# com.tikumo.regis3 Namespace regdiff Code Documentation

The regis3 library contains a set of classes to read/write the registry, .REG files, .INI files and .XML files.

# **Classes**

	Class	Description
<b>9</b> \$	AbstractFileParser	This is a generic parser of file content. Both the .REG parser and the .INI parser are concrete implementations of this class. The basic idea is that the parser is always in a well-known state, and in each state only a subset of new states are allowed.
<b>4</b> 3	DataMismatch	When comparing two registry files, this class identifies a mismatch in the data of two registry values that are located in the same key path.
<b>4</b> \$	KindMismatch	This is a helper class that represents a value that exists in both keys, but has different value kinds (and by definition different values) in each of them.
<b>4</b> \$	MissingValue	This is a helper class that represents a missing value in a key
4	RegDiff	This class takes two (named) registry keys and produces a set of differences between the two keys. In regis3, keys can be imported from different sources (the registry, a .REG file, an .XML file) and are represented in memory as RegKeyEntry trees. This class takes two such trees (independently of their origin) and compares them.
43	RegEnvReplace	This class supports replacing \$\$ variables in .REG files by dynamic content. When reading .REG files, you can use the syntax \$\$NAME\$\$ to defer resolution of names / content to runtime. At runtime, variables are declared either as environment variables or by reading them from .XML files / .INI files and replaced back in the registry.
<b>4</b> 3	RegFile	This is a helper class that takes a .REG filename (or the content of a .REG file) and identifies the correct parser. Parsers distinguish between Registry Format 4 (ANSI) and 5 (Unicode)

1		
43	RegFileExporter	This is an exporter that takes a RegKeyEntry and exports it. The class is abstract, because version 4 and version 5 have different text encoding, so you need a derived class to actually export the registry.
43	RegFileFormat4Exporter	Subclass of RegFileExporter for Version 4 files (=ANSI Encoding, Windows NT 4.0)
<b>4</b> 3	RegFileFormat4Importer	Importer for version 4 registry files
<b>4</b> \$	RegFileFormat5Exporter	Subclass of RegFileExporter for Version 5 files (=Unicode)
**	RegFileFormat5Importer	Importer for version 4 registry files
<b>9</b> \$	RegFileImporter	This is the importer for .REG files. The class is abstract, because version 4 and version 5 have different text encoding, so you need a derived class to actually import the registry.
<b>4</b> 3	RegFileParser	This is the default parser for .REG files. It takes a string as input and produces a valid registry tree from it.
43	Regis3	Static helper functions of general use when dealing with registry objects
<b>4</b> 3	RegistryImporter	This is the standard importer to read data from an existing registry (on the local machine, or on a remote machine).
43	RegistryImportRelativeToExistingRegKeyEntry	This is a special importer that is used when comparing .REG files to values in the registry: rather than specifying an actual registry key to import, only keys existing in the import key are read.
43	RegKeyEntry	This class represents a registry key in memory
<b>4</b> \$	RegValueEntry	This class represents a registry value in a
<b>4</b> \$	XmlRegFileExporter	This is an exporter that takes a registry key and exports it in XML format
	1	I .

# **Interfaces**

	Interface	Description
o <b>~</b> 0	IRegistryExporter	This is the export interface supported by all regis3 exporter functions: given a RegKeyEntry, create a file or a string.
<b>⊶</b> 0	IRegistryImporter	This is the import interface supported by all regis3 importer classes: get data from somewhere

# **Delegates**

	Delegate	Description	
	AbstractFileParser ExpectFunc	Callback definition for parser states	

# **Enumerations**

	Enumeration	Description
	RegFileImportOptions	Parser options for .REG files
	RegistryWriteOptions	Available options when exporting a RegKeyEntry tree back to the registry
	RegValueEntryKind	This class defines the known registry value types. It includes more types than the standard .Net enum RegistryValueKind

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### **AbstractFileParser Class**

regdiff Code Documentation

This is a generic parser of file content. Both the .REG parser and the .INI parser are concrete implementations of this class. The basic idea is that the parser is always in a well-known state, and in each state only a subset of new states are allowed.

