<td>RGBtoLab</td>
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</tr>
<tr>
<td>RGBtoXYZ</td>
<td>Overloaded. Converts RGB to CIEXYZ (CIE 1931 color space)</td>
</tr>
<tr>
<td>RGBtoYUV</td>
<td>Overloaded. Converts RGB to YUV.</td>
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<tr>
<td>XYZtoLab</td>
<td>Overloaded. Converts CIEXYZ to CIELab structure.</td>
</tr>
<tr>
<td>XYZtoRGB</td>
<td>Overloaded. Converts CIEXYZ to RGB structure.</td>
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<tr>
<td>YUVtoCMYK</td>
<td>Converts YUV to CMYK.</td>
</tr>
<tr>
<td>YUVtoColor</td>
<td>Overloaded. Converts YUV to a .net Color.</td>
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<tr>
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<td>Converts YUV to HSB.</td>
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<tr>
<td>YUVtoRGB</td>
<td>Overloaded. Converts YUV to RGB.</td>
</tr>
</tbody>
</table>

See Also

Reference

ColorSpaceHelper Class
Kaliko.ImageLibrary.ColorSpace Namespace

This documentation was created using Document! X from Innovasys
**CMYKtoColor Method**

Converts CMYK to RGB.

### Overload List

<table>
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<tr>
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<tr>
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<td>Converts CMYK to RGB.</td>
</tr>
</tbody>
</table>

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

### See Also

**Reference**

ColorSpaceHelper Class
ColorSpaceHelper Members

This documentation was created using Document! X from Innovasys
CMYKtoColor(Single, Single, Single, Single) Method

Converts CMYK to RGB.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

```vbnet
Public Overloads Shared Function CMYKtoColor( _
    ByVal c As System.Single, _
    ByVal m As System.Single, _
    ByVal y As System.Single, _
    ByVal k As System.Single _
) As System.Drawing.Color
End Function
```

```csharp
class ColorSpaceHelper
{
    static System.Drawing.Color CMYKtoColor(
        System.Single c,
        System.Single m,
        System.Single y,
        System.Single k
    )
}
```
public function CMYKtoColor(
    c: System.Single;
    m: System.Single;
    y: System.Single;
    k: System.Single
    ): System.Drawing.Color; static;

public static function CMYKtoColor(
    c : System.float,
    m : System.float,
    y : System.float,
    k : System.float
    ) : System.Drawing.Color;

public: static System.Drawing.Color CMYKtoColor(
    System.float c,
    System.float m,
    System.float y,
    System.float k
    )

public:
static System.Drawing.Color CMYKtoColor(
    System.float c,
    System.float m,
    System.float y,
    System.float k
    )

Parameters

c  Cyan value (must be between 0 and 1).

m  Magenta value (must be between 0 and 1).

y  Yellow value (must be between 0 and 1).

k  Black value (must be between 0 and 1).

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2
See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
**CMYKtoColor(Double,Double,Double,Double) Method**

Converts CMYK to RGB.

### Syntax

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

**Declaration**

```vbnet
Public Overloads Shared Function CMYKtoColor( _
    ByVal c As System.Double, _
    ByVal m As System.Double, _
    ByVal y As System.Double, _
    ByVal k As System.Double _
) As System.Drawing.Color
```

**Usage**

```vbnet
dim c as system.double
dim m as system.double
dim y as system.double
dim k as system.double
dim value as system.color

value = colorhelper.cmyktoColor(c, m, y, k)
```

```csharp
public static System.Drawing.Color CMYKtoColor(  
    System.double c,  
    System.double m,  
    System.double y,  
    System.double k  
)  
```
public function CMYKtoColor(
    c: System.Double;
    m: System.Double;
    y: System.Double;
    k: System.Double
): System.Drawing.Color; static;
public static function CMYKtoColor(
    c : System.double,
    m : System.double,
    y : System.double,
    k : System.double
) : System.Drawing.Color;
public: static System.Drawing.Color CMYKtoColor(
    System.double c,
    System.double m,
    System.double y,
    System.double k
)
public:
static System.Drawing.Color CMYKtoColor(
    System.double c,
    System.double m,
    System.double y,
    System.double k
)

Parameters

c
    Cyan value (must be between 0 and 1).

m
    Magenta value (must be between 0 and 1).

y
    Yellow value (must be between 0 and 1).

k
    Black value (must be between 0 and 1).

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2
See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from InnovaSys
CMYKtoColor(CMYK) Method

Converts CMYK to RGB.

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Overloads Shared Function CMYKtoColor( _
   ByVal cmyk As CMYK _
) As System.Drawing.Color

'Usage

Dim cmyk As CMYK
Dim value As System.Drawing.Color

value = ColorSpaceHelper.CMYKtoColor(cmyk)
public static System.Drawing.Color CMYKtoColor(  
   CMYK cmyk
)

public function CMYKtoColor(  
   cmyk: CMYK  
): System.Drawing.Color; static;
public static function CMYKtoColor(  
   cmyk: CMYK  
public: static System.Drawing.Color CMYKtoColor(  
   CMYK cmyk
)

public:
static System.Drawing.Color CMYKtoColor(  
   CMYK cmyk
)
Parameters

cmyk

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
CMYKtoHSB Method

Converts CMYK to HSB.

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Shared Function CMYKtoHSB( _
    ByVal c As System.Double, _
    ByVal m As System.Double, _
    ByVal y As System.Double, _
    ByVal k As System.Double _
) As HSB

'Usage

Dim c As System.Double
Dim m As System.Double
Dim y As System.Double
Dim k As System.Double
Dim value As HSB

value = ColorSpaceHelper.CMYKtoHSB(c, m, y, k)

public static HSB CMYKtoHSB( 
    System.double c,
    System.double m,
    System.double y,
    System.double k
)

public function CMYKtoHSB( 
    c: System.Double;
    m: System.Double;
    y: System.Double;
)
```csharp
    k: System.Double
    HSB; static;
public static function CMYKtoHSB(
    c : System.double,
    m : System.double,
    y : System.double,
    k : System.double
) : HSB;
public: static HSB CMYKtoHSB(
    System.double c,
    System.double m,
    System.double y,
    System.double k
)
public:
static HSB CMYKtoHSB(
    System.double c,
    System.double m,
    System.double y,
    System.double k
)
```

**Parameters**

- `c`
- `m`
- `y`
- `k`

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

**Reference**

- ColorSpaceHelper Class
- ColorSpaceHelper Members
Kaliko.ImageLibrary

**CMYKtoHSL Method**

- Collapse All  - Language Filter: All

*Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class : CMYKtoHSL Method*

Converts CMYK to HSL.

### Syntax

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

'**Declaration**

```csharp
Public Shared Function CMYKtoHSL(  
    ByVal c As System.Double,  _
    ByVal m As System.Double,  _
    ByVal y As System.Double,  _
    ByVal k As System.Double)  
) As HSL
```

'**Usage**

```csharp
Dim c As System.Double
Dim m As System.Double
Dim y As System.Double
Dim k As System.Double
Dim value As HSL

value = ColorSpaceHelper.CMYKtoHSL(c, m, y, k)
```

```csharp
public static HSL CMYKtoHSL(  
    System.double c,
    System.double m,
    System.double y,
    System.double k
)
```

```csharp
public function CMYKtoHSL(  
    c: System.Double;
    m: System.Double;
    y: System.Double;
```

Parameters

- c
- m
- y
- k

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

- ColorSpaceHelper Class
- ColorSpaceHelper Members
This documentation was created using Document! X from Innovasys
CMYKtoRGB Method

Converting CMYK to RGB.

**Overload List**

<table>
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<th>Overload</th>
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<td>CMYKtoRGB(Double,Double,Double,Double)</td>
<td>Converts CMYK to RGB.</td>
</tr>
<tr>
<td>CMYKtoRGB(CMYK)</td>
<td>Converts CMYK to RGB.</td>
</tr>
</tbody>
</table>

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members

This documentation was created using Document! X from Innovasys.
CMYKtoRGB(Double,Double,Double,Double,Double) Method

Converts CMYK to RGB.

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Overloads Shared Function CMYKtoRGB( _
   ByVal c As System.Double, _
   ByVal m As System.Double, _
   ByVal y As System.Double, _
   ByVal k As System.Double _
) As RGB

'Usage

Dim c As System.Double
Dim m As System.Double
Dim y As System.Double
Dim k As System.Double
Dim value As RGB

value = ColorSpaceHelper.CMYKtoRGB(c, m, y, k)

public static RGB CMYKtoRGB(
   System.double c,
   System.double m,
   System.double y,
   System.double k
)
public function CMYKtoRGB(
    c: System.Double;
    m: System.Double;
    y: System.Double;
    k: System.Double
): RGB; static;
public static function CMYKtoRGB(
    c: System.Double,
    m: System.Double,
    y: System.Double,
    k: System.Double
): RGB;
public: static RGB CMYKtoRGB(
    System.double c,
    System.double m,
    System.double y,
    System.double k
)

Parameters

$c$  
Cyan value (must be between 0 and 1).
$m$  
Magenta value (must be between 0 and 1).
$y$  
Yellow value (must be between 0 and 1).
$k$  
Black value (must be between 0 and 1).

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2
See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
**CMYKtoRGB(CMYK) Method**

Converts CMYK to RGB.

### Syntax

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

#### 'Declaration

```vbnet
Public Overloads Shared Function CMYKtoRGB( _
    ByVal cmyk As CMYK _
) As RGB
```

#### 'Usage

```vbnet
Dim cmyk As CMYK
Dim value As RGB

value = ColorSpaceHelper.CMYKtoRGB(cmyk)
```

```csharp
public static RGB CMYKtoRGB(
    CMYK cmyk
)
```

```delphi
procedure CMYKtoRGB(
    cmyk: CMYK;
); static;
```

```javascript
public static function CMYKtoRGB(
    cmyk : CMYK
) : RGB;
```

```cpp
public: static RGB CMYKtoRGB(
    CMYK cmyk
)
```

```c++
public:
static RGB CMYKtoRGB(
    CMYK cmyk
)
Parameters

cmyk

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**CMYKtoYUV Method**

- Collapse All  
- Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class : CMYKtoYUV Method

Converts CMYK to YUV.

## Syntax

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

### 'Declaration

```vbnet
Public Shared Function CMYKtoYUV(_
    ByVal c As System.Double, _
    ByVal m As System.Double, _
    ByVal y As System.Double, _
    ByVal k As System.Double _
) As YUV
```

### 'Usage

```vbnet
Dim c As System.Double
Dim m As System.Double
Dim y As System.Double
Dim k As System.Double
Dim value As YUV

value = ColorSpaceHelper.CMYKtoYUV(c, m, y, k)
```

```csharp
public static YUV CMYKtoYUV(
    System.double c,
    System.double m,
    System.double y,
    System.double k
)
```

```delphi
public function CMYKtoYUV(
    c: System.Double;
    m: System.Double;
    y: System.Double;
```
### Parameters

- **c**
- **m**
- **y**
- **k**

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

### See Also

Reference

- ColorSpaceHelper Class
- ColorSpaceHelper Members
This documentation was created using Document! X from Innovasys
**GetColorDistance Method**

 gets the "distance" between two colors. RGB colors must be normalized (eg. values in [0.0, 1.0]).

<table>
<thead>
<tr>
<th>Overload</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GetColorDistance(Double,Double,Double,Double,Double,Double)</strong></td>
<td>Gets the &quot;distance&quot; between two colors. RGB colors must be normalized (eg. values in [0.0, 1.0]).</td>
</tr>
<tr>
<td><strong>GetColorDistance(Double[],Double[])</strong></td>
<td>Gets the &quot;distance&quot; between two colors. RGB colors must be normalized (eg. values in [0.0, 1.0]).</td>
</tr>
<tr>
<td><strong>GetColorDistance(Color,Color)</strong></td>
<td>Gets the &quot;distance&quot;</td>
</tr>
</tbody>
</table>
Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**GetColorDistance(Double,Double,Double,Double)**

Method

Collapse All  Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class > GetColorDistance Method :

GetColorDistance(Double,Double,Double,Double,Double,Double) Method

Gets the "distance" between two colors. RGB colors must be normalized (eg. values in [0.0, 1.0]).

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

**Declaration**

Public Overloads Shared Function GetColorDistance( _
    ByVal r1 As System.Double, _
    ByVal g1 As System.Double, _
    ByVal b1 As System.Double, _
    ByVal r2 As System.Double, _
    ByVal g2 As System.Double, _
    ByVal b2 As System.Double _
) As System.Double

**Usage**

```
Dim r1 As System.Double
Dim g1 As System.Double
Dim b1 As System.Double
Dim r2 As System.Double
Dim g2 As System.Double
Dim b2 As System.Double
Dim value As System.Double

value = ColorSpaceHelper.GetColorDistance(r1, g1, b1, r2, g2, b2)
```
public function GetColorDistance(
    r1: System.Double;
    g1: System.Double;
    b1: System.Double;
    r2: System.Double;
    g2: System.Double;
    b2: System.Double
): System.Double; static;
public static function GetColorDistance(
    r1 : System.double,
    g1 : System.double,
    b1 : System.double,
    r2 : System.double,
    g2 : System.double,
    b2 : System.double
): System.double;
public: static System.double GetColorDistance(
    System.double r1,
    System.double g1,
    System.double b1,
    System.double r2,
    System.double g2,
    System.double b2
)

Parameters

r1
   First color red component.

 g1
   First color green component.
First color blue component.

Second color red component.

Second color green component.

Second color blue component.

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

**Reference**

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
**GetColorDistance(Double[],Double[]) Method**

- Collapse All  
- Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class > GetColorDistance Method: GetColorDistance(Double[],Double[]) Method

Gets the "distance" between two colors. RGB colors must be normalized (eg. values in [0.0, 1.0]).

### Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

#### 'Declaration

```vbnet
Public Overloads Shared Function GetColorDistance( _
    ByVal color1() As System.Double, _
    ByVal color2() As System.Double _
) As System.Double
```

#### 'Usage

```vbnet
Dim color1() As System.Double
Dim color2() As System.Double
Dim value As System.Double

value = ColorSpaceHelper.GetColorDistance(color1, color2)
```

```csharp
public static System.double GetColorDistance(
    System.double[] color1,
    System.double[] color2
)
```

```delphi
public function GetColorDistance(  
    color1: System.Doublearray of;
    color2: System.Doublearray of
) : System.Double; static;
```

```javascript
public static function GetColorDistance(  
```

```cpp
public static function GetColorDistance(  
```

```cli
public static function GetColorDistance(  
```

```
color1 : System.double[],
color2 : System.double[]
): System.double;
public: static System.double GetColorDistance(
    System.double[]* color1,
    System.double[]* color2
)
public:
static System.double GetColorDistance(
    System.array<double>[]^ color1,
    System.array<double>[]^ color2
)
```

**Parameters**

- **color1**
  - First color [r,g,b]
- **color2**
  - Second color [r,g,b]

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

- Reference
  - ColorSpaceHelper Class
  - ColorSpaceHelper Members
  - Overload List

This documentation was created using **Document!X** from Innovasy
Kaliko.ImageLibrary

**GetColorDistance(Color,Color) Method**

› Collapse All  › Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class > GetColorDistance Method : GetColorDistance(Color,Color) Method

Gets the "distance" between two colors.

### Syntax

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

#### 'Declaration

```vbnet
Public Overloads Shared Function GetColorDistance( _
    ByVal c1 As System.Drawing.Color, _
    ByVal c2 As System.Drawing.Color _
) As System.Double
```

#### 'Usage

```vbnet
Dim c1 As System.Drawing.Color
Dim c2 As System.Drawing.Color
Dim value As System.Double

value = ColorSpaceHelper.GetColorDistance(c1, c2)
```

```csharp
public static System.double GetColorDistance(
    System.Drawing.Color c1,
    System.Drawing.Color c2
)
```

```delphi
public function GetColorDistance(
    c1: System.Drawing.Color;
    c2: System.Drawing.Color
): System.double; static;
```

```jscript
public static function GetColorDistance(
    c1 : System.Drawing.Color,
    c2 : System.Drawing.Color
): System.double;
```

```cpp
public: static System.double GetColorDistance(```
public:
static System::double GetColorDistance(System::Drawing::Color c1, System::Drawing::Color c2)
}

Parameters

c1
c2

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**GetSpectrumColors Method**

- Collapse All  Language Filter: All


Gets visible spectrum colors.

## Overload List

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## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

- Reference
  - ColorSpaceHelper Class
  - ColorSpaceHelper Members

This documentation was created using Document! X from Innovasys
**GetSpectrumColors(Int32) Method**

Gets visible spectrum colors.

### Syntax

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

#### 'Declaration

```vbnet
Public Overloads Shared Function GetSpectrumColors( _
   ByVal alpha As System.Integer _
) As System.Drawing.Color()
```

#### 'Usage

```vbnet
Dim alpha As System.Integer
Dim value() As System.Drawing.Color

value = ColorSpaceHelper.GetSpectrumColors(alpha)
```

```csharp
public static System.Drawing.Color[] GetSpectrumColors(  
   System.int alpha
)
```

```delphi
public function GetSpectrumColors(  
   alpha: System.Integer  
): System.Drawing.array of Color;  
static;
```

```jscript
public static function GetSpectrumColors(  
   alpha : System.int
```

```cpp
   System.int alpha
)
```

```cpp
public:  
static System.Drawing.array<
Color>^ GetSpectrumColors(  
   System.int alpha
```
Parameters

alpha
   The alpha value used for each colors.

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
Gets visible spectrum colors.

**Syntax**

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

**Declaration**

```vbnet
Public Overloads Shared Function GetSpectrumColors() As System.Drawing.Color
```

```csharp
public static System.Drawing.Color[] GetSpectrumColors()
```

```delphi
public function GetSpectrumColors(): System.Drawing.array of Color
```

```jscript
public static function GetSpectrumColors(): System.Drawing.Color[]
```

```csharp
```

```csharp
public: static System.Drawing.array<Color>^ GetSpectrumColors();
```

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**
Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
### GetWheelColors Method

Gets visible colors (color wheel).

#### Syntax

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

#### Declaration

```vbscript
Public Shared Function GetWheelColors( _
    ByVal alpha As System.Integer _
) As System.Drawing.Color()
```

#### Usage

```vbnet
Dim alpha As System.Integer
Dim value() As System.Drawing.Color

value = ColorSpaceHelper.GetWheelColors(alpha)
```

```csharp
public static System.Drawing.Color[] GetWheelColors(
    System.Int alpha
)
```

```delphi
public function GetWheelColors(
    alpha: System.Integer
): System.Drawing.array of Color; static;
```

```javascript
public static System.Drawing.Color[] GetWheelColors(
    System.Int alpha
)
```

```cpp
public: static System.Drawing.Color[]* GetWheelColors(
    System.Int alpha
)
```

```clil
public:
static System.Drawing.array<Color>* GetWheelColors(
    System.Int alpha
)
```
Parameters

alpha
The alpha value used for each colors.

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**HexToColor Method**

- Collapse All  - Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class : HexToColor Method

Converts a Hex color to a .net Color.

**Syntax**

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

'**Declaration**

**Visual Basic**

```vbnet
Public Shared Function HexToColor( _
    ByVal hexColor As System.String _
) As System.Drawing.Color
```

**Usage**

```vbnet
Dim hexColor As System.String
Dim value As System.Drawing.Color

value = ColorSpaceHelper.HexToColor(hexColor)
```

**C#**

```csharp
public static System.Drawing.Color HexToColor(
    System.String hexColor
)
```

**Usage**

```csharp
public:
    static System.Drawing.Color HexToColor(
        System.String^ hexColor
    )
```

**Delphi**

```delphi
public function HexToColor(
    hexColor: System.String
): System.Drawing.Color; static;
```

**Usage**

```delphi
function HexToColor(
    hexColor: System.String
```

**JScript**

```jscript
public function HexToColor(
    hexColor: System.String
```

**Managed Extensions for C++**

```cpp
public:
    static System.Drawing.Color HexToColor(
        System.String^ hexColor
    )
```

**C++/CLI**

```cpp
public:
    static System.Drawing.Color HexToColor(
        System.String^ hexColor
    )
```
Parameters

(hexColor)

The desired hexadecimal color to convert.

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**HSBtoCMYK Method**

› Collapse All  › Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class : HSBtoCMYK Method

Converts HSB to CMYK.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```vbnet
Public Shared Function HSBtoCMYK( _
    ByVal h As System.Double, _
    ByVal s As System.Double, _
    ByVal b As System.Double _
) As CMYK
```

'Usage

```vbnet
Dim h As System.Double
Dim s As System.Double
Dim b As System.Double
Dim value As CMYK

value = ColorSpaceHelper.HSBtoCMYK(h, s, b)
```

```csharp
public static CMYK HSBtoCMYK(
    System.double h,
    System.double s,
    System.double b
)
```

```delphi
public function HSBtoCMYK(  
    h: System.Double;
    s: System.Double;
    b: System.Double
): CMYK; static;
```

```javascript
public static function HSBtoCMYK(  
    h : System.double,
```
\texttt{s : System.double,}
\texttt{b : System.double}
\texttt{)} : CMYK;
\texttt{public: static CMYK HSBtoCMYK(}
\texttt{    System.double h,}
\texttt{    System.double s,}
\texttt{    System.double b}
\texttt{)}
\texttt{public:}
\texttt{static CMYK HSBtoCMYK(}
\texttt{    System.double h,}
\texttt{    System.double s,}
\texttt{    System.double b}
\texttt{)}

\textbf{Parameters}

\texttt{h}
\texttt{s}
\texttt{b}

\section{Requirements}

\textbf{Target Platforms:} Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

\section{See Also}

\textbf{Reference}

\texttt{ColorSpaceHelper Class}
\texttt{ColorSpaceHelper Members}

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**HSBtoColor Method**

Collide All  Language Filter: All


Converts HSB to Color.

### Overload List

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### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

### See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members

This documentation was created using Document! X from Innovasys
**HSBtoColor(HSB) Method**

Converts HSB to Color.

**Syntax**

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

**Declaration**

```vbnet
Public Overloads Shared Function HSBtoColor(_
    ByVal hsb As HSB _
) As System.Drawing.Color
```

**Usage**

```vbnet
Dim hsb As HSB
Dim value As System.Drawing.Color

value = ColorSpaceHelper.HSBtoColor(hsb)
```

```csharp
public static System.Drawing.Color HSBtoColor(
    HSB hsb
)
```

```delphi
public function HSBtoColor(  
    hsb: HSB  
): System.Drawing.Color; static;
```

```javascript
public static function HSBtoColor(
    hsb : HSB  
```

```cpp
public: static System.Drawing.Color HSBtoColor(
    HSB hsb
)
```

```cpp
public:
static System.Drawing.Color HSBtoColor(
    HSB hsb
)
Parameters

hsb

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
Converting HSB to a .NET Color.

**Syntax**

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

'**Declaration**

```vbnet
Public Overloads Shared Function HSBtoColor(_
    ByVal h As System.Double, _
    ByVal s As System.Double, _
    ByVal b As System.Double _
) As System.Drawing.Color
```

'**Usage**

```vbnet
Dim h As System.Double
Dim s As System.Double
Dim b As System.Double
Dim value As System.Drawing.Color

value = ColorSpaceHelper.HSBtoColor(h, s, b)
```

```csharp
public static System.Drawing.Color HSBtoColor(
    System.double h,
    System.double s,
    System.double b
)
```

```delphi
public function HSBtoColor(
    h: System.Double;
    s: System.Double;
    b: System.Double
): System.Drawing.Color; static;
```

```js
public static function HSBtoColor(
    h: System.Double;
    s: System.Double;
    b: System.Double
```
$$\begin{align*}
h & : \text{System}\.\text{double}, \\
s & : \text{System}\.\text{double}, \\
b & : \text{System}\.\text{double}
\end{align*}$$

): \text{System}\.\text{Drawing}\.\text{Color};

public static System.Drawing.Color HSBtoColor(
    System.double h,
    System.double s,
    System.double b
)

public:
static System.Drawing.Color HSBtoColor(
    System.double h,
    System.double s,
    System.double b
)

Parameters

**h**

Hue value (must be between 0 and 360).

**s**

Saturation value (must be between 0 and 1).

**b**

Brightness value (must be between 0 and 1).

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
**HSBtoColor(Int32,Int32,Int32) Method**

> Converts HSB to Color.

### Syntax

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

#### Declaration

```csharp
Public Overloads Shared Function HSBtoColor( _
    ByVal h As System.Integer, _
    ByVal s As System.Integer, _
    ByVal b As System.Integer _
) As System.Drawing.Color
```

#### Usage

```csharp
Dim h As System.Integer
Dim s As System.Integer
Dim b As System.Integer
Dim value As System.Drawing.Color

value = ColorSpaceHelper.HSBtoColor(h, s, b)
```

```csharp
public static System.Drawing.Color HSBtoColor( System.int h,
                                               System.int s,
                                               System.int b)
```

```csharp
public function HSBtoColor(    
    h: System.Integer;
    s: System.Integer;
    b: System.Integer
): System.Drawing.Color; static;
```

```csharp
public static function HSBtoColor( System.int h,
                                    System.int s,
                                    System.int b)
```

public: static System.Drawing.Color HSBtoColor(
    System.int h,
    System.int s,
    System.int b
)

Parameters

h
    Hue value.

s
    Saturation value.

b
    Brightness value.

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
**HSBtoHSL Method**

Converts HSB to HSL.

**Syntax**

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

**Declaration**

```vbscript
Public Shared Function HSBtoHSL( _
    ByVal h As System.Double, _
    ByVal s As System.Double, _
    ByVal b As System.Double _
) As HSL
```

**Usage**

```vbscript
Dim h As System.Double
Dim s As System.Double
Dim b As System.Double
Dim value As HSL

value = ColorSpaceHelper.HSBtoHSL(h, s, b)
```

```csharp
public static HSL HSBtoHSL(_
    System.double h,
    System.double s,
    System.double b
)
```

```delphi
public function HSBtoHSL( _
    h: System.Double;
    s: System.Double;
    b: System.Double
): HSL; static;
```

```jscript
public static function HSBtoHSL( _
    h : System.double,
```

s : System\n
double,
b : System\n
double
)
: HSL;

\textbf{Parameters}

\textit{h}

\textit{s}

\textit{b}

\textbf{Requirements}

\textbf{Target Platforms:} Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

\textbf{See Also}

\textbf{Reference}

\textbf{ColorSpaceHelper Class}

\textbf{ColorSpaceHelper Members}

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**HSBtoRGB Method**

› Collapse All  › Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class : HSBtoRGB Method

Converts HSB to RGB.

**Overload List**

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</table>

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members

This documentation was created using Document! X from Innovasys
**HSBtoRGB( HSB ) Method**

Converts HSB to RGB.

