

An_Overview Namespace

Classes

Class

Description

 [Contact_Manager](#)



**Contact
Management**



**Contact
Management**

Normally processes will instantiate classes that it requires, e.g.,

```
var logger = new DebugLogger();
```

In contrast, with Inversion of control (IOC), aka Dependency Injection, the control is given to the application and instances are passed into the process. For example any class within a IOC system can simply set a [Dependency] attribute above an interface and the instance will magically be provided by the application;

 [Inversion Of Control](#)

```
[Dependency]  
public ILogger Logger { get; set; }
```

This is extremely beneficial for examples such as that shown above; a Logger is a cross cutting concern that we may later want to change. For now it goes to the console and debug window. If later we want logging to be handled by the Enterprise Library or a SQL Server we can simply create a new implementation and in the App.Config configure it to use the new

implementation - no other code changes are required.

Click the following link for a [Dependency Injection Primer](#)

Dependencies are configured in two places - the App.Config and the Program.cs files.

Examples

C#

```
[Dependency]
public ILogger Logger { get; set; }
```

```
[Dependency]
public IDataAccessLayer GhostDocDal { get; set; }
```

 [Quick_Start](#)



{DocFile replacement=QuickStart.htm}

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Contact_Manager Class



Namespace: [An_Overview](#)

Assembly: Gwn.Framework.Docs (in Gwn.Framework.Docs.dll)

Syntax

[C#](#)

```
public class Contact_Manager
```

Inheritance Hierarchy

[Object](#)

An_Overview...:..Contact_Manager

See Also

[An Overview Namespace](#)

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Inversion_Of_Control Class



Normally processes will instantiate classes that it requires, e.g.,

```
var logger = new DebugLogger();
```

In contrast, with Inversion of control (IOC), aka Dependency Injection, the control is given to the application and instances are passed into the process. For example any class within a IOC system can simply set a [Dependency] attribute above an interface and the instance will magically be provided by the application;

```
[Dependency]  
public ILogger Logger { get; set; }
```

This is extremely beneficial for examples such as that shown above; a Logger is a cross cutting concern that we may later want to change. For now it goes to the console and debug window. If later we want logging to be handled by the Enterprise Library or a SQL Server we can simply create a new implementation and in the App.Config configure it to use the new implementation - no other code changes are required.

Click the following link for a [Dependency Injection Primer](#)

Dependencies are configured in two places - the App.Config and the Program.cs files.

Examples

C#

```
[Dependency]  
public ILogger Logger { get; set; }
```

```
[Dependency]  
public IDataAccessLayer GhostDocDal { get; set; }
```

Namespace: [An Overview](#)

Assembly: Gwn.Framework.Docs (in Gwn.Framework.Docs.dll)

Syntax

[C#](#)

```
public class Inversion_Of_Control
```

Inheritance Hierarchy

[Object](#)

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See Also

[An Overview Namespace](#)

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Quick_Start Class



{DocFile replacement=QuickStart.htm}

Namespace: [An Overview](#)

Assembly: Gwn.Framework.Docs (in Gwn.Framework.Docs.dll)

Syntax

[C#](#)

```
public class Quick_Start
```

Inheritance Hierarchy

[Object](#)

An_Overview...:..Quick_Start

See Also

[An Overview Namespace](#)

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ContactManager.Dal.Context Namespace

Classes

Class	Description
 ContactContext	Class ContactContext.

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ContactContext Class

Class ContactContext.

Namespace: [ContactManager.Dal.Context](#)

Assembly: ContactManager.Dal (in ContactManager.Dal.dll)

Syntax

[C#](#)

```
public class ContactContext
```

Inheritance Hierarchy

[Object](#)

ContactManager.Dal.Context...::ContactContext

See Also

[ContactContext Members](#)

[ContactManager.Dal.Context Namespace](#)

[Microsoft.EntityFrameworkCore.DbContext]




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ContactContext Members

The [ContactContext](#) type exposes the following members.

Properties

Name	Description
 Contacts	Gets or sets the contacts.
 Organizations	Gets or sets the organizations.
 Tags	Gets or sets the tags.

See Also

[ContactContext Class](#)

[ContactManager.Dal.Context Namespace](#)




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ContactContext Properties

The [ContactContext](#) type exposes the following members.

Properties

Name	Description
 Contacts	Gets or sets the contacts.
 Organizations	Gets or sets the organizations.
 Tags	Gets or sets the tags.

See Also

[ContactContext Class](#)

[ContactManager.Dal.Context Namespace](#)

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ContactContext...:..Contacts Property

Gets or sets the contacts.

Namespace: [ContactManager.Dal.Context](#)

Assembly: ContactManager.Dal (in ContactManager.Dal.dll)

Syntax

[C#](#)

```
public virtual DbSet<Contact> Contacts { get; set; }
```

Field Value

The contacts.

See Also

[ContactContext Class](#)

[ContactManager.Dal.Context Namespace](#)

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ContactContext...Organizations Property

Gets or sets the organizations.

Namespace: [ContactManager.Dal.Context](#)

Assembly: ContactManager.Dal (in ContactManager.Dal.dll)

Syntax

[C#](#)

```
public virtual DbSet<Organization> Organizations { get; set; }
```

Field Value

The organizations.

See Also

[ContactContext Class](#)

[ContactManager.Dal.Context Namespace](#)

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ContactContext...:..Tags Property

Gets or sets the tags.

Namespace: [ContactManager.Dal.Context](#)

Assembly: ContactManager.Dal (in ContactManager.Dal.dll)

Syntax

[C#](#)

```
public virtual DbSet<Tag> Tags { get; set; }
```

Field Value

The tags.

See Also

[ContactContext Class](#)







[ContactManager.Dal.Context Namespace](#)

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ContactManager.Model.Entities Namespace

Classes

Class	Description
 Address	Class Address.
 Contact	Class Contact.
 Link	Class Link.
 Organization	Class Organization.
 PhoneNumber	Class PhoneNumber.
 Tag	Class Tag.

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Address Class

Class Address.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public class Address
```

Inheritance Hierarchy

[Object](#)

ContactManager.Model.Entities.....Address

See Also

[Address Members](#)

[ContactManager.Model.Entities Namespace](#)








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Address Members

The [Address](#) type exposes the following members.

Properties

Name	Description
 AddressId	Gets or sets the address identifier.
 City	Gets or sets the city.
 State	Gets or sets the state.
 Street	Gets or sets the street.
 Street2	Gets or sets the street2.
 Type	Gets or sets the type.
 Zip	Gets or sets the zip.

See Also

[Address Class](#)

[ContactManager.Model.Entities Namespace](#)








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Address Properties

The [Address](#) type exposes the following members.

Properties

Name	Description
 AddressId	Gets or sets the address identifier.
 City	Gets or sets the city.
 State	Gets or sets the state.
 Street	Gets or sets the street.
 Street2	Gets or sets the street2.
 Type	Gets or sets the type.
 Zip	Gets or sets the zip.

See Also

[Address Class](#)

[ContactManager.Model.Entities Namespace](#)

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Address...:..AddressId Property

Gets or sets the address identifier.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public string AddressId { get; set; }
```

Field Value

The address identifier.

See Also

[Address Class](#)

[ContactManager.Model.Entities Namespace](#)

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Address...:City Property

Gets or sets the city.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public string City { get; set; }
```

Field Value

The city.

See Also

[Address Class](#)

[ContactManager.Model.Entities Namespace](#)

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Address...:..State Property

Gets or sets the state.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public string State { get; set; }
```

Field Value

The state.

See Also

[Address Class](#)

[ContactManager.Model.Entities Namespace](#)

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Address...:..Street Property

Gets or sets the street.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public string Street { get; set; }
```

Field Value

The street.

See Also

[Address Class](#)

[ContactManager.Model.Entities Namespace](#)

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Address...:..Street2 Property

Gets or sets the street2.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public string Street2 { get; set; }
```

Field Value

The street2.

See Also

[Address Class](#)

[ContactManager.Model.Entities Namespace](#)

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Address...:..Type Property

Gets or sets the type.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public AddressType Type { get; set; }
```

Field Value

The type.

See Also

[Address Class](#)

[ContactManager.Model.Entities Namespace](#)

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Address...:..Zip Property

Gets or sets the zip.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public string Zip { get; set; }
```

Field Value

The zip.