# **Inheritance Hierarchy**

System Object com.tikumo.regis3 AbstractFileParser

com.tikumo.regis3.ini IniFileParser com.tikumo.regis3 RegFileParser

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

# **Syntax**



### See Also

AbstractFileParser Members com.tikumo.regis3 Namespace

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# **AbstractFileParser Members**

regdiff Code Documentation

The AbstractFileParser type exposes the following members.

## **Constructors**

	Name	Description
<u></u>	AbstractFileParser	Initializes a new instance of the AbstractFileParser class

# Back to Top

# **Methods**

	Name	Description
<b>*</b>	Parse	Start parsing the given content from an initial state
Ģ	SyntaxError	This function should be used to create SyntaxError exceptions. It provides a generic helptext as well as contextual information (such as line / column number, and file context) in the trace data. Typical use in a parser would be something like this: throw SyntaxError("error message goes here")

# Back to Top

# **Fields**

	Name	Description
9	Buffer	Buffer used by parser states to collect longer strings
<b>%</b>	ColumnNumber	Current column number
90	LineNumber	Current line number
<b>%</b>	ParserState	This is the current parser state. Derived classes initialize and maintain this.

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# **See Also**

AbstractFileParser Class com.tikumo.regis3 Namespace

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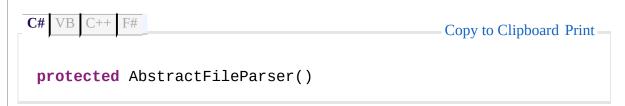
# AbstractFileParser Constructor regdiff Code Documentation

Initializes a new instance of the AbstractFileParser class

Namespace: com.tikumo.regis3

Assembly: regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

# **Syntax**



# **See Also**

AbstractFileParser Class AbstractFileParser Members com.tikumo.regis3 Namespace

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# **AbstractFileParser Fields**

regdiff Code Documentation

The AbstractFileParser type exposes the following members.

# **Fields**

	Name	Description
9	Buffer	Buffer used by parser states to collect longer strings
9	ColumnNumber	Current column number
9	LineNumber	Current line number
9	ParserState	This is the current parser state. Derived classes initialize and maintain this.

# Back to Top

# See Also

AbstractFileParser Class com.tikumo.regis3 Namespace

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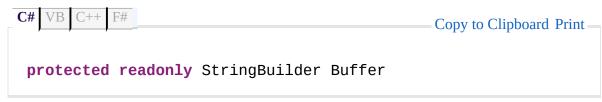
# **AbstractFileParser Buffer Field** regdiff Code Documentation

Buffer used by parser states to collect longer strings

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)





#### Field Value

Type: StringBuilder

# **See Also**

AbstractFileParser Class

AbstractFileParser Members

com.tikumo.regis3 Namespace

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# **AbstractFileParser ColumnNumber Field**

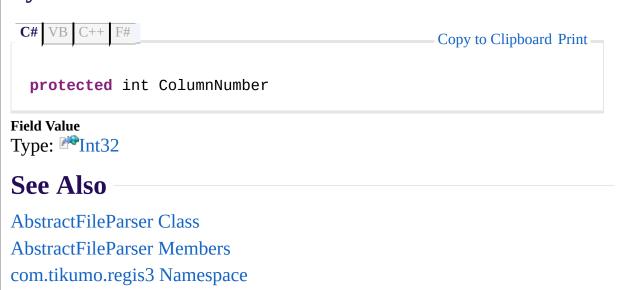
regdiff Code Documentation

Current column number

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

# **Syntax**



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# **AbstractFileParser LineNumber Field**