### Syntax

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

#### 'Declaration

```vbnet
Public Overloads Shared Function HSBtoRGB( _
    ByVal hsb As HSB _
) As RGB
```

#### 'Usage

```vbnet
Dim hsb As HSB
Dim value As RGB

value = ColorSpaceHelper.HSBtoRGB(hsb)
```

```csharp
public static RGB HSBtoRGB(
    HSB hsb
)
```

```delphi
public function HSBtoRGB(  
    hsb: HSB  
): RGB; static;
```

```js
public static function HSBtoRGB(  
    hsb : HSB  
): RGB;
```

```cpp
public: static RGB HSBtoRGB(  
    HSB hsb  
)
```

```clike
static RGB HSBtoRGB(  
    HSB hsb  
)
Parameters

*hsb*

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using **Document! X** from Innovasys
**HSBtoRGB(Double,Double,Double) Method**

Converts HSB to RGB.

### Syntax

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

#### 'Declaration

```vbnet
Public Overloads Shared Function HSBtoRGB( _
    ByVal h As System.Double, _
    ByVal s As System.Double, _
    ByVal b As System.Double _
) As RGB
```

#### Usage

```vbnet
Dim h As System.Double
Dim s As System.Double
Dim b As System.Double
Dim value As RGB

value = ColorSpaceHelper.HSBtoRGB(h, s, b)
```

```csharp
public static RGB HSBtoRGB(
    System.double h,
    System.double s,
    System.double b
)
```

```delphi
public function HSBtoRGB(  
    h: System.Double;
    s: System.Double;
    b: System.Double
): RGB; static;
```

```javascript
public static function HSBtoRGB(  
    h: System.Double;
    s: System.Double;
    b: System.Double
)
```

```cpp
public static function HSBtoRGB(  
    h: System.Double;
    s: System.Double;
    b: System.Double
)
```
Parameters

- $h$
- $s$
- $b$

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**HSBtoYUV Method**

- Collapse All  
- Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class : HSBtoYUV Method

Converts HSB to CMYK.

### Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```vbnet
Public Shared Function HSBtoYUV( _
    ByVal h As System.Double, _
    ByVal s As System.Double, _
    ByVal b As System.Double _
) As YUV
'Usage

Dim h As System.Double
Dim s As System.Double
Dim b As System.Double
Dim value As YUV

value = ColorSpaceHelper.HSBtoYUV(h, s, b)
```

```csharp
public static YUV HSBtoYUV(
    System.double h,
    System.double s,
    System.double b
)
```

```delphi
public function HSBtoYUV(
    h: System.Double;
    s: System.Double;
    b: System.Double
): YUV; static;

public static function HSBtoYUV(
    h : System.double,
public: static YUV HSBtoYUV(System.double h, System.double s, System.double b)
)

Parameters

h
s
b

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members

This documentation was created using Document! X from Innovsys
HSLtoCMYK Method

Converts HSL to CMYK.

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Shared Function HSLtoCMYK(  
   ByVal h As System.Double,  
   ByVal s As System.Double,  
   ByVal l As System.Double  
) As CMYK

'Usage

Dim h As System.Double
Dim s As System.Double
Dim l As System.Double
Dim value As CMYK

value = ColorSpaceHelper.HSLtoCMYK(h, s, l)

public static CMYK HSLtoCMYK(  
   System.double h,  
   System.double s,  
   System.double l  
)

public function HSLtoCMYK(  
   h: System.Double;  
   s: System.Double;  
   l: System.Double  
): CMYK; static;

public static function HSLtoCMYK(  
   h : System.double,
\begin{verbatim}
    s : System.Double,
    l : System.Double
)
public: static CMYK HSLtoCMYK(
    System.Double h,
    System.Double s,
    System.Double l
)
public:
static CMYK HSLtoCMYK(
    System.Double h,
    System.Double s,
    System.Double l
)
\end{verbatim}

**Parameters**

- \( h \)
- \( s \)
- \( l \)

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

- Reference

  - ColorSpaceHelper Class
  - ColorSpaceHelper Members

This documentation was created using Document! X from Innovasys
HSLtoColor Method

Converts HSL to .net Color.

**Overload List**

<table>
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<th>Description</th>
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<tbody>
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<td>HSLtoColor(Double,Double,Double)</td>
<td>Converts HSL to .net Color.</td>
</tr>
<tr>
<td>HSLtoColor(HSL)</td>
<td>Converts HSL to .net Color.</td>
</tr>
</tbody>
</table>

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members

This documentation was created using Document! X from Innovasys

HSLtoColor(Double,Double,Double) Method

Converts HSL to .net Color.

\section*{Syntax}

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

\section*{'Declaration}

\texttt{Public Overloads Shared Function HSLtoColor( } \_ \texttt{ByVal h As System.Double, } \_ \texttt{ByVal s As System.Double, } \_ \texttt{ByVal l As System.Double } \_ \texttt{)} \texttt{As System.Drawing.Color}

\section*{'Usage}

\texttt{Dim h As System.Double}
\texttt{Dim s As System.Double}
\texttt{Dim l As System.Double}
\texttt{Dim value As System.Drawing.Color}

\texttt{value = ColorSpaceHelper.HSLtoColor(h, s, l)}
\texttt{public static System.Drawing.Color HSLtoColor(}
\texttt{ System.double h,}
\texttt{ System.double s,}
\texttt{ System.double l}
\texttt{)}
\texttt{public static function HSLtoColor(}
\texttt{ h: System.Double;}
\texttt{ s: System.Double;}
\texttt{ l: System.Double}
\texttt{): System.Drawing.Color; static;}
\texttt{public static function HSLtoColor(}
public: static System.Drawing.Color HSLtoColor(
    System.double h,
    System.double s,
    System.double l
)

Parameters

h
s
l

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

HSLtoColor(HSL) Method

Converts HSL to .net Color.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```visual-basic
Public Overloads Shared Function HSLtoColor( _
    ByVal hsl As HSL _
) As System.Drawing.Color
```

'Usage

```vbnet
Dim hsl As HSL
Dim value As System.Drawing.Color
value = ColorSpaceHelper.HSLtoColor(hsl)
```

```csharp
public static System.Drawing.Color HSLtoColor( HSL hsl )
```

```delphi
public function HSLtoColor( hsl: HSL )
end function
```

```javascript
public static System.Drawing.Color HSLtoColor( HSL hsl )
```

```cpp
public static System.Drawing.Color HSLtoColor( HSL hsl )
```

```c++/cli
public static System.Drawing.Color HSLtoColor( HSL hsl )
```
Parameters

hsl

The HSL structure to convert.

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

HSLtoHSB Method

Converting HSL to HSB.

**Syntax**

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

'Declaration

```vbnet
Public Shared Function HSLtoHSB( _
    ByVal h As System.Double, _
    ByVal s As System.Double, _
    ByVal l As System.Double _
) As HSB
'Usage

Dim h As System.Double
Dim s As System.Double
Dim l As System.Double
Dim value As HSB

value = ColorSpaceHelper.HSLtoHSB(h, s, l)

public static HSB HSLtoHSB( System.double h,
    System.double s,
    System.double l
)

public function HSLtoHSB( 
    h: System.Double;
    s: System.Double;
    l: System.Double
): HSB; static;

public static function HSLtoHSB( 
    h : System.double,
```
\( s : \) System\_double,
\( l : \) System\_double

\)

\[
\text{public: static HSB HSLtoHSB(}
\text{ System\_double } h, \\
\text{ System\_double } s, \\
\text{ System\_double } l
\text{ )}
\]

\[
\text{public:}
\text{ static HSB HSLtoHSB(}
\text{ System\_double } h, \\
\text{ System\_double } s, \\
\text{ System\_double } l
\text{ )}
\]

**Parameters**

\( h \)
\( s \)
\( l \)

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members

This documentation was created using Document! X from Innovasys
**HSLtoRGB Method**

Converts HSL to RGB.

### Overload List

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<th>Description</th>
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</thead>
<tbody>
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<td>Converts HSL to RGB.</td>
</tr>
<tr>
<td>HSLtoRGB(HSL)</td>
<td>Converts HSL to RGB.</td>
</tr>
</tbody>
</table>

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

### See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members

This documentation was created using Document! X from Innovasys
Converts HSL to RGB.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```vbnet
Public Overloads Shared Function HSLtoRGB( __
  ByVal h As System.Double, __
  ByVal s As System.Double, __
  ByVal l As System.Double _
) As RGB
```

Usage

```vbnet
Dim h As System.Double
Dim s As System.Double
Dim l As System.Double
Dim value As RGB

value = ColorSpaceHelper.HSLtoRGB(h, s, l)
```

```csharp
public static RGB HSLtoRGB(
  System.double h,
  System.double s,
  System.double l
)
```

```delphi
public function HSLtoRGB(  
  h: System.Double;
  s: System.Double;
  l: System.Double
): RGB; static;
```

```javascript
public static function HSLtoRGB(
```
\( h \) : System.double,
\( s \) : System.double,
\( l \) : System.double

\)

\[ \text{RGB} \]

\[ \text{public: static RGB HSLtoRGB(} \]
\[ \text{System.double h,} \]
\[ \text{System.double s,} \]
\[ \text{System.double l } \]
\[ \text{)} \]
\[ \text{public:} \]
\[ \text{static RGB HSLtoRGB(} \]
\[ \text{System.double h,} \]
\[ \text{System.double s,} \]
\[ \text{System.double l } \]
\[ \text{)} \]

\[ \text{Parameters} \]

\( h \)

Hue, must be in \([0, 360]\).

\( s \)

Saturation, must be in \([0, 1]\).

\( l \)

Luminance, must be in \([0, 1]\).

\[ \text{Requirements} \]

\[ \text{Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2} \]

\[ \text{See Also} \]

\[ \text{Reference} \]

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
Converts HSL to RGB.

**Syntax**

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

'Declaration

```vbnet
Public Overloads Shared Function HSLtoRGB(_
    ByVal hsl As HSL _
) As RGB
'Usage

Dim hsl As HSL
Dim value As RGB

value = ColorSpaceHelper.HSLtoRGB(hsl)
```

```csharp
public static RGB HSLtoRGB(
    HSL hsl
);
```

```delphi
public function HSLtoRGB(   
    hsl: HSL   
): RGB; static;
```

```jscript
public static function HSLtoRGB(
    hsl : HSL
) : RGB;
```

```c++
public: static RGB HSLtoRGB(
    HSL hsl
)
```

```cpp
static RGB HSLtoRGB(
    HSL hsl
)
Parameters

`hsl`

The HSL structure to convert.

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

HSLtoYUV Method

 Converts HSL to YUV.

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Shared Function HSLtoYUV( _
    ByVal h As System.Double, _
    ByVal s As System.Double, _
    ByVal l As System.Double _
) As YUV

Usage

Dim h As System.Double
Dim s As System.Double
Dim l As System.Double
Dim value As YUV

value = ColorSpaceHelper.HSLtoYUV(h, s, l)

public static YUV HSLtoYUV(
    System.double h,
    System.double s,
    System.double l
)

public function HSLtoYUV(
    h: System.Double;
    s: System.Double;
    l: System.Double
): YUV; static;

public static function HSLtoYUV(
    h : System.double,
public: static YUV HSLtoYUV(
    System::double h,
    System::double s,
    System::double l
)

Parameters

h
s
l

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members

This documentation was created using Document! X from Innovasys
LabtoRGB Method

Converts CIELab to RGB.

**Overload List**

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<tr>
<th>Overload</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LabtoRGB(Double,Double,Double)</td>
<td>Converts CIELab to RGB.</td>
</tr>
<tr>
<td>LabtoRGB(CIELab)</td>
<td>Converts CIELab to RGB.</td>
</tr>
</tbody>
</table>

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

Reference

- ColorSpaceHelper Class
- ColorSpaceHelper Members

This documentation was created using Document! X from Innovasys
LabtoRGB(Double,Double,Double) Method

Converts CIELab to RGB.

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Overloads Shared Function LabtoRGB( _
    ByVal l As System.Double, _
    ByVal a As System.Double, _
    ByVal b As System.Double _
) As RGB

'Usage

Dim l As System.Double
Dim a As System.Double
Dim b As System.Double
Dim value As RGB

value = ColorSpaceHelper.LabtoRGB(l, a, b)

public static RGB LabtoRGB(
    System.double l,
    System.double a,
    System.double b
)

public function LabtoRGB(
    l: System.Double;
    a: System.Double;
    b: System.Double
): RGB; static;

public static function LabtoRGB( 
public: static RGB LabtoRGB(
    System::double l,
    System::double a,
    System::double b
)

Parameters

l
a
b

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
LabtoRGB(CIELab) Method

Converts CIELab to RGB.

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Overloads Shared Function LabtoRGB( _
    ByVal lab As CIELab _
) As RGB

'Usage

Dim lab As CIELab
Dim value As RGB

value = ColorSpaceHelper.LabtoRGB(lab)
public static RGB LabtoRGB(
    CIELab lab
)

public function LabtoRGB(
    lab: CIELab
): RGB; static;
public static function LabtoRGB(
    lab : CIELab
): RGB;
public: static RGB LabtoRGB(
    CIELab lab
)

public:
static RGB LabtoRGB(
    CIELab lab
)
Parameters

lab

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
LabtoXYZ Method

Converting CIELab to CIEXYZ.

### Overload List

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td><code>LabtoXYZ(Double,Double,Double)</code></td>
<td>Converts CIELab to CIEXYZ.</td>
</tr>
<tr>
<td><code>LabtoXYZ(CIELab)</code></td>
<td>Converts CIELab to CIEXYZ.</td>
</tr>
</tbody>
</table>

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

### See Also

**Reference**

- ColorSpaceHelper Class
- ColorSpaceHelper Members

This documentation was created using Document! X from Innovasys
LabtoXYZ(Double,Double,Double) Method

Converts CIELab to CIEXYZ.

**Syntax**

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

### Declaration

```vbnet
Public Overloads Shared Function LabtoXYZ( _
    ByVal l As System.Double, _
    ByVal a As System.Double, _
    ByVal b As System.Double _
) As CIEXYZ
```

### Usage

```vbnet
Dim l As System.Double
Dim a As System.Double
Dim b As System.Double
Dim value As CIEXYZ

value = ColorSpaceHelper.LabtoXYZ(l, a, b)
```

```csharp
public static CIEXYZ LabtoXYZ(
    System.double l,
    System.double a,
    System.double b
)
```

```delphi
function LabtoXYZ(  
    l: System.Double;
    a: System.Double;
    b: System.Double
): CIEXYZ; static;
```

```jscript
public static function LabtoXYZ(  
    l: System.Double;
    a: System.Double;
    b: System.Double
): CIEXYZ;
```
public: static CIEXYZ LabtoXYZ(
    System::double l,
    System::double a,
    System::double b
)
public:
static CIEXYZ LabtoXYZ(
    System::double l,
    System::double a,
    System::double b
)

Parameters

l
a
b

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using **Document! X** from Innovasys
LabtoXYZ(CIELab) Method

Converts CIELab to CIEXYZ.

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Overloads Shared Function LabtoXYZ( _
   ByVal lab As CIELab _
) As CIEXYZ

'Usage

Dim lab As CIELab
Dim value As CIEXYZ

value = ColorSpaceHelper.LabtoXYZ(lab)

public static CIEXYZ LabtoXYZ(  
   CIELab lab
)

public function LabtoXYZ(  
   lab: CIELab  
): CIEXYZ; static;

public static function LabtoXYZ(  
   lab : CIELab  
) : CIEXYZ;

public: static CIEXYZ LabtoXYZ(  
   CIELab lab
)

static CIEXYZ LabtoXYZ(  
   CIELab lab
Parameters

lab

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
**RGBtoCMYK Method**

Converting RGB to CMYK

### Overload List

<table>
<thead>
<tr>
<th>Overload</th>
<th>Description</th>
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</thead>
<tbody>
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<td>RGBtoCMYK(Int32,Int32,Int32)</td>
<td>Converts RGB to CMYK</td>
</tr>
<tr>
<td>RGBtoCMYK(Color)</td>
<td>Converts RGB to CMYK</td>
</tr>
<tr>
<td>RGBtoCMYK(RGB)</td>
<td>Converts RGB to CMYK</td>
</tr>
</tbody>
</table>

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

### See Also

**Reference**

- ColorSpaceHelper Class
- ColorSpaceHelper Members

This documentation was created using Document! X from Innovasys
Converts RGB to CMYK

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

**Declaration**

```vbnet
Public Overloads Shared Function RGBtoCMYK( _
    ByVal red As System.Integer, _
    ByVal green As System.Integer, _
    ByVal blue As System.Integer _
) As CMYK
```

**Usage**

```vbnet
Dim red As System.Integer
Dim green As System.Integer
Dim blue As System.Integer
Dim value As CMYK

value = ColorSpaceHelper.RGBtoCMYK(red, green, blue)
```

```csharp
public static CMYK RGBtoCMYK(
    System.int red,
    System.int green,
    System.int blue
)

public function RGBtoCMYK(  
    red: System.Integer;  
    green: System.Integer;  
    blue: System.Integer  
): CMYK; static;
```

```csharp
public static function RGBtoCMYK(
```
red : System.int,
green : System.int,
blue : System.int

) : CMYK;

public: static CMYK RGBtoCMYK(
    System.int red,
    System.int green,
    System.int blue
)

Parameters

red
Red value must be in [0, 255].
green
Green value must be in [0, 255].
blue
Blue value must be in [0, 255].

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
RGBtoCMYK(Color) Method

Converts RGB to CMYK

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Overloads Shared Function RGBtoCMYK(_
   ByVal c As System.Drawing.Color _
) As CMYK

'Usage

Dim c As System.Drawing.Color
Dim value As CMYK

value = ColorSpaceHelper.RGBtoCMYK(c)
public static CMYK RGBtoCMYK(
   System.Drawing.Color c
)
public function RGBtoCMYK(
   c: System.Drawing.Color
): CMYK; static;
public static function RGBtoCMYK(
   c : System.Drawing.Color
) : CMYK;
public: static CMYK RGBtoCMYK(
   System.Drawing.Color c
)
public:
   static CMYK RGBtoCMYK(
   System.Drawing.Color c
)
Parameters

c

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
Converting RGB to CMYK

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

**Declaration**

```vbs
Public Overloads Shared Function RGBtoCMYK(_
    ByVal rgb As RGB _
) As CMYK

Dim rgb As RGB
Dim value As CMYK

value = ColorSpaceHelper.RGBtoCMYK(rgb)
```

```csharp
public static CMYK RGBtoCMYK(
    RGB rgb
)

public function RGBtoCMYK(
    rgb: RGB
): CMYK; static;
public static function RGBtoCMYK(
    rgb : RGB
) : CMYK;

public: static CMYK RGBtoCMYK(
    RGB rgb
)

public: 
static CMYK RGBtoCMYK(
    RGB rgb
)
Parameters

rgb

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**RGBToHex Method**

Converts a RGB color format to an hexadecimal color.

### Overload List

<table>
<thead>
<tr>
<th>Overload</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>RGBToHex(Int32,Int32,Int32)</td>
<td>Converts a RGB color format to an hexadecimal color.</td>
</tr>
<tr>
<td>RGBToHex(Color)</td>
<td>Converts a RGB color format to an hexadecimal color.</td>
</tr>
</tbody>
</table>

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

### See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**RGBToHex(Int32,Int32,Int32) Method**

- Collapse All  ▶ Language Filter: All


Converts a RGB color format to an hexadecimal color.

### Syntax

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

### Declaration

```vbnet
Public Overloads Shared Function RGBToHex( _
    ByVal r As System.Integer, _
    ByVal g As System.Integer, _
    ByVal b As System.Integer _
) As System.String
```

### Usage

```vbnet
Dim r As System.Integer
Dim g As System.Integer
Dim b As System.Integer
Dim value As System.String

value = ColorSpaceHelper.RGBToHex(r, g, b)
```

```csharp
public static System.String RGBToHex(  
    System.int r,
    System.int g,
    System.int b
)  
```

```delphi
public function RGBToHex(  
    r: System.Integer;
    g: System.Integer;
    b: System.Integer
): System.String; static;
```

```javascript
public static function RGBToHex(  
```
public: static System.String* RGBToHex(
    System.int r,
    System.int g,
    System.int b
)

public:
static System.String^ RGBToHex(
    System.int r,
    System.int g,
    System.int b
)

**Parameters**

*r*  
The Red value.

*g*  
The Green value.

*b*  
The Blue value.

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

Reference

*ColorSpaceHelper Class*

*ColorSpaceHelper Members*

*Overload List*

This documentation was created using Document! X from Innovasys
RGBToHex(Color) Method

Converts a RGB color format to an hexadecimal color.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'**Declaration**

```plaintext
Public Overloads Shared Function RGBToHex( _
    ByVal c As System.Drawing.Color _
) As System.String
' Usage
```

```plaintext
Dim c As System.Drawing.Color
Dim value As System.String
value = ColorSpaceHelper.RGBToHex(c)
```

```plaintext
public static System.String RGBToHex(
    System.Drawing.Color c
)
```

```plaintext
public function RGBToHex(  
    c: System.Drawing.Color  
) : System.String; static;
public static function RGBToHex(  
    c : System.Drawing.Color  
) : System.String;
public: static System.String^ RGBToHex(  
    System.Drawing.Color c  
)
```

```plaintext
public:
static System.String^ RGBToHex(  
    System.Drawing.Color c  
)
```
Parameters

\( c \)

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
**RGBtoHSB Method**

Converts RGB to HSB.

### Overload List

<table>
<thead>
<tr>
<th>Overload</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RGBtoHSB(Int32, Int32, Int32)</td>
<td>Converts RGB to HSB.</td>
</tr>
<tr>
<td>RGBtoHSB(RGB)</td>
<td>Converts RGB to HSB.</td>
</tr>
<tr>
<td>RGBtoHSB(Color)</td>
<td>Converts RGB to HSB.</td>
</tr>
</tbody>
</table>

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

### See Also

Reference

- ColorSpaceHelper Class
- ColorSpaceHelper Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**RGBtoHSB(Int32,Int32,Int32) Method**

- Collapse All  ▸ Language Filter: All


Converts RGB to HSB.

### Syntax

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

#### 'Declaration

```csharp
Public Overloads Shared Function RGBtoHSB( _
    ByVal red As System.Integer, _
    ByVal green As System.Integer, _
    ByVal blue As System.Integer _
) As HSB
```

#### 'Usage

```csharp
Dim red As System.Integer
Dim green As System.Integer
Dim blue As System.Integer
Dim value As HSB

value = ColorSpaceHelper.RGBtoHSB(red, green, blue)
```

```csharp
public static HSB RGBtoHSB(  
    System.int red,  
    System.int green,  
    System.int blue  
) )
```

```csharp
public function RGBtoHSB(  
    red: System.Integer;  
    green: System.Integer;  
    blue: System.Integer  
): HSB; static;  
public static function RGBtoHSB(  
```
red : System.int,
green : System.int,
blue : System.int
)
: HSB;
public: static HSB RGBtoHSB(
    System.int red,
    System.int green,
    System.int blue
)

Parameters

red
green
blue

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
Converts RGB to HSB.

### Syntax

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

### Declaration

```vbnet
Public Overloads Shared Function RGBtoHSB( _
      ByVal rgb As RGB _
    ) As HSB
```

### Usage

```vbnet
Dim rgb As RGB
Dim value As HSB

value = ColorSpaceHelper.RGBtoHSB(rgb)
```

```csharp
public static HSB RGBtoHSB(
    RGB rgb
)
```

```delphi
public function RGBtoHSB( 
    rgb: RGB 
): HSB; static;
```

```javascript
public static function RGBtoHSB( 
    rgb : RGB 
) : HSB;
```

```cpp
public: static HSB RGBtoHSB( 
    RGB rgb
)
```

```c++
static HSB RGBtoHSB( 
    RGB rgb
)
Parameters

*rgb*

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

Reference

*ColorSpaceHelper Class*
*ColorSpaceHelper Members*
*Overload List*

This documentation was created using Document! X from Innovasys
**RGBtoHSB(Color) Method**

Converts RGB to HSB.

### Syntax

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

#### Declaration

```vbnet
Public Overloads Shared Function RGBtoHSB( _
    ByVal c As System.Drawing.Color _
) As HSB
```

#### Usage

```vbnet
Dim c As System.Drawing.Color
Dim value As HSB

value = ColorSpaceHelper.RGBtoHSB(c)
```

```csharp
public static HSB RGBtoHSB(    
    System.Drawing.Color c
)
```

```delphi
public function RGBtoHSB(    
    c: System.Drawing.Color    
): HSB; static;
```

```jscript
public static function RGBtoHSB(    
    c : System.Drawing.Color    
): HSB;
```

```cpp
public: static HSB RGBtoHSB(    
    System.Drawing.Color c
)
```

```cppcli
public:
static HSB RGBtoHSB(    
    System.Drawing.Color c
```
Parameters

\( c \)

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

Reference

- ColorSpaceHelper Class
- ColorSpaceHelper Members
- Overload List

This documentation was created using Document! X from Innovasys
**RGBtoHSL Method**

Converts RGB to HSL.

### Overload List

<table>
<thead>
<tr>
<th>Overload</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RGBtoHSL(Int32,Int32,Int32)</td>
<td>Converts RGB to HSL.</td>
</tr>
<tr>
<td>RGBtoHSL(RGB)</td>
<td>Converts RGB to HSL.</td>
</tr>
<tr>
<td>RGBtoHSL(Color)</td>
<td>Converts Color to HSL.</td>
</tr>
</tbody>
</table>

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

### See Also

Reference

**ColorSpaceHelper Class**
**ColorSpaceHelper Members**

This documentation was created using Document! X from Innovasys
Converting RGB to HSL.

**Syntax**

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

**Declaration**

```vbnet
Public Overloads Shared Function RGBtoHSL( _
    ByVal red As System.Integer, _
    ByVal green As System.Integer, _
    ByVal blue As System.Integer _
) As HSL
```

**Usage**

```vbnet
Dim red As System.Integer
Dim green As System.Integer
Dim blue As System.Integer
Dim value As HSL

value = ColorSpaceHelper.RGBtoHSL(red, green, blue)
```

```csharp
public static HSL RGBtoHSL(
    System.int red,
    System.int green,
    System.int blue
)
```

```delphi
public function RGBtoHSL(  
    red: System.Integer;
    green: System.Integer;
    blue: System.Integer
): HSL; static;
```

```jscript
public static function RGBtoHSL(  
    red: System.Integer;
    green: System.Integer;
    blue: System.Integer
): HSL; static;
```
public: static HSL RGBtoHSL(
    System::int red,
    System::int green,
    System::int blue
)

Parameters

*red*

Red value, must be in [0,255].

*green*

Green value, must be in [0,255].

*blue*

Blue value, must be in [0,255].

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
Converts RGB to HSL.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

**'Declaration**

```
Public Overloads Shared Function RGBtoHSL( _
    ByVal rgb As RGB _
) As HSL
```  

**'Usage**

```
Dim rgb As RGB
Dim value As HSL

value = ColorSpaceHelper.RGBtoHSL(rgb)
public static HSL RGBtoHSL( 
    RGB rgb
)
public function RGBtoHSL( 
    rgb: RGB
): HSL; static;
public static function RGBtoHSL( 
    rgb : RGB
) : HSL;
public: static HSL RGBtoHSL( 
    RGB rgb
)
```
Parameters

rgb

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
Converting RGB to HSL colors.

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Overloads Shared Function RGBtoHSL(_
    ByVal c As System.Drawing.Color _) As HSL

'Usage

Dim c As System.Drawing.Color
Dim value As HSL

value = ColorSpaceHelper.RGBtoHSL(c)
public static HSL RGBtoHSL(
    System.Drawing.Color c
)
public function RGBtoHSL(_
    c: System.Drawing.Color
): HSL; static;
public static function RGBtoHSL(_
    c : System.Drawing.Color
): HSL;
public: static HSL RGBtoHSL(_
    System.Drawing.Color c
)
public:

static HSL RGBtoHSL(_
    System.Drawing.Color c
)
Parameters

c

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
**Kaliko.ImageLibrary**

**RGBtoLab Method**

Converts RGB to CIELab.

### Overload List

<table>
<thead>
<tr>
<th>Overload</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RGBtoLab(Int32,Int32,Int32)</td>
<td>Converts RGB to CIELab.</td>
</tr>
<tr>
<td>RGBtoLab(RGB)</td>
<td>Converts RGB to CIELab.</td>
</tr>
<tr>
<td>RGBtoLab(Color)</td>
<td>Converts RGB to CIELab.</td>
</tr>
</tbody>
</table>

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

### See Also

Reference

- ColorSpaceHelper Class
- ColorSpaceHelper Members

This documentation was created using Document! X from Innovasys
**RGBtoLab(Int32,Int32,Int32) Method**

Converts RGB to CIELab.