See Also

[Address Class](#)

[ContactManager.Model.Entities Namespace](#)

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Contact Class

Class Contact.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public class Contact
```

Inheritance Hierarchy

[Object](#)

ContactManager.Model.Entities.....Contact

See Also

[Contact Members](#)

[ContactManager.Model.Entities Namespace](#)

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Contact Members

The [Contact](#) type exposes the following members.

Constructors

Name	Description
✦ Contact	Initializes a new instance of the Contact class.

Properties

Name	Description
 Addresses	Gets or sets the addresses.
 ContactId	Gets or sets the contact identifier.
 FirstName	Gets or sets the first name.
 LastName	Gets or sets the last name.
 Links	Gets or sets the links.
 Middleinitial	Gets or sets the middleinitial.
 Name	Gets or sets the name.
 NickName	Gets or sets the name of the nick.
 Notes	Gets or sets the notes.
 Organizations	Gets or sets the organizations.
 PhoneNumbers	Gets or sets the phone numbers.
 Spouse	Gets or sets the spouse.
 Tags	Gets or sets the tags.
 Title	Gets or sets the title.
 UserId	Gets or sets the user identifier.

See Also

[Contact Class](#)

[ContactManager.Model.Entities Namespace](#)

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Contact Constructor

Initializes a new instance of the [Contact](#) class.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public Contact()
```

See Also

[Contact Class](#)

[ContactManager.Model.Entities Namespace](#)
















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Contact Properties

The [Contact](#) type exposes the following members.

Properties

Name	Description
 Addresses	Gets or sets the addresses.
 ContactId	Gets or sets the contact identifier.
 FirstName	Gets or sets the first name.
 LastName	Gets or sets the last name.
 Links	Gets or sets the links.
 Middleinitial	Gets or sets the middleinitial.
 Name	Gets or sets the name.
 NickName	Gets or sets the name of the nick.
 Notes	Gets or sets the notes.
 Organizations	Gets or sets the organizations.
 PhoneNumbers	Gets or sets the phone numbers.
 Spouse	Gets or sets the spouse.
 Tags	Gets or sets the tags.
 Title	Gets or sets the title.
 UserId	Gets or sets the user identifier.

See Also

[Contact Class](#)

[ContactManager.Model.Entities Namespace](#)

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Contact...:..Addresses Property

Gets or sets the addresses.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public ICollection<Address> Addresses { get; set; }
```

Field Value

The addresses.

See Also

[Contact Class](#)

[ContactManager.Model.Entities Namespace](#)

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Contact...ContactId Property

Gets or sets the contact identifier.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public string ContactId { get; set; }
```

Field Value

The contact identifier.

See Also

[Contact Class](#)

[ContactManager.Model.Entities Namespace](#)

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Contact...::FirstName Property

Gets or sets the first name.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public string FirstName { get; set; }
```

Field Value

The first name.

See Also

[Contact Class](#)

[ContactManager.Model.Entities Namespace](#)

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Contact...::..LastName Property

Gets or sets the last name.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public string LastName { get; set; }
```

Field Value

The last name.

See Also

[Contact Class](#)

[ContactManager.Model.Entities Namespace](#)

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Contact...::Links Property

Gets or sets the links.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public ICollection<Link> Links { get; set; }
```

Field Value

The links.

See Also

[Contact Class](#)

[ContactManager.Model.Entities Namespace](#)

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Contact...Middleinitial Property

Gets or sets the middleinitial.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public string Middleinitial { get; set; }
```

Field Value

The middleinitial.

See Also

[Contact Class](#)

[ContactManager.Model.Entities Namespace](#)

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Contact...:..Name Property

Gets or sets the name.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public string Name { get; set; }
```

Field Value

The name.

See Also

[Contact Class](#)

[ContactManager.Model.Entities Namespace](#)

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Contact...:..NickName Property

Gets or sets the name of the nick.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public string NickName { get; set; }
```

Field Value

The name of the nick.

See Also

[Contact Class](#)

[ContactManager.Model.Entities Namespace](#)

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Contact...:..Notes Property

Gets or sets the notes.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public string Notes { get; set; }
```

Field Value

The notes.

See Also

[Contact Class](#)

[ContactManager.Model.Entities Namespace](#)

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Contact...:..Organizations Property

Gets or sets the organizations.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public ICollection<Organization> Organizations { get; set; }
```

Field Value

The organizations.

See Also

[Contact Class](#)

[ContactManager.Model.Entities Namespace](#)

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Contact...:PhoneNumbers Property

Gets or sets the phone numbers.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public ICollection<PhoneNumber> PhoneNumbers { get; set; }
```

Field Value

The phone numbers.

See Also

[Contact Class](#)

[ContactManager.Model.Entities Namespace](#)

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Contact...:Spouse Property

Gets or sets the spouse.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public string Spouse { get; set; }
```

Field Value

The spouse.

See Also

[Contact Class](#)

[ContactManager.Model.Entities Namespace](#)

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Contact...:..Tags Property

Gets or sets the tags.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public ICollection<Tag> Tags { get; set; }
```

Field Value

The tags.

See Also

[Contact Class](#)

[ContactManager.Model.Entities Namespace](#)

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Contact...:..Title Property

Gets or sets the title.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public string Title { get; set; }
```

Field Value

The title.

See Also

[Contact Class](#)

[ContactManager.Model.Entities Namespace](#)

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Contact...:..UserId Property

Gets or sets the user identifier.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public string UserId { get; set; }
```

Field Value

The user identifier.

See Also

[Contact Class](#)

[ContactManager.Model.Entities Namespace](#)

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Link Class

Class Link.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public class Link
```

Inheritance Hierarchy

[Object](#)

ContactManager.Model.Entities.....Link

See Also

[Link Members](#)

[ContactManager.Model.Entities Namespace](#)




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Link Members

The [Link](#) type exposes the following members.

Properties

Name	Description
 LinkId	Gets or sets the link identifier.
 Name	Gets or sets the name.
 Type	Gets or sets the type.

See Also

[Link Class](#)

[ContactManager.Model.Entities Namespace](#)




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Link Properties

The [Link](#) type exposes the following members.

Properties

Name	Description
 LinkId	Gets or sets the link identifier.
 Name	Gets or sets the name.
 Type	Gets or sets the type.

See Also

[Link Class](#)

[ContactManager.Model.Entities Namespace](#)

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Link...::..LinkId Property

Gets or sets the link identifier.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public string LinkId { get; set; }
```

Field Value

The link identifier.

See Also

[Link Class](#)

[ContactManager.Model.Entities Namespace](#)

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Link...:..Name Property

Gets or sets the name.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public string Name { get; set; }
```

Field Value

The name.

See Also

[Link Class](#)

[ContactManager.Model.Entities Namespace](#)

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Link...:..Type Property

Gets or sets the type.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public LinkType Type { get; set; }
```

Field Value

The type.

See Also

[Link Class](#)

[ContactManager.Model.Entities Namespace](#)

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Organization Class

Class Organization.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public class Organization
```

Inheritance Hierarchy

[Object](#)

ContactManager.Model.Entities.....Organization

See Also

[Organization Members](#)

[ContactManager.Model.Entities Namespace](#)

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Organization Members

The [Organization](#) type exposes the following members.

Constructors

Name	Description
⇒ Organization	Initializes a new instance of the Organization class.

Properties

Name	Description
 Addresses	Gets or sets the addresses.
 Name	Gets or sets the name.
 OrganizationId	Gets or sets the organization identifier.
 PhoneNumbers	Gets or sets the phone numbers.

See Also

[Organization Class](#)

[ContactManager.Model.Entities Namespace](#)

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Organization Constructor

Initializes a new instance of the [Organization](#) class.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public Organization()
```

See Also

[Organization Class](#)

[ContactManager.Model.Entities Namespace](#)





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Organization Properties

The [Organization](#) type exposes the following members.

Properties

Name	Description
 Addresses	Gets or sets the addresses.
 Name	Gets or sets the name.
 OrganizationId	Gets or sets the organization identifier.
 PhoneNumbers	Gets or sets the phone numbers.

See Also

[Organization Class](#)

[ContactManager.Model.Entities Namespace](#)

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Organization...::Addresses Property

Gets or sets the addresses.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public ICollection<Address> Addresses { get; set; }
```

Field Value

The addresses.