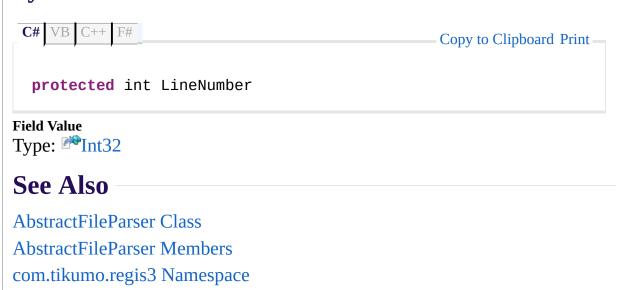
regdiff Code Documentation

Current line number

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

# **Syntax**



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# **AbstractFileParser ParserState Field**

regdiff Code Documentation

This is the current parser state. Derived classes initialize and maintain this.

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

# **Syntax**



#### **Field Value**

Type: AbstractFileParser ExpectFunc

## **See Also**

AbstractFileParser Class AbstractFileParser Members com.tikumo.regis3 Namespace

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# **AbstractFileParser Methods**

regdiff Code Documentation

The AbstractFileParser type exposes the following members.

# **Methods**

	Name	Description
9	Parse	Start parsing the given content from an initial state
9	SyntaxError	This function should be used to create SyntaxError exceptions. It provides a generic helptext as well as contextual information (such as line / column number, and file context) in the trace data. Typical use in a parser would be something like this: throw SyntaxError("error message goes here")

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# **See Also**

AbstractFileParser Class com.tikumo.regis3 Namespace

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# AbstractFileParser Parse Method

regdiff Code Documentation

Start parsing the given content from an initial state

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

# **Syntax**

```
C# VB C++ F#

protected void Parse(
    string content,
    AbstractFileParser..::..ExpectFunc initialFunc
)
```

#### **Parameters**

content

Type: System String

Text content

initialFunc

Type: com.tikumo.regis3 AbstractFileParser ExpectFunc

Initial parser state

## **See Also**

AbstractFileParser Class AbstractFileParser Members com.tikumo.regis3 Namespace

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# AbstractFileParser SyntaxError Method

regdiff Code Documentation

This function should be used to create SyntaxError exceptions. It provides a generic helptext as well as contextual information (such as line / column number, and file context) in the trace data. Typical use in a parser would be something like this: throw SyntaxError("error message goes here")

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

# **Syntax**

```
C# VB C++ F#

protected Exception SyntaxError(
    string context,
    params Object[] args
)
```

#### **Parameters**

context

Type: System String

Context pattern

args

Type: System Object

Context arguments

#### **Return Value**

Type: Exception

 $A\ System. Data. Syntax Error Exception\ exception$ 

# **See Also**

AbstractFileParser Class AbstractFileParser Members com.tikumo.regis3 Namespace

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# AbstractFileParser ExpectFunc Delegate

regdiff Code Documentation

Callback definition for parser states

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

# **Syntax**

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### **DataMismatch Class**

regdiff Code Documentation

When comparing two registry files, this class identifies a mismatch in the data of two registry values that are located in the same key path.

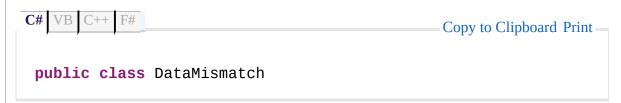
# **Inheritance Hierarchy**

System Object com.tikumo.regis3 DataMismatch

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

# **Syntax**



# **See Also**

DataMismatch Members com.tikumo.regis3 Namespace

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# **DataMismatch Members**

regdiff Code Documentation

The DataMismatch type exposes the following members.

# **Constructors**

	Name	Description
<b>≡</b>		This constructor identifies a mismatch in the data of two registry values that are located in the same key path.