### Syntax

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

#### Declaration

```vbnet
Public Overloads Shared Function RGBtoLab( _
    ByVal red As System.Integer, _
    ByVal green As System.Integer, _
    ByVal blue As System.Integer _
) As CIELab
```

---

#### Usage

```vbnet
Dim red As System.Integer
Dim green As System.Integer
Dim blue As System.Integer
Dim value As CIELab

value = ColorSpaceHelper.RGBtoLab(red, green, blue)
```

```csharp
public static CIELab RGBtoLab(  
    System.int red,  
    System.int green,  
    System.int blue
)
```

```delphi
public function RGBtoLab(  
    red: System.Integer;  
    green: System.Integer;  
    blue: System.Integer  
): CIELab; static;
```

```javascript
public static function RGBtoLab(  
)
```
red : System\n    .\nt:: \nint,  
green : System\n    .\nt:: \nint,  
blue : System\n    .\nt:: \nint
) : CIELab;
public: static CIELab RGBtoLab(
    System\n    .\nt:: \nint red,  
    System\n    .\nt:: \nint green,  
    System\n    .\nt:: \nint blue
)

public:
static CIELab RGBtoLab(
    System\n    .\nt:: \nint red,  
    System\n    .\nt:: \nint green,  
    System\n    .\nt:: \nint blue
)

Parameters

red
green
blue

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
Converting RGB to CIELab.

**Syntax**

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

**'Declaration**

```vbnet
Public Overloads Shared Function RGBtoLab( _
    ByVal rgb As RGB _
) As CIELab
'Usage

Dim rgb As RGB
Dim value As CIELab

value = ColorSpaceHelper.RGBtoLab(rgb)
```

```csharp
public static CIELab RGBtoLab( 
    RGB rgb
) 

public function RGBtoLab( 
    rgb: RGB 
): CIELab; static;
```

```delphi
public static function RGBtoLab( 
    rgb: RGB 
): CIELab;
```

```javascript
public static CIELab RGBtoLab( 
    RGB rgb
) 
```
Parameters

\textit{rgb}

\section*{Requirements}

\textbf{Target Platforms:} Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

\section*{See Also}

\textbf{Reference}

\texttt{ColorSpaceHelper Class}
\texttt{ColorSpaceHelper Members}
\texttt{Overload List}

This documentation was created using \texttt{Document! X} from Innovasys
RGBtoLab(Color) Method

Converts RGB to CIELab.

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Overloads Shared Function RGBtoLab( _
    ByVal color As System.Drawing.Color _
) As CIELab

'Usage

Dim color As System.Drawing.Color
Dim value As CIELab

value = ColorSpaceHelper.RGBtoLab(color)
public static CIELab RGBtoLab(
    System.Drawing.Color color
)

public function RGBtoLab(    
    color: System.Drawing.Color
): CIELab; static;

public static function RGBtoLab(       
    color : System.Drawing.Color
): CIELab;

public: static CIELab RGBtoLab(    
    System.Drawing.Color color
)

public:    
static CIELab RGBtoLab(    
    System.Drawing.Color color
)
Parameters

\textit{color}

\section*{Requirements}

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

\section*{See Also}

Reference

- ColorSpaceHelper Class
- ColorSpaceHelper Members
- Overload List

This documentation was created using \textit{Document! X} from Innovasys
**RGBtoXYZ Method**

Converting RGB to CIE XYZ (CIE 1931 color space)

### Overload List

<table>
<thead>
<tr>
<th>Overload</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RGBtoXYZ(Int32,Int32,Int32)</td>
<td>Converts RGB to CIE XYZ (CIE 1931 color space)</td>
</tr>
<tr>
<td>RGBtoXYZ(RGB)</td>
<td>Converts RGB to CIEXYZ.</td>
</tr>
<tr>
<td>RGBtoXYZ(Color)</td>
<td>Converts RGB to CIEXYZ.</td>
</tr>
</tbody>
</table>

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

### See Also

Reference

- ColorSpaceHelper Class
- ColorSpaceHelper Members

This documentation was created using Document! X from Innovasys
Converts RGB to CIE XYZ (CIE 1931 color space)

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```visualbasic
Public Overloads Shared Function RGBtoXYZ( _
    ByVal red As System.Integer, _
    ByVal green As System.Integer, _
    ByVal blue As System.Integer _
) As CIEXYZ
```

'Usage

```visualbasic
Dim red As System.Integer
Dim green As System.Integer
Dim blue As System.Integer
Dim value As CIEXYZ

value = ColorSpaceHelper.RGBtoXYZ(red, green, blue)
```

```csharp
public static CIEXYZ RGBtoXYZ(
    System.int red,
    System.int green,
    System.int blue
)
```

```delphi
public function RGBtoXYZ(  
    red: System.Integer;
    green: System.Integer;
    blue: System.Integer
): CIEXYZ; static;
```

```jscript
public static function RGBtoXYZ(
```

```cpp
public static function RGBtoXYZ(  
```

```clipl
public function RGBtoXYZ(  
```

```cpp
public static function RGBtoXYZ(  
```
```cpp
red : System.int,
green : System.int,
blue : System.int
): CIEXYZ;
public: static CIEXYZ RGBtoXYZ(
    System.int red,
    System.int green,
    System.int blue
)
public:
static CIEXYZ RGBtoXYZ(
    System.int red,
    System.int green,
    System.int blue
)

Parameters

red
    Red must be in [0, 255].
green
    Green must be in [0, 255].
blue
    Blue must be in [0, 255].

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
Converts RGB to CIEXYZ.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Overloads Shared Function RGBtoXYZ( _
    ByVal rgb As RGB _
) As CIEXYZ

'Usage

Dim rgb As RGB
Dim value As CIEXYZ

value = ColorSpaceHelper.RGBtoXYZ(rgb)

public static CIEXYZ RGBtoXYZ(
    RGB rgb
)

public function RGBtoXYZ(
    rgb: RGB
): CIEXYZ; static;

public static function RGBtoXYZ(
    rgb : RGB
) : CIEXYZ;

public: static CIEXYZ RGBtoXYZ(
    RGB rgb
)

static CIEXYZ RGBtoXYZ(
    RGB rgb
)
Parameters

rgb

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
Converts RGB to CIEXYZ.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'**Declaration**

```vbnet
Public Overloads Shared Function RGBtoXYZ( _
    ByVal c As System.Drawing.Color _
) As CIEXYZ
```

'**Usage**

```vbnet
Dim c As System.Drawing.Color
Dim value As CIEXYZ
value = ColorSpaceHelper.RGBtoXYZ(c)
```

```c#
public static CIEXYZ RGBtoXYZ(
    System.Drawing.Color c
)
```

```delphi
public function RGBtoXYZ(?
    c: System.Drawing.Color
): CIEXYZ; static;
public static function RGBtoXYZ(?
    c : System.Drawing.Color
): CIEXYZ;
public: static CIEXYZ RGBtoXYZ(?
    System.Drawing.Color c
)
```

```jscript
public static function RGBtoXYZ(?
    System.Drawing.Color c
)
```

```c++
public:
    static CIEXYZ RGBtoXYZ(
        System.Drawing.Color c
    )
```
Parameters

c

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

*ColorSpaceHelper Class*
*ColorSpaceHelper Members*
*Overload List*

This documentation was created using **Document! X** from Innovasys
**RGBtoYUV Method**

Converting RGB to YUV.

**Overload List**

<table>
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<th>Overload</th>
<th>Description</th>
</tr>
</thead>
<tbody>
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<td>RGBtoYUV(Int32,Int32,Int32)</td>
<td>Converts RGB to YUV.</td>
</tr>
<tr>
<td>RGBtoYUV(Color)</td>
<td>Converts RGB to YUV.</td>
</tr>
<tr>
<td>RGBtoYUV(RGB)</td>
<td>Converts RGB to YUV.</td>
</tr>
</tbody>
</table>

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

**Reference**

ColorSpaceHelper Class
ColorSpaceHelper Members

This documentation was created using Document! X from Innovasys
Converts RGB to YUV.

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Overloads Shared Function RGBtoYUV(_
    ByVal red As System.Integer, _
    ByVal green As System.Integer, _
    ByVal blue As System.Integer _
) As YUV

'Usage

Dim red As System.Integer
Dim green As System.Integer
Dim blue As System.Integer
Dim value As YUV

value = ColorSpaceHelper.RGBtoYUV(red, green, blue)

public static YUV RGBtoYUV(
    System.int red,
    System.int green,
    System.int blue
)

public function RGBtoYUV(
    red: System.Integer;
    green: System.Integer;
    blue: System.Integer
): YUV; static;

public static function RGBtoYUV(
public: static YUV RGBtoYUV(System.int red, System.int green, System.int blue)

Parameters

red
red must be in [0, 255].
green
green must be in [0, 255].
blue
blue must be in [0, 255].

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
RGBtoYUV(Color) Method

Converts RGB to YUV.

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Overloads Shared Function RGBtoYUV( _
    ByVal c As System.Drawing.Color _
) As YUV

'Usage

Dim c As System.Drawing.Color
Dim value As YUV

value = ColorSpaceHelper.RGBtoYUV(c)
public static YUV RGBtoYUV(    
    System.Drawing.Color c
)

public function RGBtoYUV(    
    c: System.Drawing.Color
): YUV; static;
public static function RGBtoYUV(    
    c : System.Drawing.Color
): YUV;
public: static YUV RGBtoYUV(    
    System.Drawing.Color c
)

public:
static YUV RGBtoYUV(    
    System.Drawing.Color c
Parameters

c

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
Converts RGB to YUV.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'`Declaration`

```
Public Overloads Shared Function RGBtoYUV( _
    ByVal rgb As RGB _
) As YUV
'
```

'`Usage`

```vbnet
dim rgb as rgb
dim value as yuv

value = colorspacemanager.RGBtoYUV(rgb)
dothing
```

```csharp
public static Yuv RGBtoYUV(
    RGB rgb
);

public function RGBtoYUV(  
    rgb: RGB  
): YUV; static;
```

```delphi
public static function RGBtoYUV(
    rgb : RGB
): YUV;
```

```javascript
public static function RGBtoYUV(
    rgb : RGB
): YUV;
```

```cpp
public static Yuv RGBtoYUV(  
    RGB rgb
)
```
Parameters

rgb

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
**XYZtoLab Method**

Converts CIEXYZ to CIELab structure.

### Overload List

<table>
<thead>
<tr>
<th>Overload</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>XYZtoLab(Double,Double,Double)</td>
<td>Converts CIEXYZ to CIELab structure.</td>
</tr>
<tr>
<td>XYZtoLab(CIEXYZ)</td>
<td>Converts CIEXYZ to CIELab structure.</td>
</tr>
</tbody>
</table>

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

### See Also

- **Reference**
  - ColorSpaceHelper Class
  - ColorSpaceHelper Members

This documentation was created using Document! X from Innovasys
Converting CIEXYZ to CIELab structure.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'**Declaration**

```csharp
Public Overloads Shared Function XYZtoLab(_: ByVal x As System.Double, ByVal y As System.Double, ByVal z As System.Double) As CIELab
```

'**Usage**

```csharp
Dim x As System.Double
Dim y As System.Double
Dim z As System.Double
Dim value As CIELab

value = ColorSpaceHelper.XYZtoLab(x, y, z)
```

```csharp
public static CIELab XYZtoLab(
    System.double x,
    System.double y,
    System.double z
)
```

```csharp
public function XYZtoLab(
    x: System.Double;
    y: System.Double;
    z: System.Double
): CIELab; static;
```

```csharp
public static function XYZtoLab(
```
public: static CIELab XYZtoLab(
    System::double x,
    System::double y,
    System::double z
)

public:
static CIELab XYZtoLab(
    System::double x,
    System::double y,
    System::double z
)

Parameters

x
y
z

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**XYZtoLab(CIEXYZ) Method**

- Collapse All  
- Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class > XYZtoLab Method > XYZtoLab(CIEXYZ) Method

Converts CIEXYZ to CIELab structure.

### Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

### Declaration

```vbnet
Public Overloads Shared Function XYZtoLab( _
    ByVal xyz As CIEXYZ _
) As CIELab
```

### Usage

```vbnet
dim xyz as CIEXYZ
dim value as CIELab

value = ColorSpaceHelper.XYZtoLab(xyz)
```

```csharp
public static CIELab XYZtoLab( _
    CIEXYZ xyz _
) { ...
}
```

```csharp
public function XYZtoLab( _
    xyz: CIEXYZ _
) : CIELab; static;
```

```csharp
public static function XYZtoLab( _
    xyz : CIEXYZ _
) : CIELab;
```

```csharp
public: static CIELab XYZtoLab( _
    CIEXYZ xyz _
) { ...
}
```

```csharp
static CIELab XYZtoLab( _
    CIEXYZ xyz _
) { ...
}
```
Parameters

xyz

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
XYZtoRGB Method

Converts CIEXYZ to RGB structure.

**Overload List**

<table>
<thead>
<tr>
<th>Overload</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>XYZtoRGB(Double,Double,Double)</td>
<td>Converts CIEXYZ to RGB structure.</td>
</tr>
<tr>
<td>XYZtoRGB(CIEXYZ)</td>
<td>Converts CIEXYZ to RGB structure.</td>
</tr>
</tbody>
</table>

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

**Reference**

ColorSpaceHelper Class  
ColorSpaceHelper Members  

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**XYZtoRGB(Double,Double,Double) Method**

Converts CIEXYZ to RGB structure.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

```vbnet
Public Overloads Shared Function XYZtoRGB( _
    ByVal x As System.Double, _
    ByVal y As System.Double, _
    ByVal z As System.Double _
) As RGB
End Function
```

```csharp
public static RGB XYZtoRGB(
    System.double x,
    System.double y,
    System.double z
)
```

```delphi
function XYZtoRGB(  
    x: System.Double;
    y: System.Double;
    z: System.Double;
): RGB; static;
```

```jscript
public static function XYZtoRGB(
    x: System.Double;
    y: System.Double;
    z: System.Double;
): RGB;
```
public: static RGB XYZtoRGB(
    System::double x,
    System::double y,
    System::double z
)

### Parameters

- **x**
- **y**
- **z**

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

### See Also

- **Reference**
  - ColorSpaceHelper Class
  - ColorSpaceHelper Members
  - Overload List

This documentation was created using Document! X from Innovasys
Converts CIEXYZ to RGB structure.

**Syntax**

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

'**Declaration**

```vbnet
Public Overloads Shared Function XYZtoRGB( _
    ByVal xyz As CIEXYZ _
) As RGB
'**Usage**

Dim xyz As CIEXYZ
Dim value As RGB

value = ColorSpaceHelper.XYZtoRGB(xyz)
```

```csharp
public static RGB XYZtoRGB( 
    CIEXYZ xyz
)
```

```delphi
public function XYZtoRGB( 
    xyz: CIEXYZ 
): RGB; static;
```

```javascript
public static function XYZtoRGB( 
    xyz : CIEXYZ 
) : RGB;
```

```cpp
public: static RGB XYZtoRGB( 
    CIEXYZ xyz
)
```

```cpp
static RGB XYZtoRGB( 
    CIEXYZ xyz
)
Parameters

xyz

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**YUVtoCMYK Method**

- Collapse All  
- Language Filter: All 

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class : YUVtoCMYK Method

Converts YUV to CMYK.

### Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

```
'Declaration

Public Shared Function YUVtoCMYK( _
    ByVal y As System.Double, _
    ByVal u As System.Double, _
    ByVal v As System.Double _
) As CMYK

'Usage

Dim y As System.Double
Dim u As System.Double
Dim v As System.Double
Dim value As CMYK

value = ColorSpaceHelper.YUVtoCMYK(y, u, v)

public static CMYK YUVtoCMYK(
    System.double y,
    System.double u,
    System.double v
)

public function YUVtoCMYK( 
    y: System.Double;
    u: System.Double;
    v: System.Double
) : CMYK; static;
public static function YUVtoCMYK( 
    y : System.double,
```
public: static CMYK YUVtoCMYK(
    System::double y,
    System::double u,
    System::double v
)

Parameters

y
    Y must be in [0, 1].
u
    U must be in [-0.436, +0.436].
v
    V must be in [-0.615, +0.615].

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members

This documentation was created using Document! X from Innovasys
**YUVtoColor Method**

Converts YUV to a .net Color.

### Overload List

<table>
<thead>
<tr>
<th>Overload</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>YUVtoColor(Double,Double,Double)</td>
<td>Converts YUV to a .net Color.</td>
</tr>
<tr>
<td>YUVtoColor(YUV)</td>
<td>Converts YUV to a .net Color.</td>
</tr>
</tbody>
</table>

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

### See Also

Reference

- ColorSpaceHelper Class
- ColorSpaceHelper Members

This documentation was created using Document! X from Innovasys
Converts YUV to a .net Color.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```vbnet
Public Overloads Shared Function YUVtoColor( _
    ByVal y As System.Double, _
    ByVal u As System.Double, _
    ByVal v As System.Double _
) As System.Drawing.Color
```

'Usage

```vbnet
Dim y As System.Double
Dim u As System.Double
Dim v As System.Double
Dim value As System.Drawing.Color

value = ColorSpaceHelper.YUVtoColor(y, u, v)
```

```csharp
public static System.Drawing.Color YUVtoColor( System.double y,
                                              System.double u,
                                              System.double v
)
```

```csharp
public function YUVtoColor(  
    y: System.Double;  
    u: System.Double;  
)
Parameters

\( y \)

Y must be in \([0, 1]\).

\( u \)

U must be in \([-0.436, +0.436]\).

\( v \)

V must be in \([-0.615, +0.615]\).

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List
This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**YUVtoColor(YUV) Method**

Converts YUV to a .net Color.

### Syntax

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

**Declaration**

```vbnet
Public Overloads Shared Function YUVtoColor( _
    ByVal yuv As YUV _
) As System.Drawing.Color
```

**Usage**

```vbnet
Dim yuv As YUV
Dim value As System.Drawing.Color

value = ColorSpaceHelper.YUVtoColor(yuv)
```

```csharp
public static System.Drawing.Color YUVtoColor( YUV yuv )
```

```delphi
public function YUVtoColor( yuv: YUV ) : System.Drawing.Color; static;
```

```jscript
public static function YUVtoColor( yuv : YUV ) : System.Drawing.Color;
```

```cpp
public: static System.Drawing.Color YUVtoColor( YUV yuv )
```

```clilike
public:
    static System.Drawing.Color YUVtoColor( YUV yuv
```
Parameters

*yuv*

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
YUVtoHSB Method

Converts YUV to HSB.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

### 'Declaration

```vbscript
Public Shared Function YUVtoHSB(  _
    ByVal y As System.Double, _
    ByVal u As System.Double, _
    ByVal v As System.Double _
) As HSB
```

```csharp
public static HSB YUVtoHSB(  
    System.double y,
    System.double u,
    System.double v
)
```

```delphi
public function YUVtoHSB(  
    y: System.Double;
    u: System.Double;
    v: System.Double
): HSB; static;
```

```javascript
public static function YUVtoHSB(  
    y : System.double,
```


\[ u : \text{System.double}, \]
\[ v : \text{System.double} \]

);  

public: static HSB YUVtoHSB(
    System.double y,
    System.double u,
    System.double v
)

public:  
static HSB YUVtoHSB(
    System.double y,
    System.double u,
    System.double v
)


**Parameters**

\*y\*  
Y must be in \([0, 1]\).

\*u\*  
U must be in \([-0.436, +0.436]\).

\*v\*  
V must be in \([-0.615, +0.615]\).

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

**Reference**

ColorSpaceHelper Class  
ColorSpaceHelper Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**YUVtoHSL Method**

- Collapse All  Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class : YUVtoHSL Method

Converts YUV to HSL.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```vbnet
Public Shared Function YUVtoHSL( _
    ByVal y As System.Double, _
    ByVal u As System.Double, _
    ByVal v As System.Double _
) As HSL
```

'Usage

```vbnet
Dim y As System.Double
Dim u As System.Double
Dim v As System.Double
Dim value As HSL

value = ColorSpaceHelper.YUVtoHSL(y, u, v)
```

```csharp
public static HSL YUVtoHSL(
    System.double y,
    System.double u,
    System.double v
)
```

```delphi
public function YUVtoHSL( 
    y: System.Double;
    u: System.Double;
    v: System.Double 
): HSL; static;
```

```javascript
public static function YUVtoHSL( 
    y : System.double, 
    u : System.double, 
    v : System.double 
)
```
public: static HSL YUVtoHSL(
    System::double y,
    System::double u,
    System::double v
)

Properties

Parameters

y
Y must be in [0, 1].

u
U must be in [-0.436, +0.436].

v
V must be in [-0.615, +0.615].

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**YUVtoRGB Method**

- Collapse All  Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class : YUVtoRGB Method

Converts YUV to RGB.

### Overload List

<table>
<thead>
<tr>
<th>Overload</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>YUVtoRGB(Double,Double,Double)</td>
<td>Converts YUV to RGB.</td>
</tr>
<tr>
<td>YUVtoRGB(YUV)</td>
<td>Converts YUV to RGB.</td>
</tr>
</tbody>
</table>

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

### See Also

- **Reference**
  - ColorSpaceHelper Class
  - ColorSpaceHelper Members

This documentation was created using Document!X from Innovasys
Kaliko.ImageLibrary

YUVtoRGB(Double,Double,Double) Method

Converts YUV to RGB.

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Overloads Shared Function YUVtoRGB( _
    ByVal y As System.Double, _
    ByVal u As System.Double, _
    ByVal v As System.Double _
) As RGB

Usage

Dim y As System.Double
Dim u As System.Double
Dim v As System.Double
Dim value As RGB

value = ColorSpaceHelper.YUVtoRGB(y, u, v)

public static RGB YUVtoRGB(
    System.double y,
    System.double u,
    System.double v
)

public function YUVtoRGB(
    y: System.Double;
    u: System.Double;
    v: System.Double
): RGB; static;

public static function YUVtoRGB(
public: static RGB YUVtoRGB(
    System::double y,
    System::double u,
    System::double v
)

Parameters

y
    Y must be in [0, 1].

u
    U must be in [-0.436, +0.436].

v
    V must be in [-0.615, +0.615].

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ColorSpaceHelper Class
ColorSpaceHelper Members
Overload List

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**YUVtoRGB(YUV) Method**

- Collapse All  Language Filter: All


Converts YUV to RGB.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Overloads Shared Function YUVtoRGB( _
    ByVal yuv As YUV _
) As RGB

'Usage

Dim yuv As YUV
Dim value As RGB

value = ColorSpaceHelper.YUVtoRGB(yuv)

Public static RGB YUVtoRGB(
    YUV yuv
)

Public function YUVtoRGB(  
    yuv: YUV
): RGB; static;

Public static function YUVtoRGB(  
    yuv : YUV
) : RGB;

Public: static RGB YUVtoRGB(  
    YUV yuv
)

Public:

static RGB YUVtoRGB(  
    YUV yuv
)
Parameters

\textit{yuv}

\section*{Requirements}

\textbf{Target Platforms:} Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

\section*{See Also}

\textbf{Reference}

\texttt{ColorSpaceHelper Class}

\texttt{ColorSpaceHelper Members}

\texttt{Overload List}

This documentation was created using \texttt{Document! X} from Innovasys
Kaliko.ImageLibrary

**CIELab Structure**

Members  ➤ Collapse All   ➤ Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace : CIELab Structure

Structure to define CIE L*a*b*.

### Object Model

- CIELab

### Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Structure CIELab
  Inherits System.ValueType

'Usage

Dim instance As CIELab
Public struct CIELab : System.ValueType
Public type CIELab = class(System.ValueType)
In JScript, you can use structures in other assemblies, but you can
Public __value struct CIELab : Public System.ValueType
Public value class CIELab : Public System.ValueType

### Inheritance Hierarchy

System.Object
  System.ValueType
  Kaliko.ImageLibrary.ColorSpace.CIELab
Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

CIELab Members
Kaliko.ImageLibrary.ColorSpace Namespace

This documentation was created using Document! X from Innovasys
The following tables list the members exposed by **CIELab**.

### Public Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIELab Constructor</td>
<td></td>
</tr>
</tbody>
</table>

### Public Fields

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Empty</td>
<td>Gets an empty CIELab structure.</td>
</tr>
</tbody>
</table>

### Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Gets or sets a component.</td>
</tr>
<tr>
<td>B</td>
<td>Gets or sets a component.</td>
</tr>
<tr>
<td>L</td>
<td>Gets or sets L component.</td>
</tr>
</tbody>
</table>

### Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equals</td>
<td></td>
</tr>
<tr>
<td>GetHashCode</td>
<td></td>
</tr>
</tbody>
</table>
Public Operators

<table>
<thead>
<tr>
<th>Equality</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inequality</td>
</tr>
</tbody>
</table>

See Also

Reference

CIELab Structure
Kaliko.ImageLibrary.ColorSpace Namespace

This documentation was created using Document! X from Innovasys
CIELab Constructor

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Function New( _
   ByVal I As System.Double, _
   ByVal a As System.Double, _
   ByVal b As System.Double _
)'

Usage

Dim l As System.Double
Dim a As System.Double
Dim b As System.Double

Dim instance As New CIELab(l, a, b)
public CIELab(  
   System.double I,  
   System.double a,  
   System.double b
)

public CIELab(  
   I: System.Double;  
   a: System.Double;  
   b: System.Double
);

public function CIELab(  
   l : System.double,  
   a : System.double,  
   b : System.double
);

public: CIELab(
```csharp
System.double l, System.double a, System.double b
)
public:
CIELab(System.double l, System.double a, System.double b
)

Parameters

l
a
b

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

CIELab Structure
CIELab Members

This documentation was created using Document! X from Innovasys
For a list of all members of this type, see CIELab members.

## Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>= Equals</td>
<td></td>
</tr>
<tr>
<td>= GetHashCode</td>
<td></td>
</tr>
</tbody>
</table>

See Also

Reference

CIELab Structure
Kaliko.ImageLibrary.ColorSpace Namespace

This documentation was created using Document! X from Innovasys
Equals Method (CIELab)

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Overrides Function Equals( _
    ByVal obj As System.Object _
) As System.Boolean

'Usage

Dim instance As CIELab
Dim obj As System.Object
Dim value As System.Boolean

value = instance.Equals(obj)
public override System.bool Equals(
    System.object obj
)

public function Equals(
    obj: System.TObject
): System.Boolean; override;
public override function Equals(
    obj : System.object
) : System.boolean;
public: System.bool Equals(
    System.Object* obj
) override
public:
System.bool Equals(
    System.object^ obj
) override
Parameters

`obj`

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

CIELab Structure
CIELab Members

This documentation was created using **Document! X** from Innovasys
GetHashCode Method (CIELab)

Kaliko.ImageLibrary

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Overrides Function GetHashCode() As System.Integer

'Usage

Dim instance As CIELab
Dim value As System.Integer

value = instance.GetHashCode()

public override System.int GetHashCode()
public function GetHashCode(): System.Integer; override;
public override function GetHashCode() : System.int;
public: System.int GetHashCode(); override
public:
System.int GetHashCode(); override

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference
CIELab Structure
CIELab Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

CIELab Structure Properties

For a list of all members of this type, see CIELab members.

Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Gets or sets a component.</td>
</tr>
<tr>
<td>B</td>
<td>Gets or sets a component.</td>
</tr>
<tr>
<td>L</td>
<td>Gets or sets L component.</td>
</tr>
</tbody>
</table>

See Also

Reference

CIELab Structure
Kaliko.ImageLibrary.ColorSpace Namespace

This documentation was created using Document! X from Innovasys
A Property

Gets or sets a component.

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Property A As System.Double

'Usage

Dim instance As CIELab
Dim value As System.Double

instance.A = value

value = instance.A
public System.double A {get; set;}
public read-write property A: System.Double;
public function get,set A : System.double
public: __property System.double get_A();
public: __property void set_A(System.double value

); public:
property System.double A {
    System.double get();
    void set ( System.double value);
}
**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

**Reference**

CIELab Structure
CIELab Members

This documentation was created using Document! X from Innovasys
B Property

Gets or sets a component.

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Property B As System.Double

'Usage

Dim instance As CIELab
Dim value As System.Double

instance.B = value

public System.double B {get; set;}
public read-write property B: System.Double;
public function get,set B : System.double 
public: __property System.double get_B();
public: __property void set_B(
    System.double value
);)
public:
property System.double B {
    System.double get();
    void set ( System.double value);
}
Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

CIELab Structure
CIELab Members

This documentation was created using Document! X from Innovasys
L Property

Gets or sets L component.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```vbnet
Public Property L As System.Double
```

'Usage

```vbnet
Dim instance As CIELab
Dim value As System.Double

instance.L = value
```

```vbnet
public System.double L {get; set;}
public read-write property L: System.Double;
public function get, set L : System.double
public: __property System.double get_L();
public: __property void set_L(
    System.double value
);
```

```vbnet
property System.double L {
    System.double get();
    void set (System.double value);
}
```

**Requirements**
Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

CIELab Structure
CIELab Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

CIELab Structure Fields

For a list of all members of this type, see CIELab members.