See Also

[Organization Class](#)

[ContactManager.Model.Entities Namespace](#)

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Organization...:..Name Property

Gets or sets the name.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public string Name { get; set; }
```

Field Value

The name.

See Also

[Organization Class](#)

[ContactManager.Model.Entities Namespace](#)

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Organization...::OrganizationId Property

Gets or sets the organization identifier.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public string OrganizationId { get; set; }
```

Field Value

The organization identifier.

See Also

[Organization Class](#)

[ContactManager.Model.Entities Namespace](#)

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Organization...:..PhoneNumbers Property

Gets or sets the phone numbers.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public ICollection<PhoneNumber> PhoneNumbers { get; set; }
```

Field Value

The phone numbers.

See Also

[Organization Class](#)

[ContactManager.Model.Entities Namespace](#)

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PhoneNumber Class

Class PhoneNumber.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public class PhoneNumber
```

Inheritance Hierarchy

[Object](#)

ContactManager.Model.Entities.....PhoneNumber

See Also

[PhoneNumber Members](#)

[ContactManager.Model.Entities Namespace](#)




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PhoneNumber Members

The [PhoneNumber](#) type exposes the following members.

Properties

Name	Description
 Number	Gets or sets the number.
 PhoneNumberId	Gets or sets the phone number identifier.
 Type	Gets or sets the type.

See Also

[PhoneNumber Class](#)

[ContactManager.Model.Entities Namespace](#)




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PhoneNumber Properties

The [PhoneNumber](#) type exposes the following members.

Properties

Name	Description
 Number	Gets or sets the number.
 PhoneNumberId	Gets or sets the phone number identifier.
 Type	Gets or sets the type.

See Also

[PhoneNumber Class](#)

[ContactManager.Model.Entities Namespace](#)

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PhoneNumber...Number Property

Gets or sets the number.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public string Number { get; set; }
```

Field Value

The number.

See Also

[PhoneNumber Class](#)

[ContactManager.Model.Entities Namespace](#)

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PhoneNumber...::..PhoneNumberId Property

Gets or sets the phone number identifier.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public string PhoneNumberId { get; set; }
```

Field Value

The phone number identifier.

See Also

[PhoneNumber Class](#)

[ContactManager.Model.Entities Namespace](#)

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PhoneNumber...Type Property

Gets or sets the type.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public PhoneNumberType Type { get; set; }
```

Field Value

The type.

See Also

[PhoneNumber Class](#)

[ContactManager.Model.Entities Namespace](#)

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Tag Class

Class Tag.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public class Tag
```

Inheritance Hierarchy

[Object](#)

ContactManager.Model.Entities.....Tag

See Also

[Tag Members](#)

[ContactManager.Model.Entities Namespace](#)




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Tag Members

The [Tag](#) type exposes the following members.

Properties

Name	Description
 Name	Gets or sets the name.
 Notes	Gets or sets the notes.
 TagId	Gets or sets the tag identifier.

See Also

[Tag Class](#)

[ContactManager.Model.Entities Namespace](#)




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Tag Properties

The [Tag](#) type exposes the following members.

Properties

Name	Description
 Name	Gets or sets the name.
 Notes	Gets or sets the notes.
 TagId	Gets or sets the tag identifier.

See Also

[Tag Class](#)

[ContactManager.Model.Entities Namespace](#)

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Tag...Name Property

Gets or sets the name.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public string Name { get; set; }
```

Field Value

The name.

See Also

[Tag Class](#)

[ContactManager.Model.Entities Namespace](#)

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Tag...::Notes Property

Gets or sets the notes.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public string Notes { get; set; }
```

Field Value

The notes.

See Also

[Tag Class](#)

[ContactManager.Model.Entities Namespace](#)

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Tag...:..TagId Property

Gets or sets the tag identifier.

Namespace: [ContactManager.Model.Entities](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public string TagId { get; set; }
```

Field Value

The tag identifier.

See Also

[Tag Class](#)

[ContactManager.Model.Entities Namespace](#)




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ContactManager.Model.Types

Namespace

Enumerations

Enumeration	Description
 AddressType	Enum AddressType
 LinkType	Enum LinkType
 PhoneNumberType	Enum PhoneNumberType

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AddressType Enumeration

Enum AddressType

Namespace: [ContactManager.Model.Types](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public enum AddressType
```

Members

Member name	Description
NotDefined	The not defined
Billing	The billing
Residence	The residence

See Also

[ContactManager.Model.Types Namespace](#)

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LinkType Enumeration

Enum LinkType

Namespace: [ContactManager.Model.Types](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public enum LinkType
```

Members

Member name	Description
NotDefined	The not defined
Url	The URL
Email	The email

See Also

[ContactManager.Model.Types Namespace](#)

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PhoneNumberType Enumeration

Enum PhoneNumberType

Namespace: [ContactManager.Model.Types](#)

Assembly: ContactManager.Model (in ContactManager.Model.dll)

Syntax

[C#](#)

```
public enum PhoneNumberType
```

Members

Member name	Description
NotDefined	The not defined
Cell	The cell
Work	The work
Home	The home

See Also



[ContactManager.Model.Types Namespace](#)

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ContactManagerWpf Namespace

Classes

Class	Description
 App	Interaction logic for App.xaml
 MainWindow	Interaction logic for MainWindow.xaml

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App Class

Interaction logic for App.xaml

Namespace: [ContactManagerWpf](#)

Assembly: ContactManagerWpf (in ContactManagerWpf.exe)

Syntax

[C#](#)

```
public class App : Application
```

Inheritance Hierarchy

[Object](#)

[DispatcherObject](#)

[Application](#)

ContactManagerWpf.....App

See Also

[ContactManagerWpf Namespace](#)

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MainWindow Class

Interaction logic for MainWindow.xaml

Namespace: [ContactManagerWpf](#)

Assembly: ContactManagerWpf (in ContactManagerWpf.exe)

Syntax

[C#](#)

```
public class MainWindow : Window
```

Inheritance Hierarchy

[Object](#)

[DispatcherObject](#)

[DependencyObject](#)

[Visual](#)

[UIElement](#)

[FrameworkElement](#)

[Control](#)

[ContentControl](#)

[Window](#)

ContactManagerWpf.....MainWindow

See Also

[MainWindow Members](#)

[ContactManagerWpf Namespace](#)

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MainWindow Members

The [MainWindow](#) type exposes the following members.

Constructors

Name	Description
✦ MainWindow	

See Also

[MainWindow Class](#)

[ContactManagerWpf Namespace](#)

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MainWindow Constructor

Namespace: [ContactManagerWpf](#)

Assembly: ContactManagerWpf (in ContactManagerWpf.exe)

Syntax

[C#](#)

```
public MainWindow()
```

See Also

[MainWindow Class](#)


[ContactManagerWpf Namespace](#)

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Gwn.Common.Library.Base Namespace

Classes

Class	Description
 SettingsBase	

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SettingsBase Class

Namespace: [Gwn.Common.Library.Base](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public class SettingsBase : IGwnSettings
```

Inheritance Hierarchy

[Object](#)

Gwn.Common.Library.Base...:SettingsBase

See Also

[SettingsBase Members](#)

[Gwn.Common.Library.Base Namespace](#)

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SettingsBase Members

The [SettingsBase](#) type exposes the following members.

Methods

Name	Description
◆ GetSetting<(Of <<'(T)>>>	
◆ Initialize<(Of <<'(T)>>>	
◆ SetSetting<(Of <<'(T)>>>	

Properties

Name	Description
------	-------------

	Collection
---	----------------------------

See Also

[SettingsBase Class](#)

[Gwn.Common.Library.Base Namespace](#)

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SettingsBase Methods

The [SettingsBase](#) type exposes the following members.