### Back to Top

## **Fields**

	Name	Description
•	Key	Parent registry key path (by definition, the same in both registry trees)
•	Value1	Data in first registry file
•	Value2	Data in the second registry file

# Back to Top

# **See Also**

DataMismatch Class com.tikumo.regis3 Namespace

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### **DataMismatch Constructor**

regdiff Code Documentation

This constructor identifies a mismatch in the data of two registry values that are located in the same key path.

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

# **Syntax**

```
C# VB C++ F#

public DataMismatch(
    RegKeyEntry key,
    RegValueEntry value1,
    RegValueEntry value2
)
```

#### **Parameters**

key

Type: com.tikumo.regis3 RegKeyEntry

Parent registry key path (by definition, the same in both registry trees)

value1

Type: com.tikumo.regis3 RegValueEntry

Data in first registry file

value2

Type: com.tikumo.regis3 RegValueEntry

Data in the second registry file

# **See Also**

**DataMismatch Class** 

**DataMismatch Members** 

com.tikumo.regis3 Namespace

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# **DataMismatch Fields**

regdiff Code Documentation

The DataMismatch type exposes the following members.

# **Fields**

	Name	Description
•	Key	Parent registry key path (by definition, the same in both registry trees)
•	Value1 Data in first registry file	
•	Value2	Data in the second registry file

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# See Also

DataMismatch Class com.tikumo.regis3 Namespace

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# **DataMismatch Key Field**

regdiff Code Documentation

Parent registry key path (by definition, the same in both registry trees)

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

# **Syntax**



#### Field Value

Type: RegKeyEntry

## **See Also**

**DataMismatch Class** 

**DataMismatch Members** 

com.tikumo.regis3 Namespace

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## **DataMismatch Value1 Field**

regdiff Code Documentation

Data in first registry file

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

# **Syntax**



#### Field Value

Type: RegValueEntry

## **See Also**

**DataMismatch Class** 

**DataMismatch Members** 

com.tikumo.regis3 Namespace

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## **DataMismatch Value2 Field**

regdiff Code Documentation

Data in the second registry file

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

# **Syntax**



#### Field Value

Type: RegValueEntry

## **See Also**

**DataMismatch Class** 

**DataMismatch Members** 

com.tikumo.regis3 Namespace

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# **IRegistryExporter Interface**

regdiff Code Documentation

This is the export interface supported by all regis3 exporter functions: given a RegKeyEntry, create a file or a string.

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

# **Syntax**



## **See Also**

IRegistryExporter Members com.tikumo.regis3 Namespace

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# **IRegistryExporter Members**

regdiff Code Documentation

# **Methods**

	Name	Description
<b>≡</b>	Export(RegKeyEntry, TextWriter)	Given a registry key description, write a file to a stream
=0	Export(RegKeyEntry, String)	Given a registry key description, create a file

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# **See Also**

IRegistryExporter Interface com.tikumo.regis3 Namespace

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# **IRegistryExporter Methods**

### regdiff Code Documentation

# **Methods**

		Name	Description
=	•	Export(RegKeyEntry, TextWriter)	Given a registry key description, write a file to a stream
=	•	Export(RegKeyEntry, String)	Given a registry key description, create a file

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# **See Also**

IRegistryExporter Interface com.tikumo.regis3 Namespace

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# IRegistryExporter Export Method

regdiff Code Documentation

# **Overload List**

	Name	Description
<b>≡</b>	Export(RegKeyEntry, TextWriter)	Given a registry key description, write a file to a stream
<b>≡</b>	Export(RegKeyEntry, String)	Given a registry key description, create a file

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# See Also

IRegistryExporter Interface IRegistryExporter Members com.tikumo.regis3 Namespace

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# IRegistryExporter Export Method (RegKeyEntry, TextWriter)

regdiff Code Documentation

Given a registry key description, write a file to a stream

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

# **Syntax**

```
C# VB C++ F#

void Export(
    RegKeyEntry key,
    TextWriter file
)
```

#### **Parameters**

key

Type: com.tikumo.regis3 RegKeyEntry

Existing registry key description

file

Type: System.IO TextWriter

Stream to be written to

## **See Also**

IRegistryExporter Interface IRegistryExporter Members Export Overload com.tikumo.regis3 Namespace