Public Fields

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🟢 s Empty</td>
<td>Gets an empty CIELab structure.</td>
</tr>
</tbody>
</table>

See Also

Reference

CIELab Structure
Kaliko.ImageLibrary.ColorSpace Namespace

This documentation was created using Document! X from Innovasys
Empty Field (CIELab)

Gets an empty CIELab structure.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```csharp
Public Shared ReadOnly Empty As CIELab
```

'Usage

```csharp
Dim value As CIELab
value = CIELab.Empty
```

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also
Reference

CIELab Structure
CIELab Members

This documentation was created using Document! X from Innovasys
 Kaliko.ImageLibrary

Equality Operator (CIELab)

* Collapse All  * Language Filter: All


 Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Operator =( _
   ByVal item1 As CIELab, _
   ByVal item2 As CIELab _
) As System.Boolean

'Usage

public System.bool operator ==(
   CIELab item1,
   CIELab item2
)

This operator type is not supported by Delphi
This operator type is not supported by JScript

public: System.bool op_Equality(
   CIELab item1,
   CIELab item2
)

public:
System.bool operator ==(
   CIELab item1,
   CIELab item2
)

Parameters

* item1
* item2
Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

CIELab Structure
CIELab Members

This documentation was created using Document! X from Innovasys
Inequality Operator (CIELab)

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```vbnet
Public Operator <>(_
    ByVal item1 As CIELab, _
    ByVal item2 As CIELab _) _
As System.Boolean
```

'Usage

```vbnet
public System.bool operator !=(_
    CIELab item1,
    CIELab item2
)
```

This `operator` type is not supported by Delphi
This operator type is not supported by JScript

```cpp
public: System.bool op_Inequality(_
    CIELab item1,
    CIELab item2
)
```

```cpp
public:
System.bool operator !=(_
    CIELab item1,
    CIELab item2
)
```

Parameters

- `item1`
- `item2`
Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

CIELab Structure
CIELab Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**CIEXYZ Structure**

Members  ›  Collapse All  ›  Language Filter: All


Structure to define CIE XYZ.

### Object Model

CIEXYZ

### Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Structure CIEXYZ
  Inherits System.ValueType
'Usage
```

```
Dim instance As CIEXYZ
public struct CIEXYZ : System.ValueType
public type CIEXYZ = class(System.ValueType)
In JScript, you can use structures in other assemblies, but you can
public __value struct CIEXYZ : public System.ValueType
public value class CIEXYZ : public System.ValueType
```

### Inheritance Hierarchy

System.Object
- System.ValueType
  - Kaliko.ImageLibrary.ColorSpace.CIEXYZ
**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

**Reference**

CIEXYZ Members
Kaliko.ImageLibrary.ColorSpace Namespace

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**CIEXYZ Structure Members**

- Fields
- Properties
- Methods
  - Collapse All
  - Members Options: Show All

**Kaliko.ImageLibrary.ColorSpace Namespace**: CIEXYZ Structure

The following tables list the members exposed by **CIEXYZ**.

### Public Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Constructor] CIEXYZ Constructor</td>
<td></td>
</tr>
</tbody>
</table>

### Public Fields

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>![S] D65</td>
<td>Gets the CIE D65 (white) structure.</td>
</tr>
<tr>
<td>![S] Empty</td>
<td>Gets an empty CIEXYZ structure.</td>
</tr>
</tbody>
</table>

### Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>![X] X</td>
<td>Gets or sets X component.</td>
</tr>
<tr>
<td>![Y] Y</td>
<td>Gets or sets Y component.</td>
</tr>
<tr>
<td>![Z] Z</td>
<td>Gets or sets Z component.</td>
</tr>
</tbody>
</table>

### Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Equals] Equals</td>
<td></td>
</tr>
</tbody>
</table>
Public Operators

<table>
<thead>
<tr>
<th>Equality</th>
<th>Inequality</th>
</tr>
</thead>
</table>

See Also

Reference

CIEXYZ Structure
Kaliko.ImageLibrary.ColorSpace Namespace

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

## CIEXYZ Constructor

- Collapse All
- Language Filter: All


### Syntax

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

#### 'Declaration

```vbnet
Public Function New( _
    ByVal x As System.Double, _
    ByVal y As System.Double, _
    ByVal z As System.Double _
)"

' Usage

Dim x As System.Double
Dim y As System.Double
Dim z As System.Double

Dim instance As New CIEXYZ(x, y, z)
```

#### 'Usage

```csharp
public CIEXYZ(
    System.double x,
    System.double y,
    System.double z
)

public CIEXYZ(
    x: System.Double;
    y: System.Double;
    z: System.Double
);

public function CIEXYZ(
    x : System.double,
    y : System.double,
    z : System.double
);

public: CIEXYZ(
```
public:
CIELUV(System::double x, System::double y, System::double z)

Parameters

x
y
z

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

CIELUV Structure
CIELUV Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**CIEXYZ Structure Methods**

- Collapse All
- Members Options: Show All


For a list of all members of this type, see [CIEXYZ members](#).

- **Public Methods**

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>= Equals</td>
<td></td>
</tr>
<tr>
<td>= GetHashCode</td>
<td></td>
</tr>
</tbody>
</table>

Top

- **See Also**

Reference

- CIEXYZ Structure
- Kaliko.ImageLibrary.ColorSpace Namespace

This documentation was created using Document! X from Innovasys
Equals Method (CIEXYZ)

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Overrides Function Equals( _
   ByVal obj As System.Object _
) As System.Boolean

'Usage

Dim instance As CIEXYZ
Dim obj As System.Object
Dim value As System.Boolean

value = instance.Equals(obj)
public override System.bool Equals(
   System.object obj
)

public function Equals(
   obj: System TObject
): System.Boolean; override;
public override function Equals(
   obj: System Boolean;
public: System bool Equals(
   System Object* obj
) override
public:
System bool Equals(
   System Object^ obj
) override
Parameters

*obj*

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

- CIEXYZ Structure
- CIEXYZ Members

This documentation was created using Document! X from Innovasys
GetHashCode Method (CIEXYZ)

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Overrides Function GetHashCode() As System.Integer

'Usage

Dim instance As CIEXYZ
Dim value As System.Integer

value = instance.GetHashCode()

public override System.int GetHashCode()
public function GetHashCode(): System.Integer; override;
public override function GetHashCode(): System.int;
public: System.int GetHashCode(); override
public:
System.int GetHashCode(); override

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference
CIEXYZ Structure
CIEXYZ Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**CIEXYZ Structure Properties**

For a list of all members of this type, see CIEXYZ members.

### Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>Gets or sets X component.</td>
</tr>
<tr>
<td>Y</td>
<td>Gets or sets Y component.</td>
</tr>
<tr>
<td>Z</td>
<td>Gets or sets Z component.</td>
</tr>
</tbody>
</table>

**See Also**

Reference

CIEXYZ Structure
Kaliko.ImageLibrary.ColorSpace Namespace

This documentation was created using Document! X from Innovasys
X Property

Gets or sets X component.

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Property X As System.Double

'Usage

Dim instance As CIEXYZ
Dim value As System.Double

instance.X = value

public System.double X {get; set;}
public read-write property X: System.Double;
public function get,set X : System.double
public: __property System.double get_X();
public: __property void set_X(
    System.double value
);
public:
    property System.double X {
        System.double get();
        void set ( System.double value);
    }

Requirements
**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

CIEXYZ Structure
CIEXYZ Members

This documentation was created using Document! X from Innovasys
**Y Property (CIEXYZ)**

- Collapse All  
- Language Filter: All


Gets or sets Y component.

### Syntax

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

### Declaration

```vbnet
Public Property Y As System.Double
```

### Usage

```vbnet
Dim instance As CIEXYZ
Dim value As System.Double

instance.Y = value
```

```csharp
public System.double Y {get; set;}
public read-write property Y: System.Double;
public function get,set Y : System.double
public: __property System.double get_Y();
public: __property void set_Y(System.double value)
};
public:
property System.double Y {
    System.double get();
    void set ( System.double value);
}
```

### Requirements
**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

**Reference**

- CIEXYZ Structure
- CIEXYZ Members

This documentation was created using Document! X from Innovasys
Z Property

Gets or sets Z component.

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Property Z As System.Double

'Usage

Dim instance As CIEXYZ
Dim value As System.Double

instance.Z = value

value = instance.Z

Public System.Double Z {get; set;}
Public read-write property Z: System.Double;
Public function get, set Z : System.double
Public: __property System.double get_Z();
Public: __property void set_Z(
    System.double value
);
Public:
property System.double Z {
    System.double get();
    void set ( System.double value);
}
**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

Reference

CIEXYZ Structure
CIEXYZ Members

This documentation was created using Document! X from Innovasys
For a list of all members of this type, see CIEXYZ members.

### Public Fields

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>D65</td>
<td>Gets the CIE D65 (white) structure.</td>
</tr>
<tr>
<td>Empty</td>
<td>Gets an empty CIEXYZ structure.</td>
</tr>
</tbody>
</table>

### See Also

Reference

CIEXYZ Structure
Kaliko.ImageLibrary.ColorSpace Namespace

This documentation was created using Document! X from Innovasys
D65 Field

Gets the CIE D65 (white) structure.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

**Declaration**

```vbnet
Public Shared ReadOnly D65 As CIEXYZ
```

```csharp
public static readonly CIEXYZ D65
```

```delphi
public field D65: CIEXYZ; static; readonly
```

```javascript
public static var D65 : CIEXYZ;
```

```cpli
public: static readonly CIEXYZ D65
```

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**
Reference

CIEXYZ Structure
CIEXYZ Members

This documentation was created using Document! X from Innovasys
Empty Field (CIEXYZ)

Gets an empty CIEXYZ structure.

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Shared ReadOnly Empty As CIEXYZ

'Usage

Dim value As CIEXYZ

value = CIEXYZ.Empty

public static readonly CIEXYZ Empty

public field Empty: CIEXYZ; static; readonly

public static var Empty : CIEXYZ;

public: static readonly CIEXYZ Empty

public:

static readonly CIEXYZ Empty

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also
Reference

CIEXYZ Structure
CIEXYZ Members

This documentation was created using Document! X from Innovasys
Equality Operator (CIEXYZ)

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Operator =( _
          ByVal item1 As CIEXYZ, _
          ByVal item2 As CIEXYZ _
) As System.Boolean

'Usage

public System.bool operator ==(
          CIEXYZ item1,
          CIEXYZ item2
)

This operator type is not supported by Delphi
This operator type is not supported by JScript

public: System.bool op_Equality(
          CIEXYZ item1,
          CIEXYZ item2
)

public:
System.bool operator ==(
          CIEXYZ item1,
          CIEXYZ item2
)

Parameters

item1
item2
Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

CIEXYZ Structure
CIEXYZ Members

This documentation was created using Document! X from Innovasys
**Inequality Operator (CIEXYZ)**

- Collapse All  
- Language Filter: All

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'**Declaration**'

```vbnet
Public Operator <>( _
    ByVal item1 As CIEXYZ, _
    ByVal item2 As CIEXYZ _
) As System.Boolean
```

'**Usage**'

```csharp
public System.bool operator !=(
    CIEXYZ item1,
    CIEXYZ item2
)
```

This operator type is not supported by Delphi
This operator type is not supported by JScript

```cpp
public: System.bool op_Inequality(
    CIEXYZ item1,
    CIEXYZ item2
)
```

```cpp
public:
System.bool operator !=(
    CIEXYZ item1,
    CIEXYZ item2
)
```

**Parameters**

- `item1`
- `item2`
Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

CIEXYZ Structure
CIEXYZ Members

This documentation was created using Document! X from Innovasys
CMYK Structure

Structure to define CMYK.

Object Model

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Structure CMYK
    Inherits System.ValueType
'Usage

Dim instance As CMYK
public struct CMYK : System.ValueType
public type CMYK = class(System.ValueType)
In JScript, you can use structures in other assemblies, but you can
public __value struct CMYK : public System.ValueType
public value class CMYK : public System.ValueType

Inheritance Hierarchy

System.Object
System.ValueType
Kaliko.ImageLibrary.ColorSpace.CMYK
Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

CMYK Members
Kaliko.ImageLibrary.ColorSpace Namespace

This documentation was created using Document! X from Innovasys
The following tables list the members exposed by **CMYK**.

### Public Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMYK Constructor</td>
<td>Creates an instance of a CMYK structure.</td>
</tr>
</tbody>
</table>

### Public Fields

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Empty</td>
<td>Gets an empty CMYK structure;</td>
</tr>
</tbody>
</table>

### Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td></td>
</tr>
<tr>
<td>Cyan</td>
<td></td>
</tr>
<tr>
<td>Magenta</td>
<td></td>
</tr>
<tr>
<td>Yellow</td>
<td></td>
</tr>
</tbody>
</table>

### Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equals</td>
<td></td>
</tr>
</tbody>
</table>
## Public Operators

<table>
<thead>
<tr>
<th>Equality</th>
<th>Inequality</th>
</tr>
</thead>
</table>

## See Also

### Reference

- CMYK Structure
- Kaliko.ImageLibrary.ColorSpace Namespace

This documentation was created using Document! X from Innovasys
CMYK Constructor

Creates an instance of a CMYK structure.

**Syntax**

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

'**Declaration**

```vbnet
Public Function New( _
    ByVal c As System.Double, _
    ByVal m As System.Double, _
    ByVal y As System.Double, _
    ByVal k As System.Double _
) 'Usage

Dim c As System.Double
Dim m As System.Double
Dim y As System.Double
Dim k As System.Double

Dim instance As New CMYK(c, m, y, k)
```

```csharp
public CMYK( 
    System.double c,
    System.double m,
    System.double y,
    System.double k
)

public CMYK( 
    c: System.Double;
    m: System.Double;
    y: System.Double;
    k: System.Double
```
public function CMYK(
    c: System.double,
    m: System.double,
    y: System.double,
    k: System.double
)

public: CMYK(
    System::double c,
    System::double m,
    System::double y,
    System::double k
)

Parameters

$c$
$m$
$y$
$k$

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

CMYK Structure
CMYK Members

This documentation was created using Document! X from Innovasys
**CMYK Structure Methods**

For a list of all members of this type, see [CMYK members](#).

### Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equals</td>
<td></td>
</tr>
<tr>
<td>GetHashCode</td>
<td></td>
</tr>
</tbody>
</table>

### See Also

**Reference**

[CMYK Structure](#)
[Kaliko.ImageLibrary.ColorSpace Namespace](#)

This documentation was created using Document! X from Innovasys
Equals Method (CMYK)

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Overrides Function Equals(_
    ByVal obj As System.Object _
  ) As System.Boolean

'Usage

Dim instance As CMYK
Dim obj As System.Object
Dim value As System.Boolean

value = instance.Equals(obj)
public override System.bool Equals(
    System.object obj
)

public function Equals(
    obj: System.TObject
): System.Boolean; override;
public override function Equals(
    obj : System.object
): System.boolean;
public: System.bool Equals(
    System.Object* obj
) override

public:
System.bool Equals(
    System.Object^ obj
) override
Parameters

\( obj \)

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

CMYK Structure
CMYK Members

This documentation was created using Document! X from Innovasys
GetHashCode Method (CMYK)

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Overrides Function GetHashCode() As System.Integer

'Usage

Dim instance As CMYK
Dim value As System.Integer

value = instance.GetHashCode()

public override System.int GetHashCode()
public function GetHashCode(): System.Integer; override;
public override function GetHashCode() : System.int;
public: System.int GetHashCode(); override
public:
    System.int GetHashCode(); override

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference
CMYK Structure
CMYK Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**CMYK Structure Properties**

› Collapse All  › Members Options: Show All


For a list of all members of this type, see CMYK members.

### Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Black]</td>
<td></td>
</tr>
<tr>
<td>![Cyan]</td>
<td></td>
</tr>
<tr>
<td>![Magenta]</td>
<td></td>
</tr>
<tr>
<td>![Yellow]</td>
<td></td>
</tr>
<tr>
<td>Top</td>
<td></td>
</tr>
</tbody>
</table>

### See Also

**Reference**

CMYK Structure
Kaliko.ImageLibrary.ColorSpace Namespace

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**Black Property**

- Collapse All  - Language Filter: All


## Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Property Black As System.Double
```

'Usage

```
Dim instance As CMYK
Dim value As System.Double

instance.Black = value
```

```
public System.double Black {get; set;}
public read-write property Black: System.Double;
public function get,set Black : System.double
public: __property System.double get_Black();
public: __property void set_Black(
    System.double value
);
```

```
public:
property System.double Black {
    System.double get();
    void set ( System.double value);
}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server
2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

CMYK Structure
CMYK Members

This documentation was created using Document! X from Innovasys
**Cyan Property**

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

### Declaration

**Public Property** Cyan As System.Double

**Usage**

```visualbasic
Dim instance As CMYK
Dim value As System.Double

instance.Cyan = value
```

```csharp
public System.double Cyan {get; set;}
public read-write property Cyan: System.Double;
public function get,set Cyan : System.double
public: __property System.double get_Cyan();
public: __property void set_Cyan(
    System.double value
);
```

```delphi
property System.double Cyan {
    System.double get();
    void set (System.double value);
}
```

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server
2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

CMYK Structure
CMYK Members

This documentation was created using Document! X from Innovasys
Magenta Property

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Property Magenta As System.Double

'Usage

Dim instance As CMYK
Dim value As System.Double

instance.Magenta = value

public System.double Magenta {get; set;}
public read-write property Magenta: System.Double;
public function get, set Magenta : System.double
public: __property System.double get_Magenta();
public: __property void set_Magenta(
    System.double value
);
public:
property System.double Magenta {
    System.double get();
    void set ( System.double value);
}

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server
2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

CMYK Structure
CMYK Members

This documentation was created using Document! X from Innovasys
Yellow Property

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Property Yellow As System.Double

'Usage

Dim instance As CMYK
Dim value As System.Double

instance.Yellow = value

value = instance.Yellow

public System.double Yellow {get; set;}

public read-write property Yellow: System.Double;

public function get, set Yellow : System.double

public: __property System.double get_Yellow();

public: __property void set_Yellow(System.double value);

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server
2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

CMYK Structure
CMYK Members

This documentation was created using Document! X from Innovasys
CMYK Structure Fields

For a list of all members of this type, see CMYK members.

Public Fields

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>s Empty</td>
<td>Gets an empty CMYK structure;</td>
</tr>
</tbody>
</table>

See Also

Reference

CMYK Structure
Kaliko.ImageLibrary.ColorSpace Namespace

This documentation was created using Document! X from Innovasys
Empty Field (CMYK)

Gets an empty CMYK structure;

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```csharp
Public Shared ReadOnly Empty As CMYK
```

'Usage

```csharp
Dim value As CMYK
```

```csharp
value = CMYK.Empty
```

```csharp
public static readonly CMYK Empty
```

```csharp
public field Empty: CMYK; static; readonly
```

```csharp
public static var Empty : CMYK;
```

```csharp
public: static readonly CMYK Empty
```

```csharp
public: static readonly CMYK Empty
```

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**
Reference

CMYK Structure
CMYK Members

This documentation was created using Document! X from Innovasys
Equality Operator (CMYK)

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Operator =( ByVal item1 As CMYK, ByVal item2 As CMYK) As System.Boolean

'Usage

Public System.bool operator == (CMYK item1, CMYK item2)

This operator type is not supported by Delphi
This operator type is not supported by JScript

public: System.bool op_Equality(CMYK item1, CMYK item2)

public:
System.bool operator == (CMYK item1, CMYK item2)

Parameters

item1
item2
Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

CMYK Structure
CMYK Members

This documentation was created using Document! X from Innovasys
Inequality Operator (CMYK)

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Operator <>( _
    ByVal item1 As CMYK, _
    ByVal item2 As CMYK _
) As System.Boolean

'Usage

public System.bool operator !=( 
    CMYK item1,
    CMYK item2
)

This operator type is not supported by Delphi
This operator type is not supported by JScript

public: System.bool op_Inequality(
    CMYK item1,
    CMYK item2
)

public:
System.bool operator !=( 
    CMYK item1,
    CMYK item2
)

Parameters

item1
item2
Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

CMYK Structure
CMYK Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**HSB Structure**

Members  ▶ Collapse All  ▶ Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace : HSB Structure

Structure to define HSB.

### Object Model

**HSB**

### Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'\Declaration

Public Structure HSB
    Inherits System.ValueType
'\Usage

Dim instance As HSB
Public struct HSB : System.ValueType
Public type HSB = class(System.ValueType)
In JScript, you can use structures in other assemblies, but you ca
Public __value struct HSB : Public System.ValueType
Public value class HSB : Public System.ValueType

### Inheritance Hierarchy

System.Object
    System.ValueType
        Kaliko.ImageLibrary.ColorSpace.HSB
Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

HSB Members
Kaliko.ImageLibrary.ColorSpace Namespace

This documentation was created using Document! X from Innovasys
The following tables list the members exposed by HSB.

### Public Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>* HSB Constructor</td>
<td>Creates an instance of a HSB structure.</td>
</tr>
</tbody>
</table>

### Public Fields

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>empty</td>
<td>Gets an empty HSB structure;</td>
</tr>
</tbody>
</table>

### Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brightness</td>
<td>Gets or sets the brightness component.</td>
</tr>
<tr>
<td>Hue</td>
<td>Gets or sets the hue component.</td>
</tr>
<tr>
<td>Saturation</td>
<td>Gets or sets saturation component.</td>
</tr>
</tbody>
</table>

### Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>equals</td>
<td></td>
</tr>
<tr>
<td>GetHashCode</td>
<td></td>
</tr>
</tbody>
</table>
Public Operators

<table>
<thead>
<tr>
<th>Operator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equality</td>
</tr>
<tr>
<td>Inequality</td>
</tr>
</tbody>
</table>

See Also

Reference

HSB Structure
Kaliko.ImageLibrary.ColorSpace Namespace

This documentation was created using Document! X from Innovasys
HSB Constructor

Creates an instance of a HSB structure.

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Function New( _
    ByVal h As System.Double, _
    ByVal s As System.Double, _
    ByVal b As System.Double _
)'

'Usage

Dim h As System.Double
Dim s As System.Double
Dim b As System.Double

Dim instance As New HSB(h, s, b)

public HSB(
    System.double h,
    System.double s,
    System.double b
)

public HSB(
    h: System.Double;
    s: System.Double;
    b: System.Double
);

public function HSB(
    h : System.double,
    s : System.double,


```csharp
b : System.double

public: HSB(
    System.double h,
    System.double s,
    System.double b
)

public:
HSB(
    System.double h,
    System.double s,
    System.double b
)
```

**Parameters**

- **h**
  Hue value.
- **s**
  Saturation value.
- **b**
  Brightness value.

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

**Reference**

- HSB Structure
- HSB Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**HSB Structure Methods**

- Collapse All  
- Members Options: Show All

Kaliko.ImageLibrary.ColorSpace Namespace : HSB Structure

For a list of all members of this type, see HSB members.

### Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equals</td>
<td></td>
</tr>
<tr>
<td>GetHashCode</td>
<td></td>
</tr>
</tbody>
</table>

See Also

Reference

- HSB Structure
- Kaliko.ImageLibrary.ColorSpace Namespace

This documentation was created using Document! X from Innovasys
Equals Method (HSB)

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Overrides Function Equals( _
    ByVal obj As System.Object _
) As System.Boolean

'Usage

Dim instance As HSB
Dim obj As System.Object
Dim value As System.Boolean

value = instance.Equals(obj)
public override System.bool Equals(
    System.object obj
)

public function Equals(
    obj: System.TObject
): System.boolean; override;
public override function Equals(
    obj : System.object
) : System.boolean;
public: System.bool Equals(
    System.Object* obj
) override
public:
System.bool Equals(
    System.Object^ obj
) override
Parameters

obj

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

HSB Structure
HSB Members

This documentation was created using Document! X from Innovasys
GetHashCode Method (HSB)

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Overrides Function GetHashCode() As System.Integer

'Usage

Dim instance As HSB
Dim value As System.Integer

value = instance.GetHashCode()

Public override System.int GetHashCode()
Public function GetHashCode(): System.Integer; override;
Public override function GetHashCode(): System.int;
Public: System.int GetHashCode(); override
Public:
System.int GetHashCode(); override

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference
This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**HSB Structure Properties**

› Collapse All › Members Options: Show All

Kaliko.ImageLibrary.ColorSpace Namespace : HSB Structure

For a list of all members of this type, see [HSB members](#).

### Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brightness</td>
<td>Gets or sets the brightness component.</td>
</tr>
<tr>
<td>Hue</td>
<td>Gets or sets the hue component.</td>
</tr>
<tr>
<td>Saturation</td>
<td>Gets or sets saturation component.</td>
</tr>
</tbody>
</table>

[Top](#)

### See Also

**Reference**

HSB Structure

Kaliko.ImageLibrary.ColorSpace Namespace

This documentation was created using Document! X from Innovasys
Brightness Property

Gets or sets the brightness component.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'**Declaration**

```vbnet
Public Property Brightness As System.Double
```

'**Usage**

```vbnet
Dim instance As HSB
Dim value As System.Double

instance.Brightness = value
```

```csharp
public System.double brightness {get; set;}

public read-write property Brightness: System.Double;

public function get, set Brightness : System.double

public: __property System.double get_Brightness();

public: __property void set_Brightness(
        System.double value)

);

public:

property System.double Brightness {
    System.double get();
    void set ( System.double value);
}
```

**Requirements**
**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

Reference

HSB Structure
HSB Members

This documentation was created using Document! X from Innovasys
Hue Property (HSB)

Gets or sets the hue component.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Property Hue As System.Double
```

'Usage

```
Dim instance As HSB
Dim value As System.Double

instance.Hue = value
```

```
public System.double Hue {get; set;}
public read-write property Hue: System.Double;
public function get,set Hue : System.double
public: __property System.double get_Hue();
public: __property void set_Hue(
    System.double value
);
```

```
property System.double Hue {
    System.double get();
    void set (System.double value); 
}
```

**Requirements**
**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

### See Also

**Reference**

- HSB Structure
- HSB Members

This documentation was created using [Document! X](http://www.innovasys.com) from Innovasys
Gets or sets saturation component.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Property Saturation As System.Double

'Usage

Dim instance As HSB
Dim value As System.Double

instance.Saturation = value

public System.double Saturation {get; set;}
public read-write property Saturation: System.Double;
public function get,set Saturation : System.double
public: __property System.double get_Saturation();
public: __property void set_Saturation(
    System.double value
);
public:
property System.double Saturation {
    System.double get();
    void set ( System.double value);
}

**Requirements**
**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

Reference

HSB Structure
HSB Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**HSB Structure Fields**

› Collapse All  › Members Options: Show All

Kaliko.ImageLibrary.ColorSpace Namespace : HSB Structure

For a list of all members of this type, see [HSB members](#).

### Public Fields

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🍃 $ Empty</td>
<td>Gets an empty HSB structure;</td>
</tr>
</tbody>
</table>

**See Also**

**Reference**

HSB Structure
Kaliko.ImageLibrary.ColorSpace Namespace

This documentation was created using [Document! X from Innovasys](#).
Empty Field (HSB)

Gets an empty HSB structure;

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'**Declaration**

```vbnet
Public Shared ReadOnly Empty As HSB
```

```csharp
Dim value As HSB
value = HSB.Empty
```

```cpp
public static readonly HSB Empty
```

```delphi
public field Empty: HSB; static; readonly
```

```js
public static var Empty : HSB;
```

```cpp
public: static readonly HSB Empty
```

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**
Reference

HSB Structure
HSB Members

This documentation was created using Document! X from Innovasys
Equality Operator (HSB)

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Operator =( _
    ByVal item1 As HSB, _
    ByVal item2 As HSB _
) As System.Boolean

'Usage

public System.bool operator ==(
    HSB item1,
    HSB item2
)

This operator type is not supported by Delphi
This operator type is not supported by JScript

public: System.bool op_Equality(
    HSB item1,
    HSB item2
)

Parameters

item1
item2
**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

Reference

HSB Structure
HSB Members

This documentation was created using Document! X from Innovasys
Inequality Operator (HSB)

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Operator <>( _
    ByVal item1 As HSB, _
    ByVal item2 As HSB _
) As System.Boolean

'Usage

public System.bool operator !=( 
    HSB item1,  
    HSB item2 
)

This operator type is not supported by Delphi
This operator type is not supported by JScript

public: System.bool op_Inequality(  
    HSB item1,  
    HSB item2 
)

Parameters

- item1
- item2
## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

**Reference**

- HSB Structure
- HSB Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**HSL Structure**

Members  ▪ Collapse All ▪ Language Filter: All


Structure to define HSL.


**Object Model**

| HSL |


**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

**Public Structure** HSL  
  **Inherits** System.ValueType

'Usage

Dim instance As HSL
Public struct HSL : System.ValueType
Public type HSL = class(System.ValueType)

In JScript, you can use structures in other assemblies, but you can

Public __value struct HSL : Public System.ValueType
Public value class HSL : Public System.ValueType


**Inheritance Hierarchy**

System.Object
  System.ValueType
    Kaliko.ImageLibrary.ColorSpace.HSL
Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

HSL Members
Kaliko.ImageLibrary.ColorSpace Namespace

This documentation was created using Document! X from Innovasys
The following tables list the members exposed by HSL.

### Public Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSL Constructor</td>
<td>Creates an instance of a HSL structure.</td>
</tr>
</tbody>
</table>

### Public Fields

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Empty</td>
<td>Gets an empty HSL structure;</td>
</tr>
</tbody>
</table>

### Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hue</td>
<td>Gets or sets the hue component.</td>
</tr>
<tr>
<td>Luminance</td>
<td>Gets or sets the luminance component.</td>
</tr>
<tr>
<td>Saturation</td>
<td>Gets or sets saturation component.</td>
</tr>
</tbody>
</table>

### Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equals</td>
<td></td>
</tr>
<tr>
<td>GetHashCode</td>
<td></td>
</tr>
</tbody>
</table>
Public Operators

<table>
<thead>
<tr>
<th>Equality</th>
<th>Inequality</th>
</tr>
</thead>
</table>

Top

See Also

Reference

HSL Structure
Kaliko.ImageLibrary.ColorSpace Namespace

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**HSL Constructor**

- Collapse All  Language Filter: All

**Kaliko.ImageLibrary.ColorSpace Namespace > HSL Structure : HSL Constructor**

Creates an instance of a HSL structure.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

''Declaration

```visualbasic
Public Function New( _
    ByVal h As System.Double, _
    ByVal s As System.Double, _
    ByVal l As System.Double _
)
' Usage

Dim h As System.Double
Dim s As System.Double
Dim l As System.Double

Dim instance As New HSL(h, s, l)
```

```csharp
public HSL(
    System.double h,
    System.double s,
    System.double l
)
```

```delphi
public HSL(  
    h: System.Double;
    s: System.Double;
    l: System.Double
);
```

```javascript
public function HSL(  
    h : System.double,  
    s : System.double,
```
public: HSL(
    System::double h,
    System::double s,
    System::double l
)
public:
HSL(
    System::double h,
    System::double s,
    System::double l
)

Parameters

h
    Hue value.

s
    Saturation value.

l
    Lightness value.

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

HSL Structure
HSL Members

This documentation was created using Document! X from Innovasys
HSL Structure Methods

For a list of all members of this type, see HSL members.

Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equals</td>
<td></td>
</tr>
<tr>
<td>GetHashCode</td>
<td></td>
</tr>
</tbody>
</table>

See Also

Reference

HSL Structure
Kaliko.ImageLibrary.ColorSpace Namespace

This documentation was created using Document! X from Innovasys
Equals Method (HSL)

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

`Public Overrides Function Equals( _
    ByVal obj As System.Object _
) As System.Boolean`

'Usage

```vbnet
Dim instance As HSL
Dim obj As System.Object
Dim value As System.Boolean

value = instance.Equals(obj)
```

```csharp
public override System.bool Equals(
    System.object obj
)
```

```delphi
public override function Equals(
    obj: System.TObject
): System.Boolean; override;
```

```jscript
public override function Equals(
    obj: System.Object
): System.boolean;
```

```cpp
public override System::bool Equals(
    System::Object* obj
) override
```

```cli
public: System::bool Equals(
    System::Object^ obj
) override
```
Parameters

obj

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

HSL Structure
HSL Members

This documentation was created using Document! X from Innovasys
GetHashCode Method (HSL)

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Overrides Function GetHashCode() As System.Integer

'Usage

Dim instance As HSL
Dim value As System.Integer

value = instance.GetHashCode()

public override System.int GetHashCode()
public override System.int GetHashCode();
public function GetHashCode(): System.Integer; override;
public override function GetHashCode() : System.int;

public: System.int GetHashCode(); override

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference
HSL Structure
HSL Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

HSL Structure Properties

For a list of all members of this type, see HSL members.

Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hue</td>
<td>Gets or sets the hue component.</td>
</tr>
<tr>
<td>Luminance</td>
<td>Gets or sets the luminance component.</td>
</tr>
<tr>
<td>Saturation</td>
<td>Gets or sets saturation component.</td>
</tr>
</tbody>
</table>

See Also

Reference

HSL Structure
Kaliko.ImageLibrary.ColorSpace Namespace

This documentation was created using Document! X from Innovasys
**Hue Property (HSL)**

- Collapse All  
- Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > HSL Structure : Hue Property

Gets or sets the hue component.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'**Declaration**

**Public Property** Hue **As** System.Double

'**Usage**

```vbnet
Dim instance As HSL
Dim value As System.Double

instance.Hue = value
```

```csharp
public System.double Hue {get; set;}

public read-write property Hue: System.Double;

public function get,set Hue : System.double

public: __property System.double get_Hue();

public: __property void set_Hue(System.double value)
```

```delphi
property System.double Hue [  
  System.double get();
  void set ( System.double value);  
]
```

**Requirements**
**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

**Reference**

HSL Structure
HSL Members

This documentation was created using Document! X from Innovasys
Luminance Property

Gets or sets the luminance component.

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Property Luminance As System.Double

'Usage

Dim instance As HSL
Dim value As System.Double

instance.Luminance = value

public System.double Luminance {get; set;}
public read-write property Luminance: System.Double;
public function get, set Luminance : System.double
public: __property System.double get_Luminance();
public: __property void set_Luminance(
    System.double value
);

Requirements
**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

**Reference**

HSL Structure
HSL Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**Saturation Property (HSL)**

- Collapse All  
- Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > HSL Structure : Saturation Property

Gets or sets saturation component.

### Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

**Public Property** Saturation **As** System.Double

'Usage

```vbnet
Dim instance **As** HSL
Dim value **As** System.Double

instance.Saturation = value
```

```csharp
public System.double Saturation {get; set;}

public read-write property Saturation: System.double;

public function get, set Saturation : System.double

public: __property System.double get_Saturation();

public: __property void set_Saturation(
    System.double value
);

public:
    property System.double Saturation {
        System.double get();
        void set ( System.double value);
    }
```

### Requirements
Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

HSL Structure
HSL Members

This documentation was created using Document! X from Innovasys
For a list of all members of this type, see **HSL members**.

### Public Fields

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>😡</td>
<td>Empty</td>
</tr>
</tbody>
</table>

**See Also**

**Reference**

- HSL Structure
- Kaliko.ImageLibrary.ColorSpace Namespace

This documentation was created using **Document! X** from Innovasys
**Empty Field (HSL)**

Gets an empty HSL structure;

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```VisualBasic
Public Shared ReadOnly Empty As HSL
```

'Usage

```VisualBasic
Dim value As HSL

value = HSL.Empty
```

```C#
public static readonly HSL Empty
```

```Delphi
public field Empty: HSL; static; readonly
```

```JScript
public static var Empty : HSL;
```

```C++
public: static readonly HSL Empty
```

```C++/CLI
static readonly HSL Empty
```

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**
Reference

HSL Structure
HSL Members

This documentation was created using Document! X from Innovasys
**Equality Operator (HSL)**

Kaliko.ImageLibrary


### Syntax

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

'**Declaration**

```vbnet
Public Operator =( _
    ByVal item1 As HSL, _
    ByVal item2 As HSL _
) As System.Boolean
```

'**Usage**

```vbnet
public System.bool operator ==(
    HSL item1,
    HSL item2
)
```

This **operator** type **is** not supported by Delphi

This operator type is not supported by JScript

```csharp
public: System.bool op_Equality(
    HSL item1,
    HSL item2
)
```

```delphi
public:
System.bool operator ==(
    HSL item1,
    HSL item2
)
```

**Parameters**

- **item1**
- **item2**
Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

HSL Structure
HSL Members

This documentation was created using Document! X from Innovasys
**Inequality Operator (HSL)**

- Collapse All  
- Language Filter: All


### Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

**'Declaration**

```vbnet
Public Operator <>( _
    ByVal item1 As HSL, _
    ByVal item2 As HSL _
) As System.Boolean
```

**'Usage**

```vbnet
public System.bool operator !=(  
    HSL item1,  
    HSL item2  
)
```

This **operator** type is not supported by Delphi

This operator type is not supported by JScript

```csharp
public: System.bool op_Inequality( 
    HSL item1,  
    HSL item2
)
```

```cpp
public:  
System.bool operator !=( 
    HSL item1,  
    HSL item2
)
```

### Parameters

- *item1*
- *item2*
Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

HSL Structure
HSL Members

This documentation was created using Document! X from Innovasys
**RGB Structure**

Structure to define RGB.

**Object Model**

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

`'Declaration`

```csharp
public struct RGB : System.ValueType
```

`'Usage`

```csharp
Dim instance As RGB
Dim RGB = class(System.ValueType)
In JScript, you can use structures in other assemblies, but you can
public __value struct RGB : public System.ValueType
public value class RGB : public System.ValueType
```

**Inheritance Hierarchy**

System.Object
  System.ValueType
    Kaliko.ImageLibrary.ColorSpace.RGB
Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

RGB Members
Kaliko.ImageLibrary.ColorSpace Namespace

This documentation was created using Document! X from Innovasys
## RGB Structure Members

The following tables list the members exposed by RGB.

### Public Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RGB Constructor</td>
<td></td>
</tr>
</tbody>
</table>

### Public Fields

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Empty</td>
<td>Gets an empty RGB structure;</td>
</tr>
</tbody>
</table>

### Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue</td>
<td></td>
</tr>
<tr>
<td>Green</td>
<td></td>
</tr>
<tr>
<td>Red</td>
<td></td>
</tr>
</tbody>
</table>

### Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equals</td>
<td></td>
</tr>
<tr>
<td>GetHashCode</td>
<td></td>
</tr>
</tbody>
</table>

## Kaliko.ImageLibrary.ColorSpace Namespace: RGB Structure
Public Operators

<table>
<thead>
<tr>
<th>Operator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equality</td>
</tr>
<tr>
<td>Inequality</td>
</tr>
</tbody>
</table>

See Also

Reference

RGB Structure
Kaliko.ImageLibrary.ColorSpace Namespace

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

RGB Constructor

Collapse All  Language Filter: All


## Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

### Declaration

```
Public Function New( _
    ByVal R As System.Integer, _
    ByVal G As System.Integer, _
    ByVal B As System.Integer _
) }

'Usage

Dim R As System.Integer
Dim G As System.Integer
Dim B As System.Integer

Dim instance As New RGB(R, G, B)
```

```
public RGB(
    System.int R,
    System.int G,
    System.int B
)

public RGB(
    R: System.Integer;
    G: System.Integer;
    B: System.Integer
);

public function RGB(
    R : System.int,
    G : System.int,
    B : System.int
);
```

```
public: RGB(
```
public:
RGB(
    System::int R,
    System::int G,
    System::int B
)

Parameters

\( R \)
\( G \)
\( B \)

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

RGB Structure
RGB Members

This documentation was created using Document! X from Innovasys
RGB Structure Methods

For a list of all members of this type, see RGB members.

Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>= Equals</td>
<td></td>
</tr>
<tr>
<td>GetHashCode</td>
<td></td>
</tr>
</tbody>
</table>

See Also

Reference

RGB Structure
Kaliko.ImageLibrary.ColorSpace Namespace

This documentation was created using Document! X from Innovasys
Equals Method (RGB)

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Overrides Function Equals( _
    ByVal obj As System.Object _
) As System.Boolean

'Usage

Dim instance As RGB
Dim obj As System.Object
Dim value As System.Boolean

value = instance.Equals(obj)
public override System.bool Equals(
    System.object obj
)

public function Equals(
    obj: System.TObject
): System.Boolean; override;
public override function Equals(
    obj : System.object
): System.boolean;
public: System.bool Equals(
    System.Object* obj
) override
public:
System.bool Equals(
    System.Object^ obj
) override
Parameters

(obj)

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

RGB Structure
RGB Members

This documentation was created using Document! X from Innovasys
GetHashCode Method (RGB)

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Overrides Function GetHashCode() As System.Integer

'Usage

Dim instance As RGB
Dim value As System.Integer

value = instance.GetHashCode()

public override System.int GetHashCode()
public function GetHashCode(): System.Integer; override;
public override function GetHashCode() : System.int;
public: System.int GetHashCode(); override
public:
    System.int GetHashCode(); override

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference
Kaliko.ImageLibrary

**RGB Structure Properties**

- Collapse All  
- Members Options: Show All


For a list of all members of this type, see [RGB members](#).

### Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🟢 Blue</td>
<td></td>
</tr>
<tr>
<td>🟠 Green</td>
<td></td>
</tr>
<tr>
<td>🔴 Red</td>
<td></td>
</tr>
</tbody>
</table>

**See Also**

Reference

**RGB Structure**

Kaliko.ImageLibrary.ColorSpace Namespace

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Ànal. ImageLibrary

Blue Property

› Collapse All  › Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > RGB Structure : Blue Property

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Property Blue As System.Integer

'Usage

Dim instance As RGB
Dim value As System.Integer

instance.Blue = value

public System.int Blue {get; set;}
public read-write property Blue: System.Integer;
public function get,set Blue : System.int
public: __property System.int get_Blue();
public: __property void set_Blue(
    System.int value
);

public:
property System.int Blue {
    System.int get();
    void set ( System.int value);
}

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server
2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

RGB Structure
RGB Members

This documentation was created using Document! X from Innovasys
Green Property

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Property Green As System.Integer

'Usage

Dim instance As RGB
Dim value As System.Integer

instance.Green = value

public System.int Green {get; set;}
public read-write property Green: System.Integer;
public function get,set Green : System.int
public: __property System.int get_Green();
public: __property void set_Green(
    System.int value
);
public:
    property System.int Green {
        System.int get();
        void set ( System.int value);
    }

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server
2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

RGB Structure
RGB Members

This documentation was created using Document! X from Innovasys
Red Property

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Property Red As System.Integer

'Usage

Dim instance As RGB
Dim value As System.Integer

instance.Red = value

value = instance.Red

public System.int Red {get; set;}
public read-write property Red: System.Integer;
public function get,set Red : System.int
public: __property System.int get_Red();
public: __property void set_Red(System.int value)

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server
See Also

Reference

RGB Structure
RGB Members
RGB Structure Fields

For a list of all members of this type, see RGB members.

Public Fields

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🦠 S</td>
<td>Empty</td>
</tr>
</tbody>
</table>

See Also

Reference

RGB Structure
Kaliko.ImageLibrary.ColorSpace Namespace

This documentation was created using Document! X from Innovasys
Empty Field (RGB)

Gets an empty RGB structure;

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'**Declaration**

```
Public Shared ReadOnly Empty As RGB
```

'**Usage**

```
Dim value As RGB
value = RGB.Empty
public static readonly RGB Empty
public field Empty: RGB; static; readonly
public static var Empty : RGB;
public: static readonly RGB Empty
public:
static readonly RGB Empty
```

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**
Reference
RGB Structure
RGB Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

Equality Operator (RGB)

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Operator =( _
    ByVal item1 As RGB, _
    ByVal item2 As RGB _
) As System.Boolean

'Usage

public System.bool operator ==(
    RGB item1,
    RGB item2
)

This operator type is not supported by Delphi
This operator type is not supported by JScript

public: System.bool op_Equality(
    RGB item1,
    RGB item2
)

public:
System.bool operator ==(
    RGB item1,
    RGB item2
)

Parameters

item1
item2
Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

RGB Structure
RGB Members

This documentation was created using Document! X from Innovasys
Inequality Operator (RGB)

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Operator <>(_
    ByVal item1 As RGB, _
    ByVal item2 As RGB _
) As System.Boolean

'Usage

public System.bool operator !=(_
    RGB item1,
    RGB item2
)

This operator type is not supported by Delphi
This operator type is not supported by JScript

public: System.bool op_Inequality(_
    RGB item1,
    RGB item2
)

public:
System.bool operator !=(_
    RGB item1,
    RGB item2
)

Parameters

item1
item2
Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

RGB Structure
RGB Members

This documentation was created using Document! X from Innovasys
Structure to define YUV.

**Object Model**

![YUV Icon]

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```plaintext
Public Structure YUV
   Inherits System.ValueType

Usage

Dim instance As YUV
public struct YUV : System.ValueType
public type YUV = class(System.ValueType)
In JScript, you can use structures in other assemblies, but you ca
public __value struct YUV : public System.ValueType
public value class YUV : public System.ValueType
```

**Inheritance Hierarchy**

System.Object
   System.ValueType
      Kaliko.ImageLibrary.ColorSpace.YUV
**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

Reference

YUV Members
Kaliko.ImageLibrary.ColorSpace Namespace

This documentation was created using Document! X from Innovasys
The following tables list the members exposed by `YUV`.

### Public Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>YUV Constructor</code></td>
<td>Creates an instance of a YUV structure.</td>
</tr>
</tbody>
</table>

### Public Fields

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>Empty</code></td>
<td>Gets an empty YUV structure.</td>
</tr>
</tbody>
</table>

### Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>U</code></td>
<td></td>
</tr>
<tr>
<td><code>V</code></td>
<td></td>
</tr>
<tr>
<td><code>Y</code></td>
<td></td>
</tr>
</tbody>
</table>

### Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>Equals</code></td>
<td></td>
</tr>
<tr>
<td><code>GetHashCode</code></td>
<td></td>
</tr>
</tbody>
</table>
Public Operators

<table>
<thead>
<tr>
<th>Operator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equality</td>
</tr>
<tr>
<td>Inequality</td>
</tr>
</tbody>
</table>

See Also

Reference

YUV Structure
Kaliko.ImageLibrary.ColorSpace Namespace

This documentation was created using Document! X from Innovasys
YUV Constructor

Creates an instance of a YUV structure.

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Function New( _
    ByVal y As System.Double, _
    ByVal u As System.Double, _
    ByVal v As System.Double _
) _
'Usage

Dim y As System.Double
Dim u As System.Double
Dim v As System.Double

Dim instance As New YUV(y, u, v)

public YUV(
    System.double y,
    System.double u,
    System.double v
)

public YUV(
    y: System.Double;
    u: System.Double;
    v: System.Double
);

public function YUV(
    y : System.double,
    u : System.double,


```
v : System.double
); public: YUV(
    System.double y,
    System.double u,
    System.double v
) public:
YUV(
    System.double y,
    System.double u,
    System.double v
)
```

**Parameters**

- y
- u
- v

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

- Reference
  - YUV Structure
  - YUV Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

YUV Structure Methods

For a list of all members of this type, see YUV members.

Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>equals</td>
<td></td>
</tr>
<tr>
<td>GetHashCode</td>
<td></td>
</tr>
</tbody>
</table>

See Also

Reference

YUV Structure
Kaliko.ImageLibrary.ColorSpace Namespace

This documentation was created using Document! X from Innovasys
Equals Method (YUV)

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Overrides Function Equals( _
   ByVal obj As System.Object _
) As System.Boolean

'Usage

Dim instance As YUV
Dim obj As System.Object
Dim value As System.Boolean

value = instance.Equals(obj)

public override System.bool Equals(
   System.object obj
)

public function Equals(
   obj: System.TObject
): System.boolean; override;

public override function Equals(
   obj : System.object
) : System.boolean;

public: System.bool Equals(
   System.Object* obj
) override

public:
System.bool Equals(
   System.Object^ obj
) override
Parameters

obj

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

YUV Structure
YUV Members

This documentation was created using Document! X from Innovasys
GetHashCode Method (YUV)

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Overrides Function GetHashCode() As System.Integer

'Usage

Dim instance As YUV
Dim value As System.Integer

value = instance.GetHashCode()

public override System.int GetHashCode()
public function GetHashCode(): System.Integer; override;
public override function GetHashCode() : System.int;
public: System.int GetHashCode(); override
public:
System.int GetHashCode(); override

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference
This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

YUV Structure Properties

- Collapse All
- Members Options: Show All


For a list of all members of this type, see YUV members.

Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>U</td>
<td></td>
</tr>
<tr>
<td>V</td>
<td></td>
</tr>
<tr>
<td>Y</td>
<td></td>
</tr>
</tbody>
</table>

Top

See Also

Reference

YUV Structure
Kaliko.ImageLibrary.ColorSpace Namespace

This documentation was created using Document! X from Innovasys
**U Property**

- **Collapse All**
- **Language Filter: All**


### Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```vb
Public Property U As System.Double
Usage
```

```vb
Dim instance As YUV
Dim value As System.Double

instance.U = value
```

```vb
public System.double U {get; set;}
public read-write property U: System.Double;
public function get,set U : System.double
public: __property System.double get_U();
public: __property void set_U(
    System.double value
);
```

```vb
public:
property System.double U {
    System.double get();
    void set ( System.double value);
}
```

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server
2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

YUV Structure
YUV Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**V Property**

- Collapse All
- Language Filter: All


## Syntax

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

### Declaration

```vbnet
Public Property V As System.Double
```

### Usage

```vbnet
Dim instance As YUV
Dim value As System.Double

instance.V = value
```

```csharp
public System.double V {get; set;}
public read-write property V: System.Double;
public function get,set V : System.double
public: __property System.double get_V();
public: __property void set_V(System.double value

);
public:
property System.double V {
    System.double get();
    void set ( System.double value);
}
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server
2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

YUV Structure
YUV Members

This documentation was created using Document! X from Innovasys
**Y Property (YUV)**

* Collapse All  
* Language Filter: All


### Syntax

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

'**Declaration**'

```csharp
Public Property Y As System.Double
```

'**Usage**'

```csharp
Dim instance As YUV
Dim value As System.Double

instance.Y = value

public System.double Y {get; set;}
public read-write property Y: System.Double;
public function get,set Y : System.double
public: __property System.double get_Y();
public: __property void set_Y(
    System.double value
);

property System.double Y {
    System.double get();
    void set ( System.double value);
}
```

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server
2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

YUV Structure
YUV Members

This documentation was created using Document! X from Innovasys
For a list of all members of this type, see YUV members.

Public Fields

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🟦 s Empty</td>
<td>Gets an empty YUV structure.</td>
</tr>
</tbody>
</table>

See Also

Reference

YUV Structure
Kaliko.ImageLibrary.ColorSpace Namespace

This documentation was created using Document! X from Innovasys
Empty Field (YUV)

Gets an empty YUV structure.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```csharp
Public Shared ReadOnly Empty As YUV
```

'Usage

```csharp
Dim value As YUV

value = YUV.Empty
```

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also
Reference

YUV Structure
YUV Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

Equality Operator (YUV)

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Operator =( _
    ByVal item1 As YUV, _
    ByVal item2 As YUV _
) As System.Boolean

Usage

public System.bool operator ==(
    YUV item1,
    YUV item2
)

This operator type is not supported by Delphi
This operator type is not supported by JScript

public: System.bool op_Equality(
    YUV item1,
    YUV item2
)

public:
System.bool operator ==(
    YUV item1,
    YUV item2
)

Parameters

item1
item2
Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

YUV Structure
YUV Members

This documentation was created using Document! X from Innovasy
**Inequality Operator (YUV)**

- Collapse All
- Language Filter: All


## Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```vbnet
Public Operator <>( _
    ByVal item1 As YUV, _
    ByVal item2 As YUV _
) As System.Boolean
```

'Usage

```vbnet
public System=bool operator !( _
    YUV item1,
    YUV item2
)
```

This operator type is not supported by Delphi
This operator type is not supported by JScript

```csharp
public: System.bool op_Inequality(_
    YUV item1,
    YUV item2
)
```

```csharp
public:
System.bool operator !( _
    YUV item1,
    YUV item2
)
```

## Parameters

- `item1`
- `item2`
Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

YUV Structure
YUV Members

This documentation was created using Document! X from Innovasys
## Kaliko.ImageLibrary.Filters Namespace

### Inheritance Hierarchy

#### Classes

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BrightnessFilter</td>
<td>Simple filter for adjusting brightness in images.</td>
</tr>
<tr>
<td>ChromaKeyFilter</td>
<td></td>
</tr>
<tr>
<td>ContrastFilter</td>
<td></td>
</tr>
<tr>
<td>ConvolveFilter</td>
<td></td>
</tr>
<tr>
<td>DesaturationFilter</td>
<td></td>
</tr>
<tr>
<td>GaussianBlurFilter</td>
<td></td>
</tr>
<tr>
<td>InvertFilter</td>
<td></td>
</tr>
<tr>
<td>Kernel</td>
<td></td>
</tr>
<tr>
<td>PixelUtils</td>
<td></td>
</tr>
<tr>
<td>UnsharpMaskFilter</td>
<td></td>
</tr>
</tbody>
</table>

#### Interfaces

<table>
<thead>
<tr>
<th>Interface</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>IFilter</td>
<td></td>
</tr>
</tbody>
</table>

#### Enumerations

<table>
<thead>
<tr>
<th>Enumeration</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ConvolveFilter.EdgeMode</td>
<td></td>
</tr>
</tbody>
</table>

#### See Also

Reference
Kaliko.ImageLibrary Assembly

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**BrightnessFilter Class**

*Members*  ▶ Collapse All ▶ Language Filter: All

Kaliko.ImageLibrary.Filters Namespace : BrightnessFilter Class

Simple filter for adjusting brightness in images.

**Object Model**

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```vbnet
Public ClassBrightnessFilter
    Implements IFilter
```

'Usage

```vbnet
Dim instance As BrightnessFilter
public class BrightnessFilter : IFilter
public class BrightnessFilter = class(IFilter)
public class BrightnessFilter implements IFilter
public __gc class BrightnessFilter : public IFilter
public ref class BrightnessFilter : public IFilter
```

**Inheritance Hierarchy**

System.Object

Kaliko.ImageLibrary.Filters.BrightnessFilter
Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

BrightnessFilter Members
Kaliko.ImageLibrary.Filters Namespace

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**BrightnessFilter Class Members**

Methods  ▶ Collapse All  ▶ Members Options: Show All

Kaliko.ImageLibrary.Filters Namespace : BrightnessFilter Class

The following tables list the members exposed by BrightnessFilter.