Methods

Name	Description
◆ GetSetting<(Of <<'(T)>>>)	
◆ Initialize<(Of <<'(T)>>>)	
◆ SetSetting<(Of <<'(T)>>>)	

See Also

[SettingsBase Class](#)

[Gwn.Common.Library.Base Namespace](#)

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SettingsBase...::GetSetting<(Of <<'T'>>)> Method

Namespace: [Gwn.Common.Library.Base](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public virtual T GetSetting<T>(
    Object sender,
    EventArgs e
)
```

Type Parameters

T

Parameters

sender

Type: [Object](#)

e

Type: [EventArgs](#)

See Also

[SettingsBase Class](#)

[Gwn.Common.Library.Base Namespace](#)

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SettingsBase...::Initialize<(Of <<'T'>>)> Method

Namespace: [Gwn.Common.Library.Base](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public T Initialize<T>(
    Object sender,
    EventArgs e
)
```

Type Parameters

T

Parameters

sender

Type: [Object](#)

e

Type: [EventArgs](#)

See Also

[SettingsBase Class](#)

[Gwn.Common.Library.Base Namespace](#)

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SettingsBase...::SetSetting<(Of <(<'T>)>)> Method

Namespace: [Gwn.Common.Library.Base](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public virtual T SetSetting<T>(
    Object sender,
    EventArgs e
)
```

Type Parameters

T

Parameters

sender

Type: [Object](#)

e

Type: [EventArgs](#)

See Also

[SettingsBase Class](#)

[Gwn.Common.Library.Base Namespace](#)

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SettingsBase Properties

The [SettingsBase](#) type exposes the following members.

Properties

Name	Description
------	-------------

	Collection
---	----------------------------

See Also

[SettingsBase Class](#)

[Gwn.Common.Library.Base Namespace](#)

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SettingsBase...:..Collection Property

Namespace: [Gwn.Common.Library.Base](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public KeyValuePairCollection Collection { get; set; }
```

See Also

[SettingsBase Class](#)




[Gwn.Common.Library.Base Namespace](#)

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Gwn.Common.Library.Entities Namespace

Classes

Class	Description
 KeyValue	
 KeyValueCollection	
 Setting	

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KeyValue Class

Namespace: [Gwn.Common.Library.Entities](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public class KeyValue
```

Inheritance Hierarchy

[Object](#)

Gwn.Common.Library.Entities...:..KeyValue

See Also

[KeyValue Members](#)

[Gwn.Common.Library.Entities Namespace](#)

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KeyValue Members

The [KeyValue](#) type exposes the following members.

Properties

Name Description

 [Key](#)

 [Value](#)

See Also

[KeyValue Class](#)

[Gwn.Common.Library.Entities Namespace](#)

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KeyValue Properties

The [KeyValue](#) type exposes the following members.

Properties

Name Description

 [Key](#)

 [Value](#)

See Also

[KeyValue Class](#)

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KeyValue...:..Key Property

Namespace: [Gwn.Common.Library.Entities](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public string Key { get; set; }
```

See Also

[KeyValue Class](#)

[Gwn.Common.Library.Entities Namespace](#)

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KeyValue...Value Property

Namespace: [Gwn.Common.Library.Entities](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public string Value { get; set; }
```


See Also

[KeyValue Class](#)

[Gwn.Common.Library.Entities Namespace](#)

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KeyValueCollection Class

Namespace: [Gwn.Common.Library.Entities](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public class KeyValueCollection : IEnumerable<KeyValue>
```

Inheritance Hierarchy

[Object](#)

Gwn.Common.Library.Entities...:..KeyValueCollection

See Also

[KeyValueCollection Members](#)

[Gwn.Common.Library.Entities Namespace](#)

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KeyValueCollection Members

The [KeyValueCollection](#) type exposes the following members.

Methods

Name	Description
☞ GetEnumerator	

Properties

Name	Description
 Item	
 KeyValues	

See Also

[KeyValueCollection Class](#)

[Gwn.Common.Library.Entities Namespace](#)

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KeyValueCollection Methods

The [KeyValueCollection](#) type exposes the following members.

Methods

Name	Description
☞ GetEnumerator	

See Also

[KeyValueCollection Class](#)

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KeyValueCollection...::GetEnumerate Method

Namespace: [Gwn.Common.Library.Entities](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public IEnumerator<KeyValue> GetEnumerator()
```

See Also

[KeyValueCollection Class](#)

[Gwn.Common.Library.Entities Namespace](#)



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KeyValueCollection Properties

The [KeyValueCollection](#) type exposes the following members.

Properties

Name	Description
 Item	
 KeyValues	

See Also

[KeyValueCollection Class](#)

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KeyValueCollection...:..Item Property

Namespace: [Gwn.Common.Library.Entities](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public KeyValuePair this[  
    int index  
] { get; set; }
```

Parameters

index

Type: [Int32](#)

See Also

[KeyValueCollection Class](#)

[Gwn.Common.Library.Entities Namespace](#)

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KeyValueCollection...:KeyValues Property

Namespace: [Gwn.Common.Library.Entities](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public List<KeyValue> KeyValues { get; set; }
```

See Also

[KeyValueCollection Class](#)

[Gwn.Common.Library.Entities Namespace](#)

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Setting Class

Namespace: [Gwn.Common.Library.Entities](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
[DebuggerDisplayAttribute]  
public class Setting : ISettingConfiguration
```

Inheritance Hierarchy

[Object](#)

Gwn.Common.Library.Entities...:..Setting

See Also

[Setting Members](#)

[Gwn.Common.Library.Entities Namespace](#)

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Setting Members

The [Setting](#) type exposes the following members.

Constructors

Name	Description
------	-------------

◆	Setting
---	-------------------------

Properties

Name	Description
 Environment	
 Key	
 Value	

See Also

[Setting Class](#)

[Gwn.Common.Library.Entities Namespace](#)

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Setting Constructor

Namespace: [Gwn.Common.Library.Entities](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public Setting(  
    string key,  
    string value,  
    string environment  
)
```

Parameters

key
Type: [String](#)

value
Type: [String](#)

environment
Type: [String](#)

See Also

[Setting Class](#)

[Gwn.Common.Library.Entities Namespace](#)

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Setting Properties

The [Setting](#) type exposes the following members.

Properties

Name	Description
 Environment	
 Key	
 Value	

See Also

[Setting Class](#)

[Gwn.Common.Library.Entities Namespace](#)

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Setting...:..Environment Property

Namespace: [Gwn.Common.Library.Entities](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public string Environment { get; }
```


See Also

[Setting Class](#)

[Gwn.Common.Library.Entities Namespace](#)

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Setting...:..Key Property

Namespace: [Gwn.Common.Library.Entities](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public string Key { get; }
```

See Also

[Setting Class](#)

[Gwn.Common.Library.Entities Namespace](#)

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Setting...:..Value Property

Namespace: [Gwn.Common.Library.Entities](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public string Value { get; }
```

See Also

[Setting Class](#)

[Gwn.Common.Library.Entities Namespace](#)

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Gwn.Common.Library.Events Namespace

Classes

Class	Description
 AppConfigEventArgs	
 SettingsEventArgs	

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AppConfigEventArgs Class

Namespace: [Gwn.Common.Library.Events](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public class AppConfigEventArgs : EventArgs
```

Inheritance Hierarchy

[Object](#)

[EventArgs](#)

Gwn.Common.Library.Events.....AppConfigEventArgs

See Also

[AppConfigEventArgs Members](#)

[Gwn.Common.Library.Events Namespace](#)






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AppConfigEventArgs Members

The [AppConfigEventArgs](#) type exposes the following members.

Properties

Name	Description
 AppSettings	
 ConnectionStrings	
 Environment	
 Settings	
 UnitySection	

See Also

[AppConfigEventArgs Class](#)

[Gwn.Common.Library.Events Namespace](#)






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AppConfigEventArgs Properties

The [AppConfigEventArgs](#) type exposes the following members.

Properties

Name	Description
 AppSettings	
 ConnectionStrings	
 Environment	
 Settings	
 UnitySection	

See Also

[AppConfigEventArgs Class](#)

[Gwn.Common.Library.Events Namespace](#)

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AppConfigEventArgs...AppSettings Property

Namespace: [Gwn.Common.Library.Events](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public NameValueCollection AppSettings { get; set; }
```

See Also

[AppConfigEventArgs Class](#)

[Gwn.Common.Library.Events Namespace](#)

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AppConfigEventArgs...Connections Property