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# IRegistryExporter Export Method (RegKeyEntry, String)

regdiff Code Documentation

Given a registry key description, create a file

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

# **Syntax**

```
C# VB C++ F#

void Export(
    RegKeyEntry key,
    string filename
)
```

#### **Parameters**

key

Type: com.tikumo.regis3 RegKeyEntry

Existing registry key description

filename

Type: System String Filename to be created

## **See Also**

IRegistryExporter Interface IRegistryExporter Members Export Overload com.tikumo.regis3 Namespace

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# **IRegistryImporter Interface**

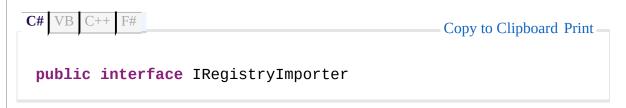
regdiff Code Documentation

This is the import interface supported by all regis3 importer classes: get data from somewhere

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

# **Syntax**



## **See Also**

IRegistryImporter Members com.tikumo.regis3 Namespace

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# **IRegistryImporter Members**

regdiff Code Documentation

The IRegistryImporter type exposes the following members.

# **Methods**

	Name	Description
<b>≡</b>	Import	Import the registry data from some source (be it the live registry, a different machine, a registry file, an xml file and so on).

### Back to Top

# **See Also**

IRegistryImporter Interface com.tikumo.regis3 Namespace

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# **IRegistryImporter Methods**

regdiff Code Documentation

The IRegistryImporter type exposes the following members.

# **Methods**

	Name	Description
<b>≡</b>	Import	Import the registry data from some source (be it the live registry, a different machine, a registry file, an xml file and so on).

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# **See Also**

IRegistryImporter Interface com.tikumo.regis3 Namespace

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# IRegistryImporter Import Method

regdiff Code Documentation

Import the registry data from some source (be it the live registry, a different machine, a registry file, an xml file and so on).

Namespace: com.tikumo.regis3

Assembly: regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

# **Syntax**



#### **Return Value**

Type: RegKeyEntry

a newly created RegKeyEntry object

## See Also

IRegistryImporter Interface IRegistryImporter Members

com.tikumo.regis3 Namespace

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## **KindMismatch Class**

regdiff Code Documentation

This is a helper class that represents a value that exists in both keys, but has different value kinds (and by definition different values) in each of them.

# **Inheritance Hierarchy**

System Object com.tikumo.regis3 KindMismatch

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

# **Syntax**



## **See Also**

KindMismatch Members com.tikumo.regis3 Namespace

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# **KindMismatch Members**

regdiff Code Documentation

The KindMismatch type exposes the following members.

# **Constructors**

	Name	Description
<b>≡</b>	KindMismatch	The constructor creates an object that represents a value that exists in both keys, but has different value kinds (and by definition different values) in each of them.

### Back to Top

# **Fields**

	Name	Description
•	Key	Key where the value was located
•	Value1	Value as it exists in the 1st key
•	Value2	Value as it exists in the 2nd key

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# See Also

KindMismatch Class com.tikumo.regis3 Namespace

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#### **KindMismatch Constructor**

regdiff Code Documentation

The constructor creates an object that represents a value that exists in both keys, but has different value kinds (and by definition different values) in each of them.

Namespace: com.tikumo.regis3

Assembly: regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**

```
C# VB C++ F#

public KindMismatch(
    RegKeyEntry key,
    RegValueEntry value1,
    RegValueEntry value2
)
```

#### **Parameters**

key

Type: com.tikumo.regis3 RegKeyEntry

Key where the value was located

value1

Type: com.tikumo.regis3 RegValueEntry

Value as it exists in the 1st key

value2

Type: com.tikumo.regis3 RegValueEntry

Value as it exists in the 2nd key

#### **See Also**

KindMismatch Class

KindMismatch Members

com.tikumo.regis3 Namespace

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## **KindMismatch Fields**

regdiff Code Documentation

The KindMismatch type exposes the following members.