### Public Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="object" alt="BrightnessFilter Constructor" /></td>
<td>BrightnessFilter Constructor</td>
</tr>
</tbody>
</table>

### Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="method" alt="Run" /></td>
<td>Run</td>
</tr>
</tbody>
</table>

### See Also

Reference

BrightnessFilter Class  
Kaliko.ImageLibrary.Filters Namespace

This documentation was created using Document! X from Innovasys
BrightnessFilter Constructor

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Function New(_
   ByVal changeInBrightness As System.Integer _)_
)

'Usage

Dim changeInBrightness As System.Integer

Dim instance As New BrightnessFilter(changeInBrightness)
public BrightnessFilter(
   System.int changeInBrightness
)
public BrightnessFilter(
   changeInBrightness: System.Int
); public function BrightnessFilter(
   changeInBrightness : System.int
);
public: BrightnessFilter(
   System.int changeInBrightness
)
public:

Parameters
changeInBrightness

The amount of change to be applied to the brightness. Entered as either a positive - to make it brighter - or negative - to make it darker - value (zero means no change).

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

BrightnessFilter Class
BrightnessFilter Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**BrightnessFilter Class Methods**

- Collapse All  ▻ Members Options: Show All

Kaliko.ImageLibrary.Filters Namespace : BrightnessFilter Class

For a list of all members of this type, see BrightnessFilter members.

### Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Run</td>
<td>Execute the filter.</td>
</tr>
</tbody>
</table>

### See Also

**Reference**

BrightnessFilter Class  
Kaliko.ImageLibrary.Filters Namespace

This documentation was created using Document! X from Innovasys
Run Method (BrightnessFilter)

Execute the filter.

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'declaration

Public Sub Run(_
    ByVal image As KalikoImage_
)'

'Usage

Dim instance As BrightnessFilter
Dim image As KalikoImage

instance.Run(image)
public void Run(
    KalikoImage image
)

public procedure Run(  
    image: KalikoImage
);

public function Run(  
    image : KalikoImage
);

public: void Run(  
    KalikoImage^ image
);

public:
void Run(  
    KalikoImage^ image
)
Parameters

image

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

BrightnessFilter Class
BrightnessFilter Members

This documentation was created using Document! X from Innovasys
**Kaliko.ImageLibrary**

**ChromaKeyFilter Class**

Members  ▶ Collapse All ▶ Language Filter: All

**Kaliko.ImageLibrary.Filters Namespace**: ChromaKeyFilter Class

**Object Model**

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```csharp
Public Class ChromaKeyFilter
    Implements IFilter
End Class
```

'Usage

```csharp
Dim instance As ChromaKeyFilter
public class ChromaKeyFilter : IFilter
public class ChromaKeyFilter = class(IFilter)
public class ChromaKeyFilter implements IFilter
public __gc class ChromaKeyFilter : public IFilter
public ref class ChromaKeyFilter : public IFilter
```

**Inheritance Hierarchy**

- System.Object
  - Kaliko.ImageLibrary.Filters.ChromaKeyFilter

**Requirements**

**Target Platforms**: Windows 7, Windows Vista SP1 or later, Windows XP
SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

**Reference**

ChromaKeyFilter Members
Kaliko.ImageLibrary.Filters Namespace

This documentation was created using Document! X from Innovasys
The following tables list the members exposed by `ChromaKeyFilter`.

### Public Constructors

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<td>Overloaded.</td>
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</table>

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</tr>
<tr>
<td>ToleranceBrightness</td>
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<td>ToleranceHue</td>
<td></td>
</tr>
<tr>
<td>ToleranceSaturation</td>
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</table>

### Public Methods

<table>
<thead>
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<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
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</tbody>
</table>

### See Also

Reference
ChromaKeyFilter Class
Kaliko.ImageLibrary.Filters Namespace

This documentation was created using Document! X from Innovasys
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<td>ChromaKeyFilter Constructor(Color,Single,Single,Single)</td>
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</tbody>
</table>

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

Reference

ChromaKeyFilter Class
ChromaKeyFilter Members

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Kaliko.ImageLibrary

**ChromaKeyFilter Constructor()**

Collapse All  Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > ChromaKeyFilter Class > ChromaKeyFilter Constructor :
ChromaKeyFilter Constructor()

## Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

**Public Function New()**

'Usage

```vbscript
Dim instance As New ChromaKeyFilter()
```

```csharp
public ChromaKeyFilter()
```

```delphi
public ChromaKeyFilter();
```

```javascript
function ChromaKeyFilter();
```

```cpp
public: ChromaKeyFilter();
```

```c++/cli
public:
ChromaKeyFilter();
```

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

Reference

ChromaKeyFilter Class
ChromaKeyFilter Members
Overload List

This documentation was created using Document! X from Innovasys
## Syntax

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

### Declaration

```vbnet
Public Function New( _
    ByVal keyColor As System.Drawing.Color _
) As ChromaKeyFilter
End Function
```

### Usage

```vbnet
Dim keyColor As System.Drawing.Color

Dim instance As New ChromaKeyFilter(keyColor)
```

```csharp
public ChromaKeyFilter(System.Drawing.Color keyColor)
```

```csharp
public ChromaKeyFilter(System.Drawing.Color keyColor);
```

```csharp
public function ChromaKeyFilter( keyColor : System.Drawing.Color )
```

```csharp
public ChromaKeyFilter(System.Drawing.Color keyColor)
```

```csharp
public: ChromaKeyFilter(System.Drawing.Color keyColor)
```

### Parameters
keyColor

# Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

# See Also

Reference

- ChromaKeyFilter Class
- ChromaKeyFilter Members
- Overload List

This documentation was created using Document! X from Innovasys
ChromaKeyFilter
Constructor(Color,Single,Single,Single)

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Function New( _
    ByVal keyColor As System.Drawing.Color, _
    ByVal toleranceHue As System.Single, _
    ByVal toleranceSaturation As System.Single, _
    ByVal toleranceBrightness As System.Single _
) _

'Usage

Dim keyColor As System.Drawing.Color
Dim toleranceHue As System.Single
Dim toleranceSaturation As System.Single
Dim toleranceBrightness As System.Single

Dim instance As New ChromaKeyFilter(keyColor, toleranceHue, tole
public function ChromaKeyFilter(
    keyColor : System.Drawing.Color,
    toleranceHue : System.float,
    toleranceSaturation : System.float,
    toleranceBrightness : System.float
);

public: ChromaKeyFilter(
    System.Drawing.Color keyColor,
    System.float toleranceHue,
    System.float toleranceSaturation,
    System.float toleranceBrightness
)

Parameters

keyColor
toleranceHue
toleranceSaturation
toleranceBrightness

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ChromaKeyFilter Class
ChromaKeyFilter Members
Overload List
This documentation was created using Document! X from Innovasys
ChromaKeyFilter Class Methods

For a list of all members of this type, see ChromaKeyFilter members.

Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>≣ApplyChromaKey</td>
<td></td>
</tr>
<tr>
<td>≣Run</td>
<td></td>
</tr>
</tbody>
</table>

See Also

Reference

ChromaKeyFilter Class
Kaliko.ImageLibrary.Filters Namespace

This documentation was created using Document! X from Innovasys
ApplyChromaKey Method

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Sub ApplyChromaKey(_
    ByVal image As KalikoImage _
)

'Usage

Dim instance As ChromaKeyFilter
Dim image As KalikoImage

instance.ApplyChromaKey(image)

public void ApplyChromaKey(
    KalikoImage image
)

public procedure ApplyChromaKey(
    image: KalikoImage
);

public function ApplyChromaKey(
    image: KalikoImage
);

public: void ApplyChromaKey(
    KalikoImage* image
)

Parameters
Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ChromaKeyFilter Class
ChromaKeyFilter Members

This documentation was created using Document! X from Innovasys
Run Method (ChromaKeyFilter)

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Sub Run(_
   ByVal image As KalikoImage _
)
'Usage

Dim instance As ChromaKeyFilter
Dim image As KalikoImage

instance.Run(image)
public void Run(
   KalikoImage image
)
public procedure Run(
   image: KalikoImage
);
public function Run(
   image : KalikoImage
);
public: void Run(
   KalikoImage* image
)
public:
void Run(
   KalikoImage^ image
)

Parameters
Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ChromaKeyFilter Class
ChromaKeyFilter Members

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Kaliko.ImageLibrary

**ChromaKeyFilter Class Properties**

- Collapse All   -  Members Options: Show All

**Kaliko.ImageLibrary.Filters Namespace**: ChromaKeyFilter Class

For a list of all members of this type, see [ChromaKeyFilter members](#).

### Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>KeyColor</td>
<td></td>
</tr>
<tr>
<td>ToleranceBrightness</td>
<td></td>
</tr>
<tr>
<td>ToleranceHue</td>
<td></td>
</tr>
<tr>
<td>ToleranceSaturation</td>
<td></td>
</tr>
</tbody>
</table>

**See Also**

**Reference**

ChromaKeyFilter Class
Kaliko.ImageLibrary.Filters Namespace

This documentation was created using Document! X from Innovasys
KeyColor Property

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Property KeyColor As System.Drawing.Color

'Usage

Dim instance As ChromaKeyFilter
Dim value As System.Drawing.Color

instance.KeyColor = value

value = instance.KeyColor

public System.Drawing.Color KeyColor {get; set;}
public read-write property KeyColor: System.Drawing.Color;
public function get, set KeyColor : System.Drawing.Color
public: __property System.Drawing.Color get_KeyColor();
public: __property void set_KeyColor(
    System.Drawing.Color value
);

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server
2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ChromaKeyFilter Class
ChromaKeyFilter Members

This documentation was created using Document! X from Innovasys
**ToleranceBrightness Property**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

### Declaration

```vbnet
Public Property ToleranceBrightness As System.Single
```

### Usage

```vbnet
Dim instance As ChromaKeyFilter
Dim value As System.Single

instance.ToleranceBrightness = value
```

```csharp
public System.float ToleranceBrightness {get; set;}
```

```delphi
public read-write property ToleranceBrightness: System.Single;
```

```javascript
public function get, set ToleranceBrightness : System.float
```

```cpp
public: __property System.float get_ToleranceBrightness();
```

```cli
public: __property void set_ToleranceBrightness(System.float value)
```

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server
2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ChromaKeyFilter Class
ChromaKeyFilter Members

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Kaliko.ImageLibrary

ToleranceHue Property

Collapse All  Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > ChromaKeyFilter Class : ToleranceHue Property

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Property ToleranceHue As System.Single

'Usage

Dim instance As ChromaKeyFilter
Dim value As System.Single

instance.ToleranceHue = value

value = instance.ToleranceHue

public System.float ToleranceHue {get; set;}
public read-write property ToleranceHue: System.Single;
public function get,set ToleranceHue : System.float
public: __property System.float get_ToleranceHue();
public: __property void set_ToleranceHue(
    System.float value
);

property:
    public System.float ToleranceHue {
        System.float get();
        void set ( System.float value);
    }

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server
2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ChromaKeyFilter Class
ChromaKeyFilter Members

This documentation was created using Document! X from Innovasys
ToleranceSaturation Property

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Property ToleranceSaturation As System.Single

'Usage

Dim instance As ChromaKeyFilter
Dim value As System.Single

value = instance.ToleranceSaturation

public System.single ToleranceSaturation {get; set;}
public read-write property ToleranceSaturation: System.Single;
public function get,set ToleranceSaturation : System.float
public: __property System.single get_ToleranceSaturation();
public: __property void set_ToleranceSaturation(
    System.float value
);

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server
2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ChromaKeyFilter Class
ChromaKeyFilter Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**ContrastFilter Class**

Members ▶ Collapse All ▶ Language Filter: All

Kaliko.ImageLibrary.Filters Namespace : ContrastFilter Class

### Object Model

- **ContrastFilter**

### Syntax

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

```vbnet
Public Class ContrastFilter Implements IFilter
End Class
```

```csharp
public class ContrastFilter : IFilter
```

```delphi
public class ContrastFilter = class(IFilter)
```

```jscript
public class ContrastFilter implements IFilter
```

```cpp
public __gc class ContrastFilter : public IFilter
```

```c++
public ref class ContrastFilter : public IFilter
```

### Inheritance Hierarchy

System.Object
  - Kaliko.ImageLibrary.Filters.ContrastFilter

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP
SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ContrastFilter Members
Kaliko.ImageLibrary.Filters Namespace

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**ContrastFilter Class Members**

**Methods**  
› Collapse All  
› Members Options: Show All

**Kaliko.ImageLibrary.Filters Namespace : ContrastFilter Class**

The following tables list the members exposed by ContrastFilter.

### Public Constructors

<table>
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<tr>
<th>Name</th>
<th>Description</th>
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<tr>
<td>ContrastFilter Constructor</td>
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### Public Methods

<table>
<thead>
<tr>
<th>Name</th>
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<tr>
<td>Run</td>
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</table>

### See Also

**Reference**

- ContrastFilter Class
- Kaliko.ImageLibrary.Filters Namespace

This documentation was created using Document! X from Innovasys
**Projects**

Kaliko.ImageLibrary

**Class Name**

ContrastFilter

### Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

**Declaration**

```vbnet
Public Function New( _
    ByVal changeInContrast As System.Integer _
)"
```

**Usage**

```vbnet
Dim changeInContrast As System.Integer

Dim instance As New ContrastFilter(changeInContrast)
```

```csharp
public ContrastFilter(
    System.int changeInContrast
)
```

```delphi
public ContrastFilter(  
    changeInContrast: System.Integer
);
```

```jscript
public function ContrastFilter(  
    changeInContrast : System.int
);
```

```cpp
public: ContrastFilter(  
    System.int changeInContrast
)
```

**Parameters**

- changeInContrast: The change in contrast of the filter.

---

Note: The provided syntax includes typical usage examples for each language.
changeInContrast

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ContrastFilter Class
ContrastFilter Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**ContrastFilter Class Methods**

For a list of all members of this type, see *ContrastFilter members*.

### Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Run</td>
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</tbody>
</table>

### See Also

Reference

*ContrastFilter Class*
*Kaliko.ImageLibrary.Filters Namespace*

This documentation was created using *Document! X* from Innovasys
**Run Method (ContrastFilter)**

- Collapse All  
- Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > ContrastFilter Class : Run Method

## Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

### 'Declaration

```vbnet
Public Sub Run( _
    ByVal image As KalikoImage _
)
```

### 'Usage

```vbnet
Dim instance As ContrastFilter
Dim image As KalikoImage

instance.Run(image)
```

```csharp
public void Run(_
    KalikoImage image _
)
```

```delphi
public procedure Run(_
    image: KalikoImage
);
```

```js
public function Run(_
    image : KalikoImage
);
```

```cpp
public void Run(_
    KalikoImage* image
)
```

```cli
public:
void Run(_
    KalikoImage^ image
)
```

## Parameters
Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ContrastFilter Class
ContrastFilter Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**ConvolveFilter Class**

Members  ➤ Collapse All  ➤ Language Filter: All

Kaliko.ImageLibrary.Filters Namespace: ConvolveFilter Class

### Object Model

![ConvolveFilter](image)

### Syntax

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

'**Declaration**

```csharp
public class ConvolveFilter : IFilter
```

'**Usage**

```csharp
Dim instance As ConvolveFilter
public class ConvolveFilter : IFilter
public class ConvolveFilter = class(IFilter)
public class ConvolveFilter implements IFilter
public __gc class ConvolveFilter : public IFilter
public ref class ConvolveFilter : public IFilter
```

### Inheritance Hierarchy

System.Object

Kaliko.ImageLibrary.Filters.ConvolveFilter

Kaliko.ImageLibrary.Filters.GaussianBlurFilter

### Requirements
**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ConvolveFilter Members
Kaliko.ImageLibrary.Filters Namespace
Kaliko.ImageLibrary

**ConvolveFilter Class Members**

Properties  Methods  ▸ Collapse All  ▸ Members Options: Show All

Kaliko.ImageLibrary.Filters Namespace : ConvolveFilter Class

The following tables list the members exposed by ConvolveFilter.

### Public Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="images/convolve_constructor.png" alt="ConvolveFilter Constructor" /></td>
<td>Overloaded.</td>
</tr>
</tbody>
</table>

### Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="images/convolve_kernel.png" alt="Kernel" /></td>
<td></td>
</tr>
<tr>
<td><img src="images/convolve_premultiply_alpha.png" alt="PremultiplyAlpha" /></td>
<td></td>
</tr>
<tr>
<td><img src="images/convolve_use_alpha.png" alt="UseAlpha" /></td>
<td></td>
</tr>
</tbody>
</table>

### Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="images/convolve.png" alt="Convolve" /></td>
<td>Overloaded. Convolve a block of pixels.</td>
</tr>
<tr>
<td><img src="images/convolve_h.png" alt="ConvolveH" /></td>
<td>Convolve with a kernel consisting of one row.</td>
</tr>
<tr>
<td><img src="images/convolve_hv.png" alt="ConvolveHV" /></td>
<td>Convolve with a 2D kernel.</td>
</tr>
<tr>
<td><img src="images/convolve_v.png" alt="ConvolveV" /></td>
<td>Convolve with a kernel consisting of one column.</td>
</tr>
<tr>
<td><img src="images/convolve_run.png" alt="Run" /></td>
<td></td>
</tr>
</tbody>
</table>

### See Also
Reference

ConvolveFilter Class
Kaliko.ImageLibrary.Filters Namespace

This documentation was created using Document! X from Innovasys
ConvolveFilter Constructor

Overload List

<table>
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<tr>
<th>Overload</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>ConvolveFilter Constructor()</td>
<td>Construct a filter with a null kernel. This is only useful if you're going to change the kernel later on.</td>
</tr>
<tr>
<td>ConvolveFilter Constructor(Single[])</td>
<td>Construct a filter with the given 3x3 kernel.</td>
</tr>
<tr>
<td>ConvolveFilter Constructor(Int32,Int32,Single[])</td>
<td>Construct a filter with the given kernel.</td>
</tr>
<tr>
<td>ConvolveFilter Constructor(Kernel)</td>
<td>Construct a filter with the given 3x3 kernel.</td>
</tr>
</tbody>
</table>

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

- ConvolveFilter Class
- ConvolveFilter Members

This documentation was created using Document! X from Inovasys
ConvolveFilter Constructor()

Construct a filter with a null kernel. This is only useful if you're going to change the kernel later on.

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Function New()

'Usage

Dim instance As New ConvolveFilter()
public ConvolveFilter()
public ConvolveFilter();
public function ConvolveFilter();
public: ConvolveFilter();
public:
ConvolveFilter();

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also
Kaliko.ImageLibrary

**ConvolveFilter Constructor(Single[])**

Construct a filter with the given 3x3 kernel.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

```vbnet
Public Function New(  
    ByVal matrix() As System.Single  
)  
End Function
```

```csharp
public ConvolveFilter(  
    System.Single[] matrix  
)
```

```delphi
public ConvolveFilter(  
    matrix: System.Singlearray of  
);
```

```javascript
public ConvolveFilter(  
    matrix : System.float[]  
);
```

```cpp
public function ConvolveFilter(  
    matrix : System.float[]  
);
```

```csharp
public: ConvolveFilter(  
    System.array<float>[] matrix  
)
```

```delphi
public: ConvolveFilter(  
    System.array<float>^ matrix  
)
```
Parameters

*matrix*

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

Reference

ConvolveFilter Class
ConvolveFilter Members
Overload List

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

ConvolveFilter

Constructor(Int32, Int32, Single[])

Construct a filter with the given kernel.

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Function New( _
    ByVal rows As System.Integer, _
    ByVal cols As System.Integer, _
    ByVal matrix() As System.Single _
) }

'Usage

Dim rows As System.Integer
Dim cols As System.Integer
Dim matrix() As System.Single

Dim instance As New ConvolveFilter(rows, cols, matrix)
public ConvolveFilter(
    System.int rows,
    System.int cols,
    System.float[] matrix
)

public ConvolveFilter(
    rows: System.Integer;
    cols: System.Integer;
    matrix: System.Singlearray of
public function ConvolveFilter(
    rows : System.int,
    cols : System.int,
    matrix : System.float[]
);

public: ConvolveFilter(
    System.int rows,
    System.int cols,
    System.float[]* matrix
)

public:
ConvolveFilter(
    System.int rows,
    System.int cols,
    System.array<float>^ matrix
)

**Parameters**

*rows*

The number of rows in the kernel.

*cols*

The number of columns in the kernel.

*matrix*

An array of rows*cols floats containing the kernel.

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

**Reference**

ConvolveFilter Class
ConvolveFilter Members
Overload List
This documentation was created using Document! X from Innovasys
ConvolveFilter Constructor( Kernel )

Construct a filter with the given 3x3 kernel.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```vbnet
Public Function New(ByVal kernel As Kernel)
```

'Usage

```vbnet
Dim kernel As Kernel

Dim instance As New ConvolveFilter( kernel )
```

```csharp
public ConvolveFilter( Kernel kernel )
```

```c#
public ConvolveFilter( Kernel kernel );
```

```delphi
public function ConvolveFilter( kernel : Kernel );
```

```jscript
public ConvolveFilter( Kernel kernel )
```

```cpp
public: ConvolveFilter( Kernel* kernel )
```

```cpp
public: ConvolveFilter( Kernel^ kernel )
```
Parameters

```
kernel
```

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ConvolveFilter Class
ConvolveFilter Members
Overload List

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**ConvolveFilter Class Methods**

› Collapse All  › Members Options: Show All

**Kaliko.ImageLibrary.Filters Namespace : ConvolveFilter Class**

For a list of all members of this type, see *ConvolveFilter members*.

### Public Methods

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**See Also**

**Reference**

ConvolveFilter Class
Kaliko.ImageLibrary.Filters Namespace

This documentation was created using *Document! X* from Innovasys
Convolve a block of pixels.

## Overload List

<table>
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<td>Convolve(Kernel,Int32[],Int32[],Int32,Int32,EdgeMode)</td>
<td>Convolve a block of pixels.</td>
</tr>
<tr>
<td>Convolve(Kernel,Int32[],Int32[],Int32,Int32,Boolean,EdgeMode)</td>
<td>Convolve a block of pixels</td>
</tr>
</tbody>
</table>

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

Reference

ConvolveFilter Class
ConvolveFilter Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**Convolve(Kernel,Int32[],Int32[],Int32,Int32,EdgeMode)**

Method

Convolve a block of pixels.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'**Declaration**

Public Overloads Shared Sub Convolve( _
    ByVal kernel As Kernel, _
    ByVal inPixels() As System.Integer, _
    ByVal outPixels() As System.Integer, _
    ByVal width As System.Integer, _
    ByVal height As System.Integer, _
    ByVal edgeAction As ConvolveFilter.EdgeMode _
)

'**Usage**

Dim kernel As Kernel
Dim inPixels() As System.Integer
Dim outPixels() As System.Integer
Dim width As System.Integer
Dim height As System.Integer
Dim edgeAction As ConvolveFilter.EdgeMode

ConvolveFilter.Convolve(kernel, inPixels, outPixels, width, height, public static void Convolve(
    Kernel kernel,
    System.int[] inPixels,
public procedure Convolve(
    kernel: Kernel;
    inPixels: System.Integerarray of;
    outPixels: System.Integerarray of;
    width: System.Integer;
    height: System.Integer;
    edgeAction: ConvolveFilter.EdgeMode)
)

static
public static function Convolve(
    kernel : Kernel,
    inPixels : System.int[],
    outPixels : System.int[],
    width : System.int,
    height : System.int,
    edgeAction : ConvolveFilter.EdgeMode)
);

public: static void Convolve(
    Kernel* kernel,
    System.int[*] inPixels,
    System.int[*] outPixels,
    System.int width,
    System.int height,
    ConvolveFilter.EdgeMode edgeAction
)
)

public:
static void Convolve(
    Kernel^ kernel,
    System.array<int>^ inPixels,
    System.array<int>^ outPixels,
    System.int width,
    System.int height,
    ConvolveFilter.EdgeMode edgeAction
)
)

Parameters

kernel
inPixels
outPixels
width
height
edgeAction
Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ConvolveFilter Class
ConvolveFilter Members
Overload List

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**Convolve**(*Kernel*, *Int32[]*, *Int32[]*, *Int32*, *Int32*, *Boolean*, *EdgeMode*)

**Method**

- Collapse All
- Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > ConvolveFilter Class > Convolve Method:
Convolve(*Kernel*, *Int32[]*, *Int32[]*, *Int32*, *Int32*, *Boolean*, *EdgeMode*) Method

Convolve a block of pixels

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```plaintext
Public Overloads Shared Sub Convolve( _
    ByVal kernel As Kernel, _
    ByVal inPixels() As System.Integer, _
    ByVal outPixels() As System.Integer, _
    ByVal width As System.Integer, _
    ByVal height As System.Integer, _
    ByVal alpha As System.Boolean, _
    ByVal edgeAction As ConvolveFilter.EdgeMode _
)
```

'Usage

```plaintext
Dim kernel As Kernel
Dim inPixels() As System.Integer
Dim outPixels() As System.Integer
Dim width As System.Integer
Dim height As System.Integer
Dim alpha As System.Boolean
Dim edgeAction As ConvolveFilter.EdgeMode

ConvolveFilter.Convolve(kernel, inPixels, outPixels, width, height
```
public procedure Conolve(
    kernel: Kernel;
    inPixels: System.Integerarray of;
    outPixels: System.Integerarray of;
    width: System.Integer;
    height: System.Integer;
    alpha: System.Boolean;
    edgeAction: ConvolveFilter.EdgeMode
);

public static function Conolve(
    kernel : Kernel,
    inPixels : System.int[][],
    outPixels : System.int[][],
    width : System.int,
    height : System.int,
    alpha : System.boolean,
    edgeAction : ConvolveFilter.EdgeMode
);

public: static void Conolve(
    Kernel* kernel,
    System.int[]* inPixels,
    System.int[]* outPixels,
    System.int width,
    System.int height,
    System.bool alpha,
    ConvolveFilter.EdgeMode edgeAction
)

public:
static void Conolve(
    Kernel^ kernel,
    System.array<int>^ inPixels,
    System.array<int>^ outPixels,
    System.int width,
    System.int height,
    System.bool alpha,
    ConvolveFilter.EdgeMode edgeAction
)

Parameters
kernel
inPixels
outPixels
width
height
alpha
edgeAction

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ConvolvFilter Class
ConvolvFilter Members
Overload List

This documentation was created using Document! X from Innovasys
Convolve with a kernel consisting of one row.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

```vbnet
Public Shared Sub ConvolveH( _
    ByVal kernel As Kernel, _
    ByVal inPixels() As System.Integer, _
    ByVal outPixels() As System.Integer, _
    ByVal width As System.Integer, _
    ByVal height As System.Integer, _
    ByVal alpha As System.Boolean, _
    ByVal edgeAction As ConvolveFilter.EdgeMode _
)___
```

```csharp
public static void ConvolveH(
    Kernel kernel,
    System.int[] inPixels,
    System.int[] outPixels,
    System.int width,
)___
```
public procedure ConvolveH(
    kernel: Kernel;
    inPixels: System.Integerarray of;
    outPixels: System.Integerarray of;
    width: System.Integer;
    height: System.Integer;
    alpha: System.Boolean;
    edgeAction: ConvolvFilter.EdgeMode
)
static;
public static function ConvolveH(
    kernel : Kernel,
    inPixels : System.int[],
    outPixels : System.int[],
    width : System.int,
    height : System.int,
    alpha : System.boolean,
    edgeAction : ConvolvFilter.EdgeMode
);
public: static void ConvolveH(
    Kernel* kernel,
    System.int[*] inPixels,
    System.int[*] outPixels,
    System.int width,
    System.int height,
    System.bool alpha,
    ConvolvFilter.EdgeMode edgeAction
)
public:
static void ConvolveH(
    Kernel^ kernel,
    System.array<int>^ inPixels,
    System.array<int>^ outPixels,
    System.int width,
    System.int height,
    System.bool alpha,
    ConvolvFilter.EdgeMode edgeAction
)

Parameters

kernel
inPixels
outPixels
This document was created using Document! X from Innovasys
Convolve with a 2D kernel.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

**'Declaration**

```vbnet
Public Shared Sub ConvolveHV(_
    ByVal kernel As Kernel, _
    ByVal inPixels() As System.Integer, _
    ByVal outPixels() As System.Integer, _
    ByVal width As System.Integer, _
    ByVal height As System.Integer, _
    ByVal alpha As System.Boolean, _
    ByVal edgeAction As ConvolveFilter.EdgeMode _
)
```

**'Usage**