Namespace: [Gwn.Common.Library.Events](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public ConnectionStringSettingsCollection ConnectionStrings { get; s
```


See Also

[AppConfigEventArgs Class](#)

[Gwn.Common.Library.Events Namespace](#)

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AppConfigEventArgs...:..Environment Property

Namespace: [Gwn.Common.Library.Events](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public string Environment { get; set; }
```

See Also

[AppConfigEventArgs Class](#)

[Gwn.Common.Library.Events Namespace](#)

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AppConfigEventArgs...Settings Property

Namespace: [Gwn.Common.Library.Events](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public List<Setting> Settings { get; set; }
```

See Also

[AppConfigEventArgs Class](#)

[Gwn.Common.Library.Events Namespace](#)

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AppConfigEventArgs...UnitySection Property

Namespace: [Gwn.Common.Library.Events](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public Object UnitySection { get; set; }
```

See Also

[AppConfigEventArgs Class](#)

[Gwn.Common.Library.Events Namespace](#)

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SettingsEventArgs Class

Namespace: [Gwn.Common.Library.Events](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public class SettingsEventArgs : EventArgs
```

Inheritance Hierarchy

[Object](#)

[EventArgs](#)

Gwn.Common.Library.Events.....SettingsEventArgs

See Also

[SettingsEventArgs Members](#)

[Gwn.Common.Library.Events Namespace](#)

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SettingsEventArgs Members

The [SettingsEventArgs](#) type exposes the following members.

Constructors

Name	Description
 SettingsEventArgs	

Properties

Name	Description
 IsUniqueSetting	
 Key	
 Value	

See Also

[SettingsEventArgs Class](#)

[Gwn.Common.Library.Events Namespace](#)

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SettingsEventArgs Constructor

Namespace: [Gwn.Common.Library.Events](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public SettingsEventArgs(  
    string key,  
    Object value,  
    bool isUnique  
)
```

Parameters

key

Type: [String](#)

value

Type: [Object](#)

isUnique

Type: [Boolean](#)

See Also

[SettingsEventArgs Class](#)

[Gwn.Common.Library.Events Namespace](#)

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SettingsEventArgs Properties

The [SettingsEventArgs](#) type exposes the following members.

Properties

Name	Description
 IsUniqueSetting	
 Key	
 Value	

See Also

[SettingsEventArgs Class](#)

[Gwn.Common.Library.Events Namespace](#)

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SettingsEventArgs.IsUniqueSetting Property

Namespace: [Gwn.Common.Library.Events](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public bool IsUniqueSetting { get; set; }
```

See Also

[SettingsEventArgs Class](#)

[Gwn.Common.Library.Events Namespace](#)

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SettingsEventArgs...Key Property

Namespace: [Gwn.Common.Library.Events](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public string Key { get; set; }
```

See Also

[SettingsEventArgs Class](#)

[Gwn.Common.Library.Events Namespace](#)

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SettingsEventArgs...Value Property

Namespace: [Gwn.Common.Library.Events](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public Object Value { get; set; }
```


See Also

[SettingsEventArgs Class](#)

[Gwn.Common.Library.Events Namespace](#)

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Gwn.Common.Library.Extensions Namespace

Classes

Class	Description
 ObjectExtensions	Class ObjectExtensions. Extensions to .NET object

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ObjectExtensions Class

Class ObjectExtensions. Extensions to .NET object

Namespace: [Gwn.Common.Library.Extensions](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public static class ObjectExtensions
```

Inheritance Hierarchy

[Object](#)

Gwn.Common.Library.Extensions...:..ObjectExtensions

See Also

[ObjectExtensions Members](#)

[Gwn.Common.Library.Extensions Namespace](#)


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ObjectExtensions Members

The [ObjectExtensions](#) type exposes the following members.

Methods

Name	Description
 Cast<(Of <<'(T)>>>>	Casts the specified object to T. The isRequired parameter defaults to true and is not required.

See Also

[ObjectExtensions Class](#)

[Gwn.Common.Library.Extensions Namespace](#)


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ObjectExtensions Methods

The [ObjectExtensions](#) type exposes the following members.

Methods

Name	Description
 Cast<(Of <<'(T)>>>>	Casts the specified object to T. The isRequired parameter defaults to true and is not required.

See Also

[ObjectExtensions Class](#)

[Gwn.Common.Library.Extensions Namespace](#)

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ObjectExtensions...::..Cast<(Of <(<'T>)>)> Method

Casts the specified object to T. The isRequired parameter defaults to true and is not required.

Namespace: [Gwn.Common.Library.Extensions](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public static T Cast<T>(
    Object objectToCast,
    bool isRequired
)
```

Type Parameters

T

Parameters

objectToCast

Type: [Object](#)

The object to cast.

isRequired

Type: [Boolean](#)

if set to true [is required].

Return Value

typeof(T). Returns null if invalid cast unless isRequired is true; if true an invalid cast will throw an argument not null exception

See Also

[ObjectExtensions Class](#)





[Gwn.Common.Library.Extensions Namespace](#)

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Gwn.Common.Library.Implementatio Namespace

Classes

Class	Description
 DefaultBootstrapper	
 DefaultConfiguration	Class DefaultConfiguration. Implements IGwnConfiguration - this contract expects a populated EventArgs type to be returned.
 DefaultLogger	
 DefaultSettings	

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DefaultBootstrapper Class

Namespace: [Gwn.Common.Library.Implementation](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public class DefaultBootstrapper : IGwnBootstrapper
```

Inheritance Hierarchy

[Object](#)

Gwn.Common.Library.Implementation...DefaultBootstrapper

See Also

[DefaultBootstrapper Members](#)

[Gwn.Common.Library.Implementation Namespace](#)

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DefaultBootstrapper Members

The [DefaultBootstrapper](#) type exposes the following members.

Methods

Name	Description
◆ Initialize<(Of <<'(T)>>>	
◆ Run<(Of <<'(T)>>>	

Properties

Name	Description
 IocContainer	

See Also

[DefaultBootstrapper Class](#)

[Gwn.Common.Library.Implementation Namespace](#)

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DefaultBootstrapper Methods

The [DefaultBootstrapper](#) type exposes the following members.

Methods

Name	Description
◆ Initialize<(Of <<'(T)>>>	
◆ Run<(Of <<'(T)>>>	

See Also

[DefaultBootstrapper Class](#)

[Gwn.Common.Library.Implementation Namespace](#)

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DefaultBootstrapper...Initialize<(Of <<'T'>>)> Method

Namespace: [Gwn.Common.Library.Implementation](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public T Initialize<T>(
    Object sender,
    EventArgs e
)
```

Type Parameters

T

Parameters

sender

Type: [Object](#)

e

Type: [EventArgs](#)

See Also

[DefaultBootstrapper Class](#)

[Gwn.Common.Library.Implementation Namespace](#)

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DefaultBootstrapper...:..Run<(Of <(<'T>)>)> Method

Namespace: [Gwn.Common.Library.Implementation](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public T Run<T>(
    Object sender,
    EventArgs e
)
```

Type Parameters

T

Parameters

sender

Type: [Object](#)

e

Type: [EventArgs](#)

See Also

[DefaultBootstrapper Class](#)

[Gwn.Common.Library.Implementation Namespace](#)


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DefaultBootstrapper Properties

The [DefaultBootstrapper](#) type exposes the following members.

Properties

Name	Description
 IocContainer	

See Also

[DefaultBootstrapper Class](#)

[Gwn.Common.Library.Implementation Namespace](#)

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DefaultBootstrapper...:..IoCContainer Property

Namespace: [Gwn.Common.Library.Implementation](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public IUnityContainer IocContainer { get; set; }
```


See Also

[DefaultBootstrapper Class](#)

[Gwn.Common.Library.Implementation Namespace](#)

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DefaultConfiguration Class

Class DefaultConfiguration. Implements IGwnConfiguration - this contract expects a populated EventArgs type to be returned.

Namespace: [Gwn.Common.Library.Implementation](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public class DefaultConfiguration : IGwnConfiguration
```

Inheritance Hierarchy

[Object](#)

Gwn.Common.Library.Implementation...DefaultConfiguration

See Also

[DefaultConfiguration Members](#)

[Gwn.Common.Library.Implementation Namespace](#)

[Gwn.Common.Library.Interfaces.....IGwnConfiguration](#)

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DefaultConfiguration Members

The [DefaultConfiguration](#) type exposes the following members.