## **Fields**

	Name	Description
•	Key	Key where the value was located
•	Value1	Value as it exists in the 1st key
•	Value2	Value as it exists in the 2nd key

### Back to Top

## See Also

KindMismatch Class com.tikumo.regis3 Namespace

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## **KindMismatch Key Field**

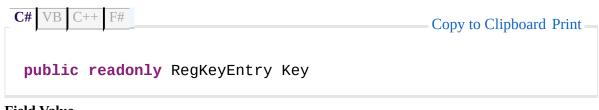
regdiff Code Documentation

Key where the value was located

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**



#### Field Value

Type: RegKeyEntry

### **See Also**

KindMismatch Class

KindMismatch Members

com.tikumo.regis3 Namespace

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### **KindMismatch Value1 Field**

regdiff Code Documentation

Value as it exists in the 1st key

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**



#### Field Value

Type: RegValueEntry

### **See Also**

KindMismatch Class

KindMismatch Members

com.tikumo.regis3 Namespace

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### **KindMismatch Value2 Field**

regdiff Code Documentation

Value as it exists in the 2nd key

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**



#### Field Value

Type: RegValueEntry

### **See Also**

KindMismatch Class

KindMismatch Members

com.tikumo.regis3 Namespace

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## **MissingValue Class**

regdiff Code Documentation

This is a helper class that represents a missing value in a key

## **Inheritance Hierarchy**

System Object com.tikumo.regis3 MissingValue

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**



### **See Also**

MissingValue Members com.tikumo.regis3 Namespace

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## **MissingValue Members**

regdiff Code Documentation

The Missing Value type exposes the following members.

## **Constructors**

	Name	Description	
<b>≡</b>	MissingValue	The constructor creates an object that represents a missing value in a key	

#### Back to Top

## **Fields**

	Name	Description
•	Key	Key where the value was located
•	Value	Original value

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## **See Also**

MissingValue Class com.tikumo.regis3 Namespace

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## **MissingValue Constructor**

regdiff Code Documentation

The constructor creates an object that represents a missing value in a key

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**

```
C# VB C++ F#

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public MissingValue(
RegKeyEntry key,
RegValueEntry value
)
```

#### **Parameters**

key

Type: com.tikumo.regis3 RegKeyEntry

Key where the value was located

value

Type: com.tikumo.regis3 RegValueEntry

Original value

#### See Also

Missing Value Class

MissingValue Members

com.tikumo.regis3 Namespace

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## **MissingValue Fields**

regdiff Code Documentation

The Missing Value type exposes the following members.

## **Fields**

	Name	Description
•	Key	Key where the value was located
•	Value	Original value

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### **See Also**

MissingValue Class com.tikumo.regis3 Namespace

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## MissingValue Key Field

regdiff Code Documentation

Key where the value was located

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**



Type: RegKeyEntry

## **See Also**

Missing Value Class

MissingValue Members

com.tikumo.regis3 Namespace

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## **MissingValue Value Field**

regdiff Code Documentation

Original value

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**



#### Field Value

Type: RegValueEntry

### **See Also**

MissingValue Class

MissingValue Members

com.tikumo.regis3 Namespace

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## **RegDiff Class**

regdiff Code Documentation

This class takes two (named) registry keys and produces a set of differences between the two keys. In regis3, keys can be imported from different sources (the registry, a .REG file, an .XML file) and are represented in memory as RegKeyEntry trees. This class takes two such trees (independently of their origin) and compares them.

## **Inheritance Hierarchy**

System Object com.tikumo.regis3 RegDiff

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**



#### **See Also**

RegDiff Members com.tikumo.regis3 Namespace

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## **RegDiff Members**

## regdiff Code Documentation

The RegDiff type exposes the following members.