```vbnet
Dim kernel As Kernel
Dim inPixels() As System.Integer
Dim outPixels() As System.Integer
Dim width As System.Integer
Dim height As System.Integer
Dim alpha As System.Boolean
Dim edgeAction As ConvolveFilter.EdgeMode

ConvolveFilter.ConvolveHV(kernel, inPixels, outPixels, width, height)
```

```csharp
public static void ConvolveHV(
    Kernel kernel, 
    System.int[] inPixels, 
    System.int[] outPixels, 
    System.int width, 
```
public procedure ConvolveHV(
    kernel: Kernel;
    inPixels: System.Integerarray of;
    outPixels: System.Integerarray of;
    width: System.Integer;
    height: System.Integer;
    alpha: System.Boolean;
    edgeAction: ConvolveFilter.EdgeMode
)

public static function ConvolveHV(
    kernel : Kernel,
    inPixels : System.int[],
    outPixels : System.int[],
    width : System.int,
    height : System.int,
    alpha : System.boolean,
    edgeAction : ConvolveFilter.EdgeMode
);

public: static void ConvolveHV(
    Kernel* kernel,
    System.int[]* inPixels,
    System.int[]* outPixels,
    System.int width,
    System.int height,
    System.bool alpha,
    ConvolveFilter.EdgeMode edgeAction
)

public:
static void ConvolveHV(
    Kernel^ kernel,
    System.array<int>^ inPixels,
    System.array<int>^ outPixels,
    System.int width,
    System.int height,
    System.bool alpha,
    ConvolveFilter.EdgeMode edgeAction
)

**Parameters**

*kernel*

*inPixels*

*outPixels*
**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

**Reference**

ConvolveFilter Class
ConvolveFilter Members

This documentation was created using Document! X from Innovasys
Convolve with a kernel consisting of one column.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'**Declaration**

```vbnet
Public Shared Sub ConvolveV(_
    ByVal kernel As Kernel, _
    ByVal inPixels() As System.Integer, _
    ByVal outPixels() As System.Integer, _
    ByVal width As System.Integer, _
    ByVal height As System.Integer, _
    ByVal alpha As System.Boolean, _
    ByVal edgeAction As ConvolveFilter.EdgeMode _
)
```

'**Usage**

```vbnet
Dim kernel As Kernel
Dim inPixels() As System.Integer
Dim outPixels() As System.Integer
Dim width As System.Integer
Dim height As System.Integer
Dim alpha As System.Boolean
Dim edgeAction As ConvolveFilter.EdgeMode

ConvolveFilter.ConvolveV(kernel, inPixels, outPixels, width, height)
```

```csharp
public static void ConvolveV(
    Kernel kernel,
    System.Int[] inPixels,
    System.Int[] outPixels,
    System.Int width,
```
System.\textit{int} \textit{height},
System.\textit{bool} \textit{alpha},
ConvolveFilter.\textit{EdgeMode} \textit{edgeAction}
}

\textbf{public} procedure \textbf{ConvolveV}(
    \textit{kernel}: \textit{Kernel};
    \textit{inPixels}: System.\textit{Integerarray} of;
    \textit{outPixels}: System.\textit{Integerarray} of;
    \textit{width}: System.\textit{Integer};
    \textit{height}: System.\textit{Integer};
    \textit{alpha}: System.\textit{Boolean};
    \textit{edgeAction}: ConvolveFilter.\textit{EdgeMode}
);
\textbf{static;}
public \textbf{static function} \textbf{ConvolveV}(
    \textit{kernel} : \textit{Kernel},
    \textit{inPixels} : System.\textit{int}[],
    \textit{outPixels} : System.\textit{int}[],
    \textit{width} : System.\textit{int},
    \textit{height} : System.\textit{int},
    \textit{alpha} : System.\textit{boolean},
    \textit{edgeAction} : ConvolveFilter.\textit{EdgeMode}
);

\textbf{public: static void} \textbf{ConvolveV}(
    Kernel* \textit{kernel},
    System.\textit{int}[*] \textit{inPixels},
    System.\textit{int}[*] \textit{outPixels},
    System.\textit{int} \textit{width},
    System.\textit{int} \textit{height},
    System.\textit{bool} \textit{alpha},
    ConvolveFilter.\textit{EdgeMode} \textit{edgeAction}
)

\textbf{public:}
\textbf{static void} \textbf{ConvolveV}(
    Kernel^ \textit{kernel},
    System.array<int>^ \textit{inPixels},
    System.array<int>^ \textit{outPixels},
    System.\textit{int} \textit{width},
    System.\textit{int} \textit{height},
    System.\textit{bool} \textit{alpha},
    ConvolveFilter.\textit{EdgeMode} \textit{edgeAction}
)

\textbf{Parameters}

\textit{kernel}
\textit{inPixels}
\textit{outPixels}
Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ConvolveFilter Class
ConvolveFilter Members

This documentation was created using Document! X from Innovasys
Run Method (ConvolveFilter)

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```vbnet
Public Overridable Sub Run( _
    ByVal image As KalikoImage _
)
```

'Usage

```vbnet
Dim instance As ConvolveFilter
Dim image As KalikoImage

instance.Run(image)
```

```csharp
public virtual void Run(
    KalikoImage image
)
```

```delphi
public procedure Run(
    image: KalikoImage
); virtual;
```

```jscript
public function Run(
    image : KalikoImage
);
```

```cpp
public: virtual void Run(
    KalikoImage* image
)
```

```c++
public:
virtual void Run(
    KalikoImage^ image
)
```

**Parameters**
## Exceptions

<table>
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<tr>
<th>Exception</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>System.NotImplementedException</code></td>
<td>The exception that is thrown when a requested method or operation is not implemented.</td>
</tr>
</tbody>
</table>

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

**Reference**

ConvolveFilter Class  
ConvolveFilter Members

This documentation was created using Document! X from Innovasys
For a list of all members of this type, see ConvolveFilter members.

### Public Properties

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<th>Name</th>
<th>Description</th>
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</thead>
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<td></td>
</tr>
<tr>
<td><img src="Image" alt=" " /> PremultiplyAlpha</td>
<td></td>
</tr>
<tr>
<td><img src="Image" alt=" " /> UseAlpha</td>
<td></td>
</tr>
</tbody>
</table>

**See Also**

**Reference**

ConvolveFilter Class  
Kaliko.ImageLibrary.Filters Namespace

This documentation was created using Document! X from Innovasys
Kernel Property

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Property Kernel As Kernel

'Usage

Dim instance As ConvolveFilter
Dim value As Kernel

instance.Kernel = value

value = instance.Kernel

public Kernel Kernel {get; set;}
public read-write property Kernel: Kernel;
public function get, set Kernel : Kernel
public: __property Kernel* get_Kernel();
public: __property void set_Kernel(
    Kernel* value
);

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server
2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ConvolveFilter Class
ConvolveFilter Members

This documentation was created using Document! X from Innovasys
PremultiplyAlpha Property

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Property PremultiplyAlpha As System.Boolean

'Usage

Dim instance As ConvolveFilter
Dim value As System.Boolean

instance.PremultiplyAlpha = value

public System.bool PremultiplyAlpha {get; set;}
public read-write property PremultiplyAlpha: System.Boolean;
public function get,set PremultiplyAlpha : System.boolean
public: __property System.bool get_PremultiplyAlpha();
public: __property void set_PremultiplyAlpha(
    System.bool value
);

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server
2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ConvolveFilter Class
ConvolveFilter Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

UseAlpha Property

Collapse All  Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > ConvolveFilter Class : UseAlpha Property

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Property UseAlpha As System.Boolean

'Usage

Dim instance As ConvolveFilter
Dim value As System.Boolean

instance.UseAlpha = value

public System.bool UseAlpha {get; set;}
public read-write property UseAlpha: System.Boolean;
public function get,set UseAlpha : System.boolean
public: __property System.bool get_UseAlpha();
public: __property void set_UseAlpha(
    System.bool value
);
public:
property System.bool UseAlpha {
    System.bool get();
    void set ( System.bool value);
}

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server
2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ConvolveFilter Class
ConvolveFilter Members

This documentation was created using Document! X from Innovasys
DesaturationFilter Class

Namespace: Kaliko.ImageLibrary.Filters

Object Model

Members

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Statement

Public Class DesaturationFilter
  Implements IFilter

Usage

Dim instance As DesaturationFilter
public class DesaturationFilter : IFilter
public class DesaturationFilter = class(IFilter)
public class DesaturationFilter implements IFilter
public __gc class DesaturationFilter : public IFilter
public ref class DesaturationFilter : public IFilter

Inheritance Hierarchy

System.Object
  Kaliko.ImageLibrary.Filters.DesaturationFilter

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP
SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

**Reference**

DesaturationFilter Members
Kaliko.ImageLibrary.Filters Namespace

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**DesaturationFilter Class Members**

**Methods**  ▶Collapse All  ▶Members Options: Show All

Kaliko.ImageLibrary.Filters Namespace : DesaturationFilter Class

The following tables list the members exposed by `DesaturationFilter`.

### Public Constructors

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<th>Description</th>
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<td><code>DesaturationFilter Constructor</code></td>
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### Public Methods

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<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>Run</code></td>
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</tr>
</tbody>
</table>

### See Also

**Reference**

DesaturationFilter Class
Kaliko.ImageLibrary.Filters Namespace

This documentation was created using Document! X from Innovasys
DesaturationFilter Constructor

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Function New()
'Usage

Dim instance As New DesaturationFilter()
public DesaturationFilter()
public DesaturationFilter();
public function DesaturationFilter();
public: DesaturationFilter();
public:
DesaturationFilter();

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

DesaturationFilter Class
DesaturationFilter Members
This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

DesaturationFilter Class Methods

› Collapse All › Members Options: Show All

Kaliko.ImageLibrary.Filters Namespace : DesaturationFilter Class

For a list of all members of this type, see DesaturationFilter members.

▲ Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
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Top

▲ See Also

Reference

DesaturationFilter Class
Kaliko.ImageLibrary.Filters Namespace

This documentation was created using Document! X from Innovasys
Run Method (DesaturationFilter)

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Sub Run(_
   ByVal image As KalikoImage _
)
'Usage

Dim instance As DesaturationFilter
Dim image As KalikoImage

instance.Run(image)
public void Run(
   KalikoImage image
)
public procedure Run(
   image: KalikoImage
);
public function Run(
   image : KalikoImage
);
public: void Run(
   KalikoImage* image
)
public:
void Run(
   KalikoImage^ image
)

Parameters
Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

DesaturationFilter Class
DesaturationFilter Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**GaussianBlurFilter Class**

Members  
- Collapse All  
- Language Filter: All

Kaliko.ImageLibrary.Filters Namespace : GaussianBlurFilter Class

### Object Model

- GaussianBlurFilter

### Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

### Declaration

**Public Class** GaussianBlurFilter  
Inherits ConvolveFilter  
Implements IFilter

### Usage

**Dim** instance **As** GaussianBlurFilter  
**public class** GaussianBlurFilter : ConvolveFilter, IFilter  
**public class** GaussianBlurFilter = class(ConvolveFilter, IFilter)  
**public class** GaussianBlurFilter extends ConvolveFilter implements ConvolveFilter implements IFilter  
**public ref class** GaussianBlurFilter : **public ConvolveFilter, IFilter**

### Inheritance Hierarchy

- System.Object  
  Kaliko.ImageLibrary.Filters.ConvolveFilter  
  Kaliko.ImageLibrary.Filters.GaussianBlurFilter

### Requirements
**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

**Reference**

GaussianBlurFilter Members
Kaliko.ImageLibrary.Filters Namespace

This documentation was created using Document! X from Innovasys
The following tables list the members exposed by `GaussianBlurFilter`.

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</tr>
<tr>
<td><strong>PremultiplyAlpha</strong></td>
<td>(Inherited from <code>Kaliko.ImageLibrary.Filters.ConvolveFilter</code>)</td>
</tr>
<tr>
<td><strong>Radius</strong></td>
<td>The radius of the kernel, and hence the amount of blur. The bigger the radius, the longer this filter will take.</td>
</tr>
<tr>
<td><strong>UseAlpha</strong></td>
<td>(Inherited from <code>Kaliko.ImageLibrary.Filters.ConvolveFilter</code>)</td>
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### Public Methods

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Reference

GaussianBlurFilter Class
Kaliko.ImageLibrary.Filters Namespace

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GaussianBlurFilter Constructor

Collapse All  Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > GaussianBlurFilter Class : GaussianBlurFilter Constructor

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- Requirements

  **Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

- See Also

  Reference

  GaussianBlurFilter Class
  GaussianBlurFilter Members

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Kaliko.ImageLibrary

GaussianBlurFilter Constructor()

Collapse All   Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > GaussianBlurFilter Class > GaussianBlurFilter Constructor : GaussianBlurFilter Constructor()

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Function New()

'Usage

Dim instance As New GaussianBlurFilter()
public GaussianBlurFilter()
public GaussianBlurFilter();
public function GaussianBlurFilter();
public: GaussianBlurFilter();
public:
GaussianBlurFilter();

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

GaussianBlurFilter Class
GaussianBlurFilter Members
Overload List

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GaussianBlurFilter Constructor(Single)

› Collapse All  › Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > GaussianBlurFilter Class > GaussianBlurFilter Constructor: GaussianBlurFilter Constructor(Single)

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Function New( _
    ByVal radius As System.Single _
)'

'Usage

Dim radius As System.Single

Dim instance As New GaussianBlurFilter(radius)
public GaussianBlurFilter(
    System.float radius
)
public GaussianBlurFilter(
    radius: System.Single
);
public function GaussianBlurFilter(
    radius : System.float
);
public: GaussianBlurFilter(
    System.float radius
)

Parameters
radius

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

GaussianBlurFilter Class
GaussianBlurFilter Members
Overload List

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**GaussianBlurFilter Class Methods**

For a list of all members of this type, see [GaussianBlurFilter members](#).

### Public Methods

<table>
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<th>Name</th>
<th>Description</th>
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<tbody>
<tr>
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<td>Blur and transpose a block of ARGB pixels.</td>
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<tr>
<td>CreateKernel</td>
<td>Make a Gaussian blur kernel.</td>
</tr>
<tr>
<td>Run</td>
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### See Also

**Reference**

[GaussianBlurFilter Class](#)

[Kaliko.ImageLibrary.Filters Namespace](#)

*This documentation was created using [Document! X](#) from Innovasys*
ConvolveAndTranspose Method

Blur and transpose a block of ARGB pixels.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```vbnet
Public Shared Sub ConvolveAndTranspose( _
    ByVal kernel As Kernel, _
    ByVal inPixels() As System.Integer, _
    ByVal outPixels() As System.Integer, _
    ByVal width As System.Integer, _
    ByVal height As System.Integer, _
    ByVal alpha As System.Boolean, _
    ByVal premultiply As System.Boolean, _
    ByVal unpremultiply As System.Boolean, _
    ByVal edgeAction As ConvolveFilter.EdgeMode _
)
```

'Usage

```vbnet
Dim kernel As Kernel
Dim inPixels() As System.Integer
Dim outPixels() As System.Integer
Dim width As System.Integer
Dim height As System.Integer
Dim alpha As System.Boolean
Dim premultiply As System.Boolean
Dim unpremultiply As System.Boolean
Dim edgeAction As ConvolveFilter.EdgeMode

GaussianBlurFilter.ConvolveAndTranspose(kernel, inPixels, outPixel
```

```csharp
public static void ConvolveAndTranspose(
```

```delphi
GaussianBlurFilter.ConvolveAndTranspose(kernel, inPixels, outPixel
```

```javascript
GaussianBlurFilter.ConvolveAndTranspose(kernel, inPixels, outPixel
```

```jscript
GaussianBlurFilter.ConvolveAndTranspose(kernel, inPixels, outPixel
```

```managedcpp
GaussianBlurFilter.ConvolveAndTranspose(kernel, inPixels, outPixel
```

```cli
GaussianBlurFilter.ConvolveAndTranspose(kernel, inPixels, outPixel
```
Kernel kernel,
System.int[] inPixels,
System.int[] outPixels,
System.int width,
System.int height,
System.bool alpha,
System.bool premultiply,
System.bool unpremultiply,
ConvolveFilter.EdgeMode edgeAction
)

public procedure ConvolveAndTranspose(
    kernel: Kernel;
    inPixels: System.Integerarray of;
    outPixels: System.Integerarray of;
    width: System.Integer;
    height: System.Integer;
    alpha: System.Boolean;
    premultiply: System.Boolean;
    unpremultiply: System.Boolean;
    edgeAction: ConvolveFilter.EdgeMode
); static;

public static function ConvolveAndTranspose(
    kernel : Kernel,
    inPixels : System.int[],
    outPixels : System.int[],
    width : System.int,
    height : System.int,
    alpha : System.boolean,
    premultiply : System.boolean,
    unpremultiply : System.boolean,
    edgeAction : ConvolveFilter.EdgeMode
);

public: static void ConvolveAndTranspose(
    Kernel* kernel,
    System.int[]* inPixels,
    System.int[]* outPixels,
    System.int width,
    System.int height,
    System.bool alpha,
    System.bool premultiply,
    System.bool unpremultiply,
    ConvolveFilter.EdgeMode edgeAction
)

public:
static void ConvolveAndTranspose(
    Kernel^ kernel,
    System.array<int>^ inPixels,
    System.array<int>^ outPixels,
    System.int width,
    System.int height,
System.bool alpha,
System.bool premultiply,
System.bool unpremultiply,
ConvolveFilter.EdgeMode edgeAction
)

Parameters

kernel
inPixels
outPixels
width
height
alpha
premultiply
unpremultiply
edgeAction

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

GaussianBlurFilter Class
GaussianBlurFilter Members

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CreateKernel Method

› Collapse All  › Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > GaussianBlurFilter Class : CreateKernel Method

Make a Gaussian blur kernel.

**Syntax**

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

'Declaration

```vbnet
Public Shared Function CreateKernel( _
    ByVal radius As System.Single _
) As Kernel
'Usage

Dim radius As System.Single
Dim value As Kernel

value = GaussianBlurFilter.CreateKernel(radius)
```

```csharp
public static Kernel CreateKernel(
    System.float radius
)
```

```delphi
public function CreateKernel(
    radius: System.Single
): Kernel; static;
```

```jscript
public static function CreateKernel(
    radius : System.float
): Kernel;
```

```c++
public: static Kernel* CreateKernel(
    System.float radius
)
```

```c++
public:
static Kernel^ CreateKernel(
    System.float radius
)
```
Parameters

radius
    the blur radius

Return Value

the kernel

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

GaussianBlurFilter Class
GaussianBlurFilter Members

This documentation was created using Document! X from Innovasys
Run Method (GaussianBlurFilter)

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Overrides Sub Run( _
    ByVal image As KalikoImage _
)

'Usage

Dim instance As GaussianBlurFilter
Dim image As KalikoImage

instance.Run(image)
public override void Run(
    KalikoImage image
)

public procedure Run( 
    image: KalikoImage
); override;
public override function Run( 
    image : KalikoImage
);
public: void Run( 
    KalikoImage* image
) override
public:
void Run( 
    KalikoImage^ image
) override

Parameters
**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

**Reference**

GaussianBlurFilter Class
GaussianBlurFilter Members

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**GaussianBlurFilter Class Properties**

- Collapse All  Members Options: Show All

**Kaliko.ImageLibrary.Filters Namespace : GaussianBlurFilter Class**

For a list of all members of this type, see [GaussianBlurFilter members](#).

### Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kernel</td>
<td>(Inherited from Kaliko.ImageLibrary.Filters.ConvolveFilter)</td>
</tr>
<tr>
<td>PremultiplyAlpha</td>
<td>(Inherited from Kaliko.ImageLibrary.Filters.ConvolveFilter)</td>
</tr>
<tr>
<td>Radius</td>
<td>The radius of the kernel, and hence the amount of blur. The bigger the radius, the longer this filter will take.</td>
</tr>
<tr>
<td>UseAlpha</td>
<td>(Inherited from Kaliko.ImageLibrary.Filters.ConvolveFilter)</td>
</tr>
</tbody>
</table>

**See Also**

**Reference**

- [GaussianBlurFilter Class](#)
- [Kaliko.ImageLibrary.Filters Namespace](#)

This documentation was created using Document! X from Innovasys
The radius of the kernel, and hence the amount of blur. The bigger the radius, the longer this filter will take.

**Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Property Radius As System.Single

'Usage

Dim instance As GaussianBlurFilter
Dim value As System.Single

instance.Radius = value

value = instance.Radius

public System.float Radius {get; set;}
public read-write property Radius: System.Single;
public function get,set Radius : System.float
public: __property System.float get_Radius();
public: __property void set_Radius(System.float value)

};

public:
property System.float Radius {
    System.float get();
    void set ( System.float value);
}
Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

GaussianBlurFilter Class
GaussianBlurFilter Members

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## InvertFilter Class

**Members**
- Collapse All
- Language Filter: All

### Object Model

**InvertFilter**

### Syntax

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- Managed Extensions for C++
- **C++/CLI**

'**Declaration**

```vbnet
Public Class InvertFilter
    Implements IFilter
'**Usage**

Dim instance As InvertFilter
public class InvertFilter : IFilter
public class InvertFilter = class(IFilter)
public class InvertFilter implements IFilter
public __gc class InvertFilter : public IFilter
public ref class InvertFilter : public IFilter
```

### Inheritance Hierarchy

System.Object
   Kaliko.ImageLibrary.Filters.InvertFilter

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP
SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

InvertFilter Members
Kaliko.ImageLibrary.Filters Namespace

This documentation was created using Document! X from Innovasys
The following tables list the members exposed by InvertFilter.

## Public Constructors

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<th>Description</th>
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</thead>
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<td>InvertFilter Constructor</td>
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</tbody>
</table>

## Public Methods

<table>
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<tr>
<th>Name</th>
<th>Description</th>
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<tr>
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<td>Run</td>
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## See Also

Reference

InvertFilter Class
Kaliko.ImageLibrary.Filters Namespace

This documentation was created using Document! X from Innovasys
InvertFilter Constructor

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Function New()
'Usage

Dim instance As New InvertFilter()
public InvertFilter()
public InvertFilter();
public function InvertFilter();
public: InvertFilter();
public:
InvertFilter();

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

InvertFilter Class
InvertFilter Members
InvertFilter Class Methods

For a list of all members of this type, see InvertFilter members.

Public Methods

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See Also

InvertFilter Class
Kaliko.ImageLibrary.Filters Namespace

This documentation was created using Document! X from Innovasys
Run Method (InvertFilter)

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Sub Run(_
    ByVal image As KalikoImage _
)

'Usage

Dim instance As InvertFilter
Dim image As KalikoImage

instance.Run(image)

public void Run(
    KalikoImage image
)

public procedure Run(
    image: KalikoImage
);

public function Run(
    image : KalikoImage
);

public: void Run(
    KalikoImage* image
)

public:
void Run(
    KalikoImage^ image
)

Parameters
Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

InvertFilter Class
InvertFilter Members

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Kaliko.ImageLibrary Filters Namespace: Kernel Class

Object Model

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Class Kernel

'Usage

Dim instance As Kernel
public class Kernel
public class Kernel
public class Kernel
public __gc class Kernel
public ref class Kernel

Inheritance Hierarchy

System.Object
Kaliko.ImageLibrary.Filters.Kernel

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server
See Also

Reference

Kernel Members
Kaliko.ImageLibrary.Filters Namespace

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Kaliko.ImageLibrary

Kernel Class Members
Properties  Methods  ▸ Collapse All  ▸ Members Options: Show All

Kaliko.ImageLibrary.Filters Namespace : Kernel Class

The following tables list the members exposed by Kernel.

► Public Constructors

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<th>Description</th>
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<tbody>
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</tr>
<tr>
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<td>Width</td>
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► Public Methods

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<tr>
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<th>Description</th>
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<tbody>
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► See Also

Reference

Kernel Class
Kaliko.ImageLibrary.Filters Namespace
This documentation was created using Document! X from Innovasys
Kernel Constructor

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Function New( _
    ByVal width As System.Integer, _
    ByVal height As System.Integer, _
    ByVal data() As System.Single _
)'

Usage

Dim width As System.Integer
Dim height As System.Integer
Dim data() As System.Single

Dim instance As New Kernel(width, height, data)

public Kernel(
    System.int width,
    System.int height,
    System.float[] data
)

public Kernel(
    width: System.Integer;
    height: System.Integer;
    data: System.Single[]
);

Public function Kernel(
    width : System.int,
    height : System.int,
    data : System.float[]
);

public: Kernel(
System.\texttt{int width},
System.\texttt{int height},
System.\texttt{float[]}^* \texttt{data}
\)

\textbf{public:}
\begin{verbatim}
Kernel(
    System.\texttt{int width},
    System.\texttt{int height},
    System.array<\texttt{float}>^* \texttt{data}
)
\end{verbatim}

\textbf{Parameters}

\textit{width}
\textit{height}
\textit{data}

\section{Requirements}

\textbf{Target Platforms:} Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

\section{See Also}

\textbf{Reference}

Kernel Class
Kernel Members

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Kaliko.ImageLibrary

Kernel Class Methods

For a list of all members of this type, see Kernel members.

Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
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<tbody>
<tr>
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</tr>
</tbody>
</table>

See Also

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Kernel Class
Kaliko.ImageLibrary.Filters Namespace

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

GetKernel Method

› Collapse All  › Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > Kernel Class : GetKernel Method

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Function GetKernel() As System.Single()

'Usage

Dim instance As Kernel
Dim value() As System.Single

value = instance.GetKernel()

public System.float[] GetKernel()
public function GetKernel(): System.array of Single;
public function GetKernel() : System.float[];
public: System.float[]* GetKernel();
public:
System.array<float>^ GetKernel();

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference
Kernel Class
Kernel Members

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Kaliko.ImageLibrary

**Kernel Class Properties**

› Collapse All  › Members Options: Show All

Kaliko.ImageLibrary.Filters Namespace : Kernel Class

For a list of all members of this type, see Kernel members.

### Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data</td>
<td></td>
</tr>
<tr>
<td>Height</td>
<td></td>
</tr>
<tr>
<td>Width</td>
<td></td>
</tr>
</tbody>
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### See Also

Reference

Kernel Class
Kaliko.ImageLibrary.Filters Namespace

This documentation was created using Document! X from Innovasys
Data Property

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Property Data As System.Single()

'Usage

Dim instance As Kernel
Dim value() As System.Single

instance.Data = value

value = instance.Data

public System.float[] Data {get; set;}
public read-write property Data: System.array of Single;
public function get,set Data : System.float[]
public: __property System.float[]* get_Data();
public: __property void set_Data(
    System.float[]* value
);

property System.array<
    float>

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server
2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

Kernel Class
Kernel Members

This documentation was created using Document! X from Innovasys
Height Property (Kernel)

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Property Height As System.Integer

'Usage

Dim instance As Kernel
Dim value As System.Integer

instance.Height = value

value = instance.Height

public System.int Height {get; set;}

public read-write property Height: System.Integer;

public function get, set Height : System.int

public: __property System.int get_Height();

public: __property void set_Height(

    System.int value

    );

public:

property System.int Height {
    System.int get();
    void set ( System.int value);
}

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server
2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

Kernel Class
Kernel Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**Width Property (Kernel)**

- Collapse All  
- Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > Kernel Class : Width Property

### Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

**Public Property** Width **As** System.Integer

'Usage

Dim instance **As** Kernel
Dim value **As** System.Integer

instance.Width = value

value = instance.Width

public System.int Width {get; set;}
public read-write property Width: System.Integer;  
public function get,set Width : System.int
public: __property System.int get_Width();  
public: __property void set_Width(System.int value)

public:
property System.int Width {
    System.int get();
    void set ( System.int value);
}

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server
2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

Kernel Class
Kernel Members

This documentation was created using Document! X from Innovasys
PixelUtils Class

Object Model

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Class PixelUtils

'Usage

Dim instance As PixelUtils
public class PixelUtils
public class PixelUtils
public class PixelUtils
public __gc class PixelUtils
public ref class PixelUtils

Inheritance Hierarchy

System.Object
    Kaliko.ImageLibrary.Filters.PixelUtils

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server
2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

PixelUtils Members
Kaliko.ImageLibrary.Filters Namespace

This documentation was created using Document! X from Innovasys
The following tables list the members exposed by `PixelUtils`.

### Public Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>PixelUtils Constructor</code></td>
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</tr>
</tbody>
</table>

### Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>Brightness</code></td>
<td></td>
</tr>
<tr>
<td><code>Clamp</code></td>
<td>Clamp a value to the range 0..255</td>
</tr>
<tr>
<td><code>Interpolate</code></td>
<td></td>
</tr>
<tr>
<td><code>NearColors</code></td>
<td></td>
</tr>
</tbody>
</table>

### See Also

**Reference**

- `PixelUtils Class`
- `Kaliko.ImageLibrary.Filters Namespace`

This documentation was created using **Document! X** from Innovasys
**PixelUtils Constructor**

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

'BDeclaration

Public Function New()
'Usage

Dim instance As New PixelUtils()
public PixelUtils()
public PixelUtils();
public function PixelUtils();
public: PixelUtils();
public:
PixelUtils();

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

Reference

PixelUtils Class
PixelUtils Members
## PixelUtils Class Methods

For a list of all members of this type, see [PixelUtils members](#).

### Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="#" alt="Brightness" /></td>
<td>Brightness</td>
</tr>
<tr>
<td><img src="#" alt="Clamp" /></td>
<td>Clamp a value to the range 0..255</td>
</tr>
<tr>
<td><img src="#" alt="Interpolate" /></td>
<td>Interpolate</td>
</tr>
<tr>
<td><img src="#" alt="NearColors" /></td>
<td>NearColors</td>
</tr>
</tbody>
</table>

### See Also

**Reference**

- [PixelUtils Class](#)
- [Kaliko.ImageLibrary.Filters Namespace](#)

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**Brightness Method**

- Collapse All  Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > PixelUtils Class: Brightness Method

## Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```plaintext
Public Shared Function Brightness( _
    ByVal rgb As System.Integer _
) As System.Integer
'Usage

Dim rgb As System.Integer
Dim value As System.Integer

value = PixelUtils.Brightness(rgb)

Public static System.int Brightness(
    System.int rgb
)

Public function Brightness(
    rgb: System.Integer
): System.Integer; static;
Public static function Brightness(
    rgb : System.int
): System.int;
Public: static System.int Brightness(
    System.int rgb
)

Public:
    static System.int Brightness(
        System.int rgb
    )
```