Methods

Name	Description
◆ Initialize<(Of <<'(T)>>>>	Initializes the specified sender.
◆ SetSystemSettingsIfExists	

See Also

[DefaultConfiguration Class](#)

[Gwn.Common.Library.Implementation Namespace](#)

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DefaultConfiguration Methods

The [DefaultConfiguration](#) type exposes the following members.

Methods

Name	Description
◆ Initialize<(Of <<'(T)>>>>	Initializes the specified sender.
◆ SetSystemSettingsIfExists	

See Also

[DefaultConfiguration Class](#)

[Gwn.Common.Library.Implementation Namespace](#)

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DefaultConfiguration..:..Initialize<(O <(<'T>)>)> Method

Initializes the specified sender.

Namespace: [Gwn.Common.Library.Implementation](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public T Initialize<T>(
    Object sender,
    EventArgs e
)
```

Type Parameters

T

Parameters

sender

Type: [Object](#)

The sender.

e

Type: [EventArgs](#)

The [EventArgs](#) instance containing the event data.

Return Value

T.

See Also

[DefaultConfiguration Class](#)

[Gwn.Common.Library.Implementation Namespace](#)

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DefaultConfiguration...::SetSystemSe Method

Namespace: [Gwn.Common.Library.Implementation](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public void SetSystemSettingsIfExists()
```


See Also

[DefaultConfiguration Class](#)

[Gwn.Common.Library.Implementation Namespace](#)

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DefaultLogger Class

Namespace: [Gwn.Common.Library.Implementation](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public class DefaultLogger : IGwnLogger
```

Inheritance Hierarchy

[Object](#)

Gwn.Common.Library.Implementation...DefaultLogger

See Also

[DefaultLogger Members](#)

[Gwn.Common.Library.Implementation Namespace](#)

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DefaultLogger Members

The [DefaultLogger](#) type exposes the following members.

Methods

Name Description

⇒ [Log](#)

See Also

[DefaultLogger Class](#)

[Gwn.Common.Library.Implementation Namespace](#)

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DefaultLogger Methods

The [DefaultLogger](#) type exposes the following members.

Methods

Name Description

⇒ [Log](#)

See Also

[DefaultLogger Class](#)

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DefaultLogger...:..Log Method

Namespace: [Gwn.Common.Library.Implementation](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public void Log(  
    string message,  
    Category category,  
    Priority priority  
)
```

Parameters

message

Type: [String](#)

category

Type: Category

priority

Type: Priority

See Also

[DefaultLogger Class](#)

[Gwn.Common.Library.Implementation Namespace](#)

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DefaultSettings Class

Namespace: [Gwn.Common.Library.Implementation](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public class DefaultSettings : SettingsBase
```


Inheritance Hierarchy

[Object](#)

[Gwn.Common.Library.Base...SettingsBase](#)

[Gwn.Common.Library.Implementation...DefaultSettings](#)

See Also

[AllMembers.T:Gwn.Common.Library.Implementation.DefaultSettings]
Members
[Gwn.Common.Library.Implementation Namespace](#)

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Gwn.Common.Library.Interfaces Namespace

Interfaces

Interface	Description
IGwnBootstrapper	
IGwnConfiguration	
IGwnInitialize	Interface IGwnInitialize
IGwnLogger	
IGwnProcessor	Interface IGwnProcessor
IGwnSettings	
ISettingConfiguration	Interface ISettingConfiguration - extensible configuration settings for configuration file.
ISystemSettingsConfiguration	Interface ISettingCollectionConfiguration

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IGwnBootstrapper Interface

Namespace: [Gwn.Common.Library.Interfaces](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public interface IGwnBootstrapper : IGwnInitialize
```

See Also

[IGwnBootstrapper Members](#)

[Gwn.Common.Library.Interfaces Namespace](#)


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IGwnBootstrapper Members

The [IGwnBootstrapper](#) type exposes the following members.

Methods

Name	Description
 Run<(Of <<'(T)>>>	

See Also

[IGwnBootstrapper Interface](#)

[Gwn.Common.Library.Interfaces Namespace](#)


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IGwnBootstrapper Methods

The [IGwnBootstrapper](#) type exposes the following members.

Methods

Name	Description
 Run<(Of <<'(T)>>>	

See Also

[IGwnBootstrapper Interface](#)

[Gwn.Common.Library.Interfaces Namespace](#)

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IGwnBootstrapper...::Run<(Of <(<'T>)>)> Method

Namespace: [Gwn.Common.Library.Interfaces](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
T Run<T>(
    Object sender,
    EventArgs e
)
```

Type Parameters

T

Parameters

sender

Type: [Object](#)

e

Type: [EventArgs](#)

See Also

[IGwnBootstrapper Interface](#)

[Gwn.Common.Library.Interfaces Namespace](#)

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IGwnConfiguration Interface

Namespace: [Gwn.Common.Library.Interfaces](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public interface IGwnConfiguration : IGwnInitialize
```

See Also

[Gwn.Common.Library.Interfaces Namespace](#)

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IGwnInitialize Interface

Interface IGwnInitialize

Namespace: [Gwn.Common.Library.Interfaces](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public interface IGwnInitialize
```

See Also

[IGwnInitialize Members](#)

[Gwn.Common.Library.Interfaces Namespace](#)

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IGwnInitialize Members

The [IGwnInitialize](#) type exposes the following members.

Methods

Name	Description
✦ Initialize<(Of <<'(T)>>>	Initializes the specified sender.

See Also

[IGwnInitialize Interface](#)

[Gwn.Common.Library.Interfaces Namespace](#)

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IGwnInitialize Methods

The [IGwnInitialize](#) type exposes the following members.

Methods

Name	Description
✦ Initialize<(Of <<'T>>>)	Initializes the specified sender.

See Also

[IGwnInitialize Interface](#)

[Gwn.Common.Library.Interfaces Namespace](#)

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IGwnInitialize...::Initialize<(Of <<'T>>)> Method

Initializes the specified sender.

Namespace: [Gwn.Common.Library.Interfaces](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
T Initialize<T>(
    Object sender,
    EventArgs e
)
```

Type Parameters

T

Parameters

sender

Type: [Object](#)

The sender.

e

Type: [EventArgs](#)

The [EventArgs](#) instance containing the event data.

Return Value

T.

See Also

[IGwnInitialize Interface](#)

[Gwn.Common.Library.Interfaces Namespace](#)

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IGwnLogger Interface

Namespace: [Gwn.Common.Library.Interfaces](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public interface IGwnLogger : ILoggerFacade
```

See Also

[Gwn.Common.Library.Interfaces Namespace](#)

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IGwnProcessor Interface

Interface IGwnProcessor

Namespace: [Gwn.Common.Library.Interfaces](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public interface IGwnProcessor : IGwnInitialize
```

See Also

[IGwnProcessor Members](#)

[Gwn.Common.Library.Interfaces Namespace](#)


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IGwnProcessor Members

The [IGwnProcessor](#) type exposes the following members.

Methods

Name	Description
 Process<(Of <<'(T)>>>>	Runs this instance.

See Also

[IGwnProcessor Interface](#)

[Gwn.Common.Library.Interfaces Namespace](#)


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IGwnProcessor Methods

The [IGwnProcessor](#) type exposes the following members.

Methods

Name	Description
 Process<(Of <<'(T)>>>>	Runs this instance.

See Also

[IGwnProcessor Interface](#)

[Gwn.Common.Library.Interfaces Namespace](#)

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IGwnProcessor...Process<(Of <(<'T>)>)> Method

Runs this instance.

Namespace: [Gwn.Common.Library.Interfaces](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
T Process<T>(
    Object sender,
    EventArgs e
)
```

Type Parameters

T

Parameters

sender

Type: [Object](#)

e

Type: [EventArgs](#)

See Also

[IGwnProcessor Interface](#)

[Gwn.Common.Library.Interfaces Namespace](#)

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IGwnSettings Interface

Namespace: [Gwn.Common.Library.Interfaces](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public interface IGwnSettings : IGwnInitialize
```


See Also

[IGwnSettings Members](#)

[Gwn.Common.Library.Interfaces Namespace](#)

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IGwnSettings Members

The [IGwnSettings](#) type exposes the following members.