## **Constructors**

	Name	Description
<b>≡</b>	RegDiff	The constructor creates two named registry keys and compares them

## Back to Top

## **Methods**

	Name	Description
=₩	CreateDiffKeyEntry	This function creates a new RegKeyEntry, that represents the diff information; assuming that key 1 is the old information, and key 2 the new information That means: - if a key is missing in 1, it is to be added - if a key is missing in 2, it is to be removed - if a value is missing in 1, it is to be added - if a value is missing in 2, it is to be removed - if a value has changed, use the data from 2
=0	CreateMergeKeyEntry	This function creates a new RegKeyEntry, that represents the merge information; assuming that key 1 is the old information, and key 2 the new information That means: - includes all information from key 2 - if a key is missing in 2, it is to be removed - if a value is missing in 2, it is to be removed - if a value has changed, use the data from 2
=0	ToString	Create a string description of this instance (Overrides Object ToString .)

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## **Fields**

	Name	Description
•	DataMismatches	Data mismatches: a key/value exists in both files, but the respective data doesn't match
•	Key1	First key
•	Key2	Second key
•	KindMismatches	Kind mismatches: a key/value exists in both files, but the kind doesn't match (for example, its a string in one file and an integer in the other)
•	MissingKeysIn1	Keys missing in 1 but present in 2
•	MissingKeysIn2	Keys missing in 2 but present in 1

•	MissingValuesIn1	Values missing in 1 but present in 2
•	MissingValuesIn2	Values missing in 2 but present in 1
•	Name1	Name of the first file / key / source
٠	Name2	Name of the second file / key / source

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## **See Also**

RegDiff Class

com.tikumo.regis3 Namespace

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The constructor creates two named registry keys and compares them

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**

```
C# VB C++
                                                     Copy to Clipboard Print -
  public RegDiff(
           RegKeyEntry key1,
           string name1,
           RegKeyEntry key2,
           string name2
  )
Parameters
key1
```

Type: com.tikumo.regis3 RegKeyEntry

First key

name1

Type: System String

Name of first key

key2

Type: com.tikumo.regis3 RegKeyEntry

Second key

name2

Type: System String Name of second key

### See Also

**RegDiff Class** 

**RegDiff Members** 

com.tikumo.regis3 Namespace

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 ${\bf Send} \ {\bf Feedback} \ on \ this \ topic \ to \ http://code.google.com/p/regdiff/issues/list.$ 

## **RegDiff Fields**

#### regdiff Code Documentation

The RegDiff type exposes the following members.

## **Fields**

	Name	Description
•	DataMismatches  Data mismatches: a key/value exists in both files, but the respective data doesn't match	
•	Key1	First key
٠	Key2	Second key
•	KindMismatches	Kind mismatches: a key/value exists in both files, but the kind doesn't match (for example, its a string in one file and an integer in the other)
<ul> <li>MissingKeysIn1 Keys missing in 1 but present in 2</li> <li>MissingKeysIn2 Keys missing in 2 but present in 1</li> <li>MissingValuesIn1 Values missing in 1 but present in 2</li> </ul>		Keys missing in 1 but present in 2
		Keys missing in 2 but present in 1
		Values missing in 1 but present in 2
•	MissingValuesIn2 Values missing in 2 but present in 1	
•	Name1	Name of the first file / key / source
•	Name2	Name of the second file / key / source

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## **See Also**

**RegDiff Class** 

com.tikumo.regis3 Namespace

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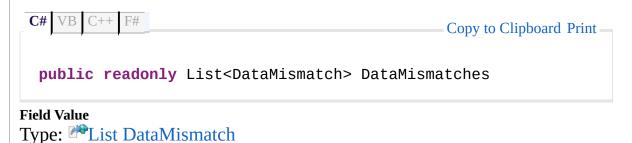
## RegDiff DataMismatches Field regdiff Code Documentation