### Parameters
Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

PixelUtils Class
PixelUtils Members

This documentation was created using Document! X from Innovasys
Clamp a value to the range 0..255

**Syntax**

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

'**Declaration**

```plaintext
Public Shared Function Clamp( _
    ByVal value As System.Integer _
) As System.Integer
'**Usage**

Dim value As System.Integer
Dim value As System.Integer

value = PixelUtils.Clamp(value)
public static System.int Clamp( System.int value
}
public function Clamp( System.int value
): System.Integer; static;
public static function Clamp( System.int value
): System.int;

public: static System.int Clamp( System.int value
}

public:
static System.int Clamp( System.int value
}
```
## Parameters

`value`

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

**Reference**

- PixelUtils Class
- PixelUtils Members

This documentation was created using Document! X from Innovasys
### Syntax

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

#### 'Declaration

```vbnet
Public Shared Function Interpolate( _
   ByVal v1 As System.Integer, _
   ByVal v2 As System.Integer, _
   ByVal f As System.Single _
) As System.Integer
```

#### 'Usage

```vbnet
Dim v1 As System.Integer
Dim v2 As System.Integer
Dim f As System.Single
Dim value As System.Integer

value = PixelUtils.Interpolate(v1, v2, f)
```

```csharp
public static System.Int Interpolate(
   System.Int v1,
   System.Int v2,
   System.Single f
)
```

```delphi
public function Interpolate(
   v1: System.Integer;
   v2: System.Integer;
   f: System.Single;
): System.Integer; static;
```

```javascript
public static function Interpolate(
   v1: System.int,
   v2: System.int,
   f: System.float
): System.int;
```
public: static System::int Interpolate(
    System::int v1,
    System::int v2,
    System::float f
)

public:
static System::int Interpolate(
    System::int v1,
    System::int v2,
    System::float f
)

**Parameters**

$v1$
$v2$
$f$

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

Reference

PixelUtils Class
PixelUtils Members

This documentation was created using Document! X from Innovasys
**NearColors Method**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

**Syntax**

**'Declaration**

```vbnet
Public Shared Function NearColors(  
    ByVal rgb1 As System.Integer, _  
    ByVal rgb2 As System.Integer, _  
    ByVal tolerance As System.Integer _)  
) As System.Boolean
```

```csharp
public static System.bool NearColors(  
    System.int rgb1,  
    System.int rgb2,  
    System.int tolerance  
)
```

**'Usage**

```vbnet
Dim rgb1 As System.Integer  
Dim rgb2 As System.Integer  
Dim tolerance As System.Integer  
Dim value As System.Boolean

value = PixelUtils.NearColors(rgb1, rgb2, tolerance)
```

```csharp
public static System.bool NearColors(  
    System.int rgb1,  
    System.int rgb2,  
    System.int tolerance  
)
```

```csharp
public function NearColors(  
    rgb1: System.Integer;  
    rgb2: System.Integer;  
    tolerance: System.Integer  
): System.Boolean; static;  
public static function NearColors(  
    rgb1 : System.int,  
    rgb2 : System.int,  
    tolerance : System.int  
) : System.boolean;
```
public: static System::bool NearColors(
    System::int rgb1,
    System::int rgb2,
    System::int tolerance
)

public:
static System::bool NearColors(
    System::int rgb1,
    System::int rgb2,
    System::int tolerance
)

Parameters

rgb1
rgb2
tolerance

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

PixelUtils Class
PixelUtils Members

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Kaliko.ImageLibrary

**UnsharpMaskFilter Class**

Members ▶ Collapse All ▶ Language Filter: All

Kaliko.ImageLibrary.Filters Namespace : UnsharpMaskFilter Class

- **Object Model**

- **Syntax**

  - Visual Basic
  - C#
  - Delphi
  - JScript
  - Managed Extensions for C++
  - C++/CLI

  `Declaration`

  ```
  Public Class UnsharpMaskFilter
    Implements IFilter
  End Class
  ```

  `Usage`

  ```
  Dim instance As UnsharpMaskFilter
  public class UnsharpMaskFilter : IFilter
  public class UnsharpMaskFilter = class(IFilter)
  public class UnsharpMaskFilter implements IFilter
  public __gc class UnsharpMaskFilter : public IFilter
  public ref class UnsharpMaskFilter : public IFilter
  ```

- **Inheritance Hierarchy**

  System.Object
    Kaliko.ImageLibrary.Filters.UnsharpMaskFilter

- **Requirements**

  **Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP
SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

UnsharpMaskFilter Members
Kaliko.ImageLibrary.Filters Namespace

This documentation was created using Document! X from Innovasys
UnsharpMaskFilter Class Members

Methods  ▸ Collapse All  ▸ Members Options: Show All

Kaliko.ImageLibrary.Filters Namespace : UnsharpMaskFilter Class

The following tables list the members exposed by UnsharpMaskFilter.

### Public Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>UnsharpMaskFilter Constructor</td>
<td></td>
</tr>
</tbody>
</table>

### Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Run</td>
<td></td>
</tr>
</tbody>
</table>

### See Also

Reference

UnsharpMaskFilter Class
Kaliko.ImageLibrary.Filters Namespace

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

UnsharpMaskFilter Constructor

Collate All  Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > UnsharpMaskFilter Class: UnsharpMaskFilter Constructor

## Syntax

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

### Declaration

```vbnet
Public Function New(_
    ByVal radius As System.Single, _
    ByVal amount As System.Single, _
    ByVal threshold As System.Integer _) 
) 
```

### Usage

```vbnet
Dim radius As System.Single
Dim amount As System.Single
Dim threshold As System.Integer

Dim instance As New UnsharpMaskFilter(radius, amount, threshold)
```

```csharp
public UnsharpMaskFilter(
    System.float radius,
    System.float amount,
    System.int threshold
) 
```

```delphi
public UnsharpMaskFilter(
    radius: System.Single;
    amount: System.Single;
    threshold: System.Integer
)
```

```jscript
public function UnsharpMaskFilter(
    radius: System.float,
    amount: System.float,
    threshold: System.int
)
```

```cpp
public: UnsharpMaskFilter(
```

```cli
public: UnsharpMaskFilter(
```
public:
UnsharpMaskFilter(
    System::float radius,
    System::float amount,
    System::int threshold
)

## Parameters

- **radius**
- **amount**
- **threshold**

## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

Reference

UnsharpMaskFilter Class
UnsharpMaskFilter Members

This documentation was created using Document! X from Innovasys
UnsharpMaskFilter Class Methods

For a list of all members of this type, see **UnsharpMaskFilter members**.

### Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Run</td>
<td></td>
</tr>
</tbody>
</table>

### See Also

**Reference**

UnsharpMaskFilter Class  
Kaliko.ImageLibrary.Filters Namespace

This documentation was created using **Document! X** from Innovasys
Run Method (UnsharpMaskFilter)

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Sub Run(_
   ByVal image As KalikoImage _
)

'Usage

Dim instance As UnsharpMaskFilter
Dim image As KalikoImage

instance.Run(image)
public void Run(
   KalikoImage image
)

public procedure Run(
   image: KalikoImage
);

public function Run(
   image : KalikoImage
);

public: void Run(
   KalikoImage* image
)

public:
void Run(
   KalikoImage^ image
)

Parameters
Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

UnsharpMaskFilter Class
UnsharpMaskFilter Members

This documentation was created using Document! X from Innovasys
ConvolveFilter.EdgeMode Enumeration

Namespace:

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Enum ConvolveFilter.EdgeMode
    Inherits System.Enum

'Usage

Dim instance As ConvolveFilter.EdgeMode
public enum ConvolveFilter.EdgeMode : System.Enum
public enum ConvolveFilter.EdgeMode = class(System.Enum)
public enum ConvolveFilter.EdgeMode extends System.Enum
    __value
public enum ConvolveFilter.EdgeMode : public System.Enum
public enum class ConvolveFilter.EdgeMode : public System.Enum

Members

<table>
<thead>
<tr>
<th>Member</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clamp</td>
<td>Clamp pixels off the edge to the nearest edge.</td>
</tr>
<tr>
<td>Wrap</td>
<td>Wrap pixels off the edge to the opposite edge.</td>
</tr>
<tr>
<td>Zero</td>
<td>Treat pixels off the edge as zero.</td>
</tr>
</tbody>
</table>

Inheritance Hierarchy

System.Object
    System.ValueType
System.Enum
Kaliko.ImageLibrary.Filters.ConvolveFilter.EdgeMode

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

**Reference**

Kaliko.ImageLibrary.Filters Namespace

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**IFilter Interface**

**Members**  
› Collapse All  
› Language Filter: All

Kaliko.ImageLibrary.Filters Namespace : IFilter Interface

▲ **Object Model**

[IFilter]

▲ **Syntax**

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'**Declaration**

Public Interface IFilter
'**Usage**

Dim instance As IFilter
gen Public interface IFilter
gen Public interface IFilter
gen Public interface IFilter
gen Public __gc __interface IFilter
gen Public interface class IFilter

▲ **Requirements**

**Target Platforms:*** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

▲ **See Also**

Reference
IFilter Members
Kaliko.ImageLibrary.Filters Namespace

This documentation was created using Document! X from Innovasys
IFilter Interface Members

The following tables list the members exposed by IFilter.

### Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Run</td>
<td></td>
</tr>
</tbody>
</table>

**See Also**

**Reference**

IFilter Interface  
Kaliko.ImageLibrary.Filters Namespace  

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**IFilter Interface Methods**

Collapse All  Members Options: Show All

Kaliko.ImageLibrary.Filters Namespace : IFilter Interface

For a list of all members of this type, see [IFilter members](#).

### Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Run</td>
<td></td>
</tr>
</tbody>
</table>

See Also

Reference

IFilter Interface  
Kaliko.ImageLibrary.Filters Namespace

This documentation was created using Document! X from Innovasys
### Syntax

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

'Declaration

```vbnet
Sub Run( _
    ByVal image As KalikoImage _
)'
Usage

Dim instance As IFilter
Dim image As KalikoImage

instance.Run(image)
void Run(
    KalikoImage image
)
procedure Run(
    image: KalikoImage
);
function Run(
    image : KalikoImage
);
void Run(
    KalikoImage* image
)
void Run(
    KalikoImage^ image
)
```

**Parameters**
Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

IFilter Interface
IFilter Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**Kaliko.ImageLibrary.Scaling Namespace**

**Inheritance Hierarchy**  ▸ Collapse All

## Classes

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="crop" alt="CropScaling" /></td>
<td>CropScaling</td>
</tr>
<tr>
<td><img src="fit" alt="FitScaling" /></td>
<td>FitScaling</td>
</tr>
<tr>
<td><img src="pad" alt="PadScaling" /></td>
<td>PadScaling</td>
</tr>
<tr>
<td><img src="scaling" alt="ScalingBase" /></td>
<td>ScalingBase Abstract class used by scaling engines.</td>
</tr>
</tbody>
</table>

## See Also

**Reference**

Kaliko.ImageLibrary Assembly

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**CropScaling Class**

Members  ▸ Collapse All  ▸ Language Filter: All

Kaliko.ImageLibrary.Scaling Namespace : CropScaling Class

## Object Model

### Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

### Declaration

```
Public Class CropScaling
    Inherits ScalingBase
```

### Usage

```
Dim instance As CropScaling

Public class CropScaling = class(ScalingBase)
Public class CropScaling extends ScalingBase
Public __gc class CropScaling : public ScalingBase
Public ref class CropScaling : public ScalingBase
```

## Inheritance Hierarchy

System.Object
  Kaliko.ImageLibrary.Scaling.ScalingBase
  Kaliko.ImageLibrary.Scaling.CropScaling

## Requirements
**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

**Reference**

CropScaling Members
Kaliko.ImageLibrary.Scaling Namespace
FitScaling Class
PadScaling Class

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**CropScaling Class Members**

Methods  ▶ Collapse All  ▶ Members Options: Show All

Kaliko.ImageLibrary.Scaling Namespace : CropScaling Class

The following tables list the members exposed by **CropScaling**.

### Public Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>![ ](CropScaling Constructor)</td>
<td>CropScaling Constructor</td>
</tr>
</tbody>
</table>

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### Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="Scale" alt=" " /></td>
<td>Core function that applies the scaling to the image. (Inherited from Kaliko.ImageLibrary.Scaling.ScalingBase)</td>
</tr>
</tbody>
</table>

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### See Also

Reference

**CropScaling Class**
Kaliko.ImageLibrary.Scaling Namespace
FitScaling Class
PadScaling Class

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

CropScaling Constructor

Collapse All  Language Filter: All

Kaliko.ImageLibrary.Scaling Namespace > CropScaling Class : CropScaling Constructor

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Function New( _
    ByVal targetWidth As System.Integer, _
    ByVal targetHeight As System.Integer _
) }

'Usage

Dim targetWidth As System.Integer
Dim targetHeight As System.Integer

Dim instance As New CropScaling(targetWidth, targetHeight)

public CropScaling(
    System.int targetWidth,
    System.int targetHeight
)

public CropScaling(
    targetWidth : System.Integer;
    targetHeight : System.Integer
);

public function CropScaling(
    targetWidth : System.int,
    targetHeight : System.int
);

public: CropScaling(
    System.int targetWidth,
    System.int targetHeight
)

public:
CropScaling(
System.\textit{int} targetWidth,  
System.\textit{int} targetHeight)

\section*{Parameters}

\textit{targetWidth}  
\textit{targetHeight}

\section*{Requirements}

\textbf{Target Platforms:} Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

\section*{See Also}

\section*{Reference}

CropScaling Class  
CropScaling Members

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

**FitScaling Class**

Members  ▸ Collapse All ▸ Language Filter: All

**Kaliko.ImageLibrary.Scaling Namespace** : FitScaling Class

### Object Model

[FitScaling]

### Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'**Declaration**

**Public Class** FitScaling
  **Inherits** ScalingBase

'**Usage**

**Dim** instance **As** FitScaling
**public class** FitScaling **: ScalingBase**
**public class** FitScaling **= class**(ScalingBase)
**public class** FitScaling extends **ScalingBase**
**public __gc class** FitScaling **: public** ScalingBase
**public ref class** FitScaling **: public** ScalingBase

### Inheritance Hierarchy

System.Object
  Kaliko.ImageLibrary.Scaling.ScalingBase
  Kaliko.ImageLibrary.Scaling.FitScaling

### Requirements
**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

**Reference**

- FitScaling Members
- Kaliko.ImageLibrary.Scaling Namespace
- CropScaling Class
- PadScaling Class

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Kaliko.ImageLibrary

FitScaling Class Members

Methods ▶ Collapse All ▶ Members Options: Show All

Kaliko.ImageLibrary.Scaling Namespace : FitScaling Class

The following tables list the members exposed by FitScaling.

확연한 클래스 구성원

## Public Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>FitScaling Constructor</td>
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확연한 멤버들

## Public Methods

<table>
<thead>
<tr>
<th>Name</th>
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<td>Scale</td>
<td>Core function that applies the scaling to the image. (Inherited from Kaliko.ImageLibrary.Scaling.ScalingBase)</td>
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</tbody>
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확연한 멤버들

See Also

Reference

FitScaling Class
Kaliko.ImageLibrary.Scaling Namespace
CropScaling Class
PadScaling Class

This documentation was created using Document! X from Innovasys
FitScaling Constructor

Kaliko.ImageLibrary.Scaling Namespace > FitScaling Class : FitScaling Constructor

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Function New(  
    ByVal targetWidth As System.Integer, ByVal targetHeight As System.Integer  
)  
'Usage

Dim targetWidth As System.Integer  
Dim targetHeight As System.Integer  

Dim instance As New FitScaling(targetWidth, targetHeight)  
public FitScaling(
    System.int targetWidth,
    System.int targetHeight
)  
public FitScaling(
    targetWidth : System.Integer;
    targetHeight : System.Integer
);  
public function FitScaling(
    targetWidth : System.int,
    targetHeight : System.int
);  
public: FitScaling(
    System.int targetWidth,
    System.int targetHeight
)  
public:  
FitScaling(  


System.\textbf{int} targetWidth, \\
System.\textbf{int} targetHeight

\section*{Parameters}

\textit{targetWidth} \\
\textit{targetHeight}

\section*{Requirements}

\textbf{Target Platforms:} Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

\section*{See Also}

\textbf{Reference}

FitScaling Class \\
FitScaling Members

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**PadScaling Class**

Members Collapse All Language Filter: All

Kaliko.ImageLibrary.Scaling Namespace: PadScaling Class

### Object Model

PadScaling

### Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```vbnet
Public Class PadScaling
    Inherits ScalingBase
```

'Usage

```vbnet
Dim instance As PadScaling
public class PadScaling : ScalingBase
public class PadScaling = class(ScalingBase)
public class PadScaling extends ScalingBase
public __gc class PadScaling : public ScalingBase
public ref class PadScaling : public ScalingBase
```

### Inheritance Hierarchy

System.Object

Kaliko.ImageLibrary.Scaling.ScalingBase

Kaliko.ImageLibrary.Scaling.PadScaling

### Requirements
**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**

**Reference**

- PadScaling Members
- Kaliko.ImageLibrary.Scaling Namespace
- CropScaling Class
- FitScaling Class

This documentation was created using *Document! X* from Innovasys
The following tables list the members exposed by `PadScaling`.

### Public Constructors

<table>
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<tr>
<td><code>PadScaling</code></td>
<td>Overloaded.</td>
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### Public Methods

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<td>Core function that applies the scaling to the image. (Inherited from <code>Kaliko.ImageLibrary.Scaling.ScalingBase</code>)</td>
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**See Also**

- `PadScaling` Class
- `Kaliko.ImageLibrary.Scaling` Namespace
- `CropScaling` Class
- `FitScaling` Class

This documentation was created using Document! X from Innovasys
PadScaling Constructor

<table>
<thead>
<tr>
<th>Overload</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PadScaling Constructor(Int32,Int32)</td>
<td></td>
</tr>
<tr>
<td>PadScaling Constructor(Int32,Int32,Color)</td>
<td></td>
</tr>
</tbody>
</table>

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

PadScaling Class
PadScaling Members

This documentation was created using Document! X from Innovasys
PadScaling Constructor(Int32,Int32)

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Function New( _
   ByVal targetWidth As System.Integer, _
   ByVal targetHeight As System.Integer _
)

'Usage

Dim targetWidth As System.Integer
Dim targetHeight As System.Integer

Dim instance As New PadScaling(targetWidth, targetHeight)

public PadScaling(
   System.int targetWidth,
   System.int targetHeight
)

public PadScaling(
   targetWidth: System.Integer;
   targetHeight: System.Integer
);

public function PadScaling(
   targetWidth : System.int,
   targetHeight : System.int
);

public: PadScaling(
   System.int targetWidth,
   System.int targetHeight
)

public:
PadScaling(
    System.int targetWidth,
    System.int targetHeight
)

Parameters

targetWidth
targetHeight

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

PadScaling Class
PadScaling Members
Overload List

This documentation was created using Document! X from Innovasys
PadScaling Constructor(Int32,Int32,Color)

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public Function New( _
    ByVal targetWidth As System.Integer, _
    ByVal targetHeight As System.Integer, _
    ByVal backgroundColor As System.Drawing.Color _
)  

'Usage

Dim targetWidth As System.Integer
Dim targetHeight As System.Integer
Dim backgroundColor As System.Drawing.Color

Dim instance As New PadScaling(targetWidth, targetHeight, backgroundColor)

public PadScaling(
    System.int targetWidth,
    System.int targetHeight,
    System.Drawing.Color backgroundColor
)

public PadScaling(
    targetWidth: System.Integer;
    targetHeight: System.Integer;
    backgroundColor: System.Drawing.Color
);

public function PadScaling(
    targetWidth : System.int,
    targetHeight : System.int,
    backgroundColor : System.Drawing.Color
);
public: PadScaling(
    System::int targetWidth,
    System::int targetHeight,
    System::Drawing::Color backgroundColor
)
public:
PadScaling(
    System::int targetWidth,
    System::int targetHeight,
    System::Drawing::Color backgroundColor
)

Parameters

*targetWidth*
*targetHeight*
*backgroundColor*

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

PadScaling Class
PadScaling Members
Overload List

This documentation was created using Document! X from Innovasys
Kaliko.ImageLibrary

ScalingBase Class

Abstract class used by scaling engines.

Object Model

Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

Public MustInherit Class ScalingBase

'Usage

Dim instance As ScalingBase
Public abstract class ScalingBase
Public class ScalingBase abstract;
Public abstract class ScalingBase
Public __gc abstract class ScalingBase
Public ref class ScalingBase abstract

Inheritance Hierarchy

System.Object
Kaliko.ImageLibrary.Scaling.ScalingBase
Kaliko.ImageLibrary.Scaling.CropScaling
Kaliko.ImageLibrary.Scaling.FitScaling
Kaliko.ImageLibrary.Scaling.PadScaling
## Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

## See Also

**Reference**

- ScalingBase Members
- Kaliko.ImageLibrary.Scaling Namespace
- CropScaling Class
- FitScaling Class
- PadScaling Class

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Kaliko.ImageLibrary

**ScalingBase Class Members**

**Methods**
- Collapse All
- Members Options: Show All

**Kaliko.ImageLibrary.Scaling Namespace : ScalingBase Class**

The following tables list the members exposed by ScalingBase.

### Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scale</td>
<td>Core function that applies the scaling to the image.</td>
</tr>
</tbody>
</table>

### See Also

**Reference**

- ScalingBase Class
- Kaliko.ImageLibrary.Scaling Namespace
- CropScaling Class
- FitScaling Class
- PadScaling Class

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**ScalingBase Class Methods**

- Collapse All  
- Members Options: Show All

### Kaliko.ImageLibrary.Scaling Namespace : ScalingBase Class

For a list of all members of this type, see **ScalingBase members**.

#### Public Methods

<table>
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<th>Name</th>
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<td>Scale</td>
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</table>

#### See Also

**Reference**

- ScalingBase Class
- Kaliko.ImageLibrary.Scaling Namespace
- CropScaling Class
- FitScaling Class
- PadScaling Class

This documentation was created using **Document! X** from Innovasys
Core function that applies the scaling to the image.

**Syntax**

- **Visual Basic**
- **C#**
- **Delphi**
- **JScript**
- **Managed Extensions for C++**
- **C++/CLI**

'**Declaration**

```
Public Function Scale( _
    ByVal sourceImage As KalikoImage _
) As KalikoImage
'**Usage**

Dim instance As ScalingBase
Dim sourceImage As KalikoImage
Dim value As KalikoImage

value = instance.Scale(sourceImage)
```

```
public KalikoImage Scale(    
    KalikoImage sourceImage    
)    

public function Scale(       
    sourceImage : KalikoImage  
) : KalikoImage;

public function Scale(       
    sourceImage : KalikoImage  
) : KalikoImage;

public: KalikoImage* Scale(       
    KalikoImage* sourceImage   
) ;

public: 
KalikoImage^ Scale(       
    KalikoImage^ sourceImage   
) ;
```
Parameters

sourceImage
   Image to be scaled

Return Value

Scaled image

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

ScalingBase Class
ScalingBase Members

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Kaliko.ImageLibrary Namespace

Inheritance Hierarchy

- System.Object
  - Kaliko.ImageLibrary.KalikoImage

See Also

Reference

Kaliko.ImageLibrary Assembly

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Kaliko.ImageLibrary

Kaliko.ImageLibrary.ColorSpace

Namespace Inheritance Hierarchy

Collapse All

Inheritance Hierarchy

System.Object
  System.ValueType
    Kaliko.ImageLibrary.ColorSpace.CIELab
    Kaliko.ImageLibrary.ColorSpace.CIEXYZ
    Kaliko.ImageLibrary.ColorSpace.CMYK
    Kaliko.ImageLibrary.ColorSpace.HSB
    Kaliko.ImageLibrary.ColorSpace.HSL
    Kaliko.ImageLibrary.ColorSpace.RGB
    Kaliko.ImageLibrary.ColorSpace.YUV

See Also

Reference

Kaliko.ImageLibrary Assembly

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Kaliko.ImageLibrary

Kaliko.ImageLibrary.Filters Namespace

Inheritance Hierarchy

- System.Object
  - Kaliko.ImageLibrary.Filters.BrightnessFilter
  - Kaliko.ImageLibrary.Filters.ChromaKeyFilter
  - Kaliko.ImageLibrary.Filters.ContrastFilter
  - Kaliko.ImageLibrary.Filters.ConvolveFilter
    - Kaliko.ImageLibrary.Filters.GaussianBlurFilter
  - Kaliko.ImageLibrary.Filters.DesaturationFilter
  - Kaliko.ImageLibrary.Filters.InvertFilter
  - Kaliko.ImageLibrary.Filters.Kernel
  - Kaliko.ImageLibrary.Filters.PixelUtils
  - Kaliko.ImageLibrary.Filters.UnsharpMaskFilter

See Also

Reference

Kaliko.ImageLibrary Assembly

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Kaliko.ImageLibrary

Kaliko.ImageLibrary.Scaling Namespace

Inheritance Hierarchy

- System.Object
  - Kaliko.ImageLibrary.Scaling.ScalingBase
    - Kaliko.ImageLibrary.Scaling.CropScaling
    - Kaliko.ImageLibrary.Scaling.FitScaling
    - Kaliko.ImageLibrary.Scaling.PadScaling

See Also

Reference

Kaliko.ImageLibrary Assembly

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