Methods

Name	Description
◆ GetSetting<(Of <<'(T)>>>	
◆ SetSetting<(Of <<'(T)>>>	

See Also

[IGwnSettings Interface](#)

[Gwn.Common.Library.Interfaces Namespace](#)

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IGwnSettings Methods

The [IGwnSettings](#) type exposes the following members.

Methods

Name	Description
◆ GetSetting<(Of <<'(T)>>>	
◆ SetSetting<(Of <<'(T)>>>	

See Also

[IGwnSettings Interface](#)

[Gwn.Common.Library.Interfaces Namespace](#)

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IGwnSettings...::GetSetting<(Of <(<'T>)>)> Method

Namespace: [Gwn.Common.Library.Interfaces](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
T GetSetting<T>(
    Object sender,
    EventArgs e
)
```

Type Parameters

T

Parameters

sender

Type: [Object](#)

e

Type: [EventArgs](#)

See Also

[IGwnSettings Interface](#)

[Gwn.Common.Library.Interfaces Namespace](#)

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IGwnSettings...::SetSetting<(Of <(<'T>)>)> Method

Namespace: [Gwn.Common.Library.Interfaces](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
T SetSetting<T>(
    Object sender,
    EventArgs e
)
```

Type Parameters

T

Parameters

sender

Type: [Object](#)

e

Type: [EventArgs](#)

See Also

[IGwnSettings Interface](#)

[Gwn.Common.Library.Interfaces Namespace](#)

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ISettingConfiguration Interface

Interface ISettingConfiguration - extensible configuration settings for configuration file.

Namespace: [Gwn.Common.Library.Interfaces](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public interface ISettingConfiguration
```

See Also




[ISettingConfiguration Members](#)
[Gwn.Common.Library.Interfaces Namespace](#)

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ISettingConfiguration Members

The [ISettingConfiguration](#) type exposes the following members.

Properties

Name	Description
 Environment	Gets the environment.
 Key	Gets the key.
 Value	Gets the value.

See Also




[ISettingConfiguration Interface](#)
[Gwn.Common.Library.Interfaces Namespace](#)

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ISettingConfiguration Properties

The [ISettingConfiguration](#) type exposes the following members.

Properties

Name	Description
 Environment	Gets the environment.
 Key	Gets the key.
 Value	Gets the value.

See Also

[ISettingConfiguration Interface](#)
[Gwn.Common.Library.Interfaces Namespace](#)

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ISettingConfiguration...:..Environment Property

Gets the environment.

Namespace: [Gwn.Common.Library.Interfaces](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
string Environment { get; }
```

Field Value

The environment.

See Also

[ISettingConfiguration Interface](#)
[Gwn.Common.Library.Interfaces Namespace](#)

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ISettingConfiguration...:..Key Property

Gets the key.

Namespace: [Gwn.Common.Library.Interfaces](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
string Key { get; }
```

Field Value

The key.

See Also

[ISettingConfiguration Interface](#)
[Gwn.Common.Library.Interfaces Namespace](#)

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ISettingConfiguration...Value Property

Gets the value.

Namespace: [Gwn.Common.Library.Interfaces](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
string Value { get; }
```

Field Value

The value.

See Also

[ISettingConfiguration Interface](#)
[Gwn.Common.Library.Interfaces Namespace](#)

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ISystemSettingsConfiguration Interface

Interface ISettingCollectionConfiguration

Namespace: [Gwn.Common.Library.Interfaces](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public interface ISystemSettingsConfiguration
```

See Also

[ISystemSettingsConfiguration Members](#)
[Gwn.Common.Library.Interfaces Namespace](#)



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ISystemSettingsConfiguration

Members

The [ISystemSettingsConfiguration](#) type exposes the following members.

Properties

Name	Description
 Environment	Gets the environment.
 Settings	Gets the settings.

See Also



[ISystemSettingsConfiguration Interface](#)
[Gwn.Common.Library.Interfaces Namespace](#)

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ISystemSettingsConfiguration Properties

The [ISystemSettingsConfiguration](#) type exposes the following members.

Properties

Name	Description
 Environment	Gets the environment.
 Settings	Gets the settings.

See Also

[ISystemSettingsConfiguration Interface](#)
[Gwn.Common.Library.Interfaces Namespace](#)

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ISystemSettingsConfiguration...Env Property

Gets the environment.

Namespace: [Gwn.Common.Library.Interfaces](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
string Environment { get; }
```

Field Value

The environment.

See Also

[ISystemSettingsConfiguration Interface](#)
[Gwn.Common.Library.Interfaces Namespace](#)

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ISystemSettingsConfiguration...::Sett Property

Gets the settings.

Namespace: [Gwn.Common.Library.Interfaces](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
IEnumerable<ISettingConfiguration> Settings { get; }
```

Field Value

The settings.

See Also

[ISystemSettingsConfiguration Interface](#)
[Gwn.Common.Library.Interfaces Namespace](#)

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Gwn.Common.Library.NoConfig.Test Namespace

Classes

Class	Description
-------	-------------

 UnitTest1	
---	--

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UnitTest1 Class

Namespace: [Gwn.Common.Library.NoConfig.Tests](#)

Assembly: Gwn.Common.Library.NoConfig.Tests (in
Gwn.Common.Library.NoConfig.Tests.dll)

Syntax

[C#](#)

```
[TestClassAttribute]  
public class UnitTest1
```

Inheritance Hierarchy

[Object](#)

Gwn.Common.Library.NoConfig.Tests...:..UnitTest1

See Also

[UnitTest1 Members](#)

[Gwn.Common.Library.NoConfig.Tests Namespace](#)

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UnitTest1 Members

The [UnitTest1](#) type exposes the following members.

Methods

Name	Description
☞ TestMethod1	

See Also

[UnitTest1 Class](#)

[Gwn.Common.Library.NoConfig.Tests Namespace](#)

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UnitTest1 Methods

The [UnitTest1](#) type exposes the following members.

Methods

Name	Description
✦ TestMethod1	

See Also

[UnitTest1 Class](#)

[Gwn.Common.Library.NoConfig.Tests Namespace](#)

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UnitTest1...::TestMethod1 Method

Namespace: [Gwn.Common.Library.NoConfig.Tests](#)

Assembly: Gwn.Common.Library.NoConfig.Tests (in
Gwn.Common.Library.NoConfig.Tests.dll)

Syntax

[C#](#)

```
[TestMethodAttribute]  
public void TestMethod1()
```

See Also

[UnitTest1 Class](#)


[Gwn.Common.Library.NoConfig.Tests Namespace](#)

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Gwn.Common.Library.NoConfig.Test Namespace

Classes

Class	Description
 NoUnityConfigurationFixture	

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NoUnityConfigurationFixture Class

Namespace: [Gwn.Common.Library.NoConfig.Tests.Fixtures](#)

Assembly: Gwn.Common.Library.NoConfig.Tests (in
Gwn.Common.Library.NoConfig.Tests.dll)

Syntax

[C#](#)

```
[TestClassAttribute]  
public class NoUnityConfigurationFixture
```

Inheritance Hierarchy

[Object](#)

Gwn.Common.Library.NoConfig.Tests.Fixtures...:..NoUnityConfigurationFixtu

See Also

[NoUnityConfigurationFixture Members](#)

[Gwn.Common.Library.NoConfig.Tests.Fixtures Namespace](#)

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NoUnityConfigurationFixture

Members

The [NoUnityConfigurationFixture](#) type exposes the following members.

Methods

Name	Description
 CanInitializeWithAppConfigSettings	

See Also

[NoUnityConfigurationFixture Class](#)

[Gwn.Common.Library.NoConfig.Tests.Fixtures Namespace](#)

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NoUnityConfigurationFixture

Methods

The [NoUnityConfigurationFixture](#) type exposes the following members.

Methods

Name	Description
 CanInitializeWithAppConfigSettings	

See Also

[NoUnityConfigurationFixture Class](#)

[Gwn.Common.Library.NoConfig.Tests.Fixtures Namespace](#)

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NoUnityConfigurationFixture...Can Method

Namespace: [Gwn.Common.Library.NoConfig.Tests.Fixtures](#)

Assembly: Gwn.Common.Library.NoConfig.Tests (in
Gwn.Common.Library.NoConfig.Tests.dll)

Syntax

[C#](#)

```
[TestMethodAttribute]  
public void CanInitializeWithAppConfigSettings()
```

See Also

[NoUnityConfigurationFixture Class](#)

[Gwn.Common.Library.NoConfig.Tests.Fixtures Namespace](#)

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Gwn.Common.Library.Types

Namespace

Classes

Class Description

 [Lifetime](#)

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Lifetime Class

Namespace: [Gwn.Common.Library.Types](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public class Lifetime
```


Inheritance Hierarchy

[Object](#)

Gwn.Common.Library.Types...:..Lifetime

See Also

[Lifetime Members](#)

[Gwn.Common.Library.Types Namespace](#)

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Lifetime Members

The [Lifetime](#) type exposes the following members.

Properties

	Name	Description
	s	Singleton

See Also

[Lifetime Class](#)

[Gwn.Common.Library.Types Namespace](#)

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Lifetime Properties

The [Lifetime](#) type exposes the following members.

Properties

Name	Description
------	-------------

 s Singleton	
--	--

See Also

[Lifetime Class](#)

[Gwn.Common.Library.Types Namespace](#)

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Lifetime...::Singleton Property

Namespace: [Gwn.Common.Library.Types](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public static ContainerControlledLifetimeManager Singleton { get; }
```

See Also

[Lifetime Class](#)



[Gwn.Common.Library.Types Namespace](#)

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Gwn.Common.Library.Utility Namespace

Classes

Class	Description
 Guard	A static helper class that includes various parameter checking routines.
 StringCipherExtensions	Class StringCipher. https://stackoverflow.com/questions/10168240/encrypting-a-string-in-c-sharp

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Guard Class

A static helper class that includes various parameter checking routines.

Namespace: [Gwn.Common.Library.Utility](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public static class Guard
```

Inheritance Hierarchy

[Object](#)

Gwn.Common.Library.Utility.....Guard

See Also

[Guard Members](#)

[Gwn.Common.Library.Utility Namespace](#)





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Guard Members

The [Guard](#) type exposes the following members.

Methods

Name	Description
 ArgumentNotNull	Throws ArgumentNullException if the given argument is null.
 ArgumentNotNullOrEmpty	Throws an exception if the tested string argument is null or the empty string.
 InstanceIsAssignable	Verifies that an argument instance is assignable from the provided type (meaning interfaces are implemented, or classes exist in the base class hierarchy, or instance can be assigned through a runtime wrapper, as is the case for COM Objects).
 TypeIsAssignable	Verifies that an argument type is assignable from the provided type (meaning interfaces are implemented, or classes exist in the base class hierarchy).

See Also

[Guard Class](#)

[Gwn.Common.Library.Utility Namespace](#)





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Guard Methods

The [Guard](#) type exposes the following members.

Methods

Name	Description
 ArgumentNotNull	Throws ArgumentNullException if the given argument is null.
 ArgumentNotNullOrEmpty	Throws an exception if the tested string argument is null or the empty string.
 InstanceIsAssignable	Verifies that an argument instance is assignable from the provided type (meaning interfaces are implemented, or classes exist in the base class hierarchy, or instance can be assigned through a runtime wrapper, as is the case for COM Objects).
 TypeIsAssignable	Verifies that an argument type is assignable from the provided type (meaning interfaces are implemented, or classes exist in the base class hierarchy).

See Also

[Guard Class](#)

[Gwn.Common.Library.Utility Namespace](#)

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Guard...::ArgumentNotNull Method

Throws [ArgumentNullException](#) if the given argument is null.

Namespace: [Gwn.Common.Library.Utility](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public static void ArgumentNotNull(  
    Object argumentValue,  
    string argumentName  
)
```

Parameters

argumentValue

Type: [Object](#)

Argument value to test.

argumentName

Type: [String](#)

Name of the argument being tested.

Exceptions

Exception	Condition
ArgumentNullException	if tested value is null.

See Also

[Guard Class](#)

[Gwn.Common.Library.Utility Namespace](#)

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Guard...::...ArgumentNotNullOrEmpty Method

Throws an exception if the tested string argument is null or the empty string.

Namespace: [Gwn.Common.Library.Utility](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public static void ArgumentNotNullOrEmpty(  
    string argumentValue,  
    string argumentName  
)
```

Parameters

argumentValue

Type: [String](#)

Argument value to check.

argumentName

Type: [String](#)

Name of argument being checked.

Exceptions

Exception	Condition
ArgumentNullException	Thrown if string value is null.
ArgumentException	Thrown if the string is empty

See Also

[Guard Class](#)

[Gwn.Common.Library.Utility Namespace](#)

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Guard...InstanceIsAssignable Method

Verifies that an argument instance is assignable from the provided type (meaning interfaces are implemented, or classes exist in the base class hierarchy, or instance can be assigned through a runtime wrapper, as is the case for COM Objects).

Namespace: [Gwn.Common.Library.Utility](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public static void InstanceIsAssignable(  
    Type assignmentTargetType,  
    Object assignmentInstance,  
    string argumentName  
)
```

Parameters

assignmentTargetType

Type: [Type](#)

The argument type that will be assigned to.

assignmentInstance

Type: [Object](#)

The instance that will be assigned.

argumentName

Type: [String](#)

Argument name.

See Also

[Guard Class](#)

[Gwn.Common.Library.Utility Namespace](#)

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Guard...::TypeIsAssignable Method

Verifies that an argument type is assignable from the provided type (meaning interfaces are implemented, or classes exist in the base class hierarchy).

Namespace: [Gwn.Common.Library.Utility](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public static void TypeIsAssignable(  
    Type assignmentTargetType,  
    Type assignmentValueType,  
    string argumentName  
)
```

Parameters

assignmentTargetType

Type: [Type](#)

The argument type that will be assigned to.

assignmentValueType

Type: [Type](#)

The type of the value being assigned.

argumentName

Type: [String](#)

Argument name.

See Also

[Guard Class](#)

[Gwn.Common.Library.Utility Namespace](#)

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StringCipherExtensions Class

Class StringCipher. <https://stackoverflow.com/questions/10168240/encrypting-decrypting-a-string-in-c-sharp>

Namespace: [Gwn.Common.Library.Utility](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public static class StringCipherExtensions
```

Inheritance Hierarchy

[Object](#)

Gwn.Common.Library.Utility.....StringCipherExtensions

See Also

[StringCipherExtensions Members](#)

[Gwn.Common.Library.Utility Namespace](#)

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StringCipherExtensions Members

The [StringCipherExtensions](#) type exposes the following members.

Methods

Name	Description
=◆ S Decrypt	Decrypts the specified pass phrase.
=◆ S Encrypt	Encrypts the specified pass phrase.

See Also

[StringCipherExtensions Class](#)

[Gwn.Common.Library.Utility Namespace](#)

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StringCipherExtensions Methods

The [StringCipherExtensions](#) type exposes the following members.

Methods

Name	Description
=◆ S Decrypt	Decrypts the specified pass phrase.
=◆ S Encrypt	Encrypts the specified pass phrase.

See Also

[StringCipherExtensions Class](#)

[Gwn.Common.Library.Utility Namespace](#)

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StringCipherExtensions...:..Decrypt Method

Decrypts the specified pass phrase.

Namespace: [Gwn.Common.Library.Utility](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public static string Decrypt(  
    string cipherText,  
    string passphrase  
)
```

Parameters

cipherText

Type: [String](#)

The cipher text.

passPhrase

Type: [String](#)

The pass phrase.

Return Value

System.String.

See Also

[StringCipherExtensions Class](#)

[Gwn.Common.Library.Utility Namespace](#)

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StringCipherExtensions...Encrypt Method

Encrypts the specified pass phrase.

Namespace: [Gwn.Common.Library.Utility](#)

Assembly: Gwn.Common.Library (in Gwn.Common.Library.dll)

Syntax

[C#](#)

```
public static string Encrypt(  
    string plainText,  
    string passPhrase  
)
```

Parameters

plainText

Type: [String](#)

The plain text.

passPhrase

Type: [String](#)

The pass phrase.

Return Value

System.String.

See Also

[StringCipherExtensions Class](#)

[Gwn.Common.Library.Utility Namespace](#)

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