Data mismatches: a key/value exists in both files, but the respective data doesn't match

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**



## **See Also**

RegDiff Class
RegDiff Members
com.tikumo.regis3 Namespace

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## **RegDiff Key1 Field**

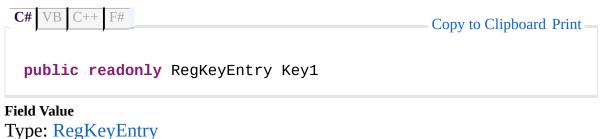
regdiff Code Documentation

First key

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**



## **See Also**

**RegDiff Class RegDiff Members** 

com.tikumo.regis3 Namespace

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## **RegDiff Key2 Field**

regdiff Code Documentation

Second key

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**



Field Value

Type: RegKeyEntry

## **See Also**

**RegDiff Class** 

**RegDiff Members** 

com.tikumo.regis3 Namespace

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## RegDiff KindMismatches Field regdiff Code Documentation

Kind mismatches: a key/value exists in both files, but the kind doesn't match (for example, its a string in one file and an integer in the other)

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

### **Syntax**



## **See Also**

RegDiff Class
RegDiff Members
com.tikumo.regis3 Namespace

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## **RegDiff MissingKeysIn1 Field**

regdiff Code Documentation

Keys missing in 1 but present in 2

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**



#### Field Value

Type: List RegKeyEntry

## **See Also**

**RegDiff Class** 

**RegDiff Members** 

com.tikumo.regis3 Namespace

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## **RegDiff MissingKeysIn2 Field**

regdiff Code Documentation

Keys missing in 2 but present in 1

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**



#### Field Value

Type: List RegKeyEntry

## **See Also**

**RegDiff Class** 

**RegDiff Members** 

com.tikumo.regis3 Namespace

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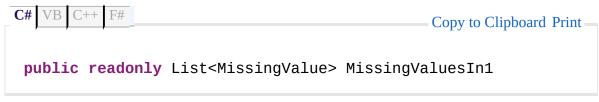
## RegDiff MissingValuesIn1 Field regdiff Code Documentation

Values missing in 1 but present in 2

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**



#### Field Value

Type: List MissingValue

## **See Also**

**RegDiff Class** 

**RegDiff Members** 

com.tikumo.regis3 Namespace

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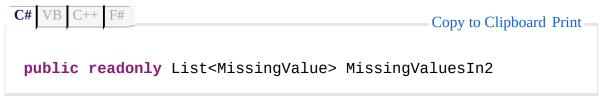
## RegDiff MissingValuesIn2 Field regdiff Code Documentation

Values missing in 2 but present in 1

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**



#### Field Value

Type: List MissingValue

## **See Also**

**RegDiff Class** 

**RegDiff Members** 

com.tikumo.regis3 Namespace

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## **RegDiff Name1 Field**

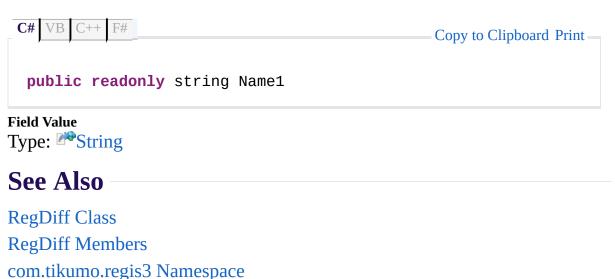
regdiff Code Documentation

Name of the first file / key / source

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**



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## **RegDiff Name2 Field**

regdiff Code Documentation

Name of the second file / key / source

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**



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## **RegDiff Methods**

#### regdiff Code Documentation

The RegDiff type exposes the following members.

## **Methods**

	Name	Description
=0	CreateDiffKeyEntry	This function creates a new RegKeyEntry, that represents the diff information; assuming that key 1 is the old information, and key 2 the new information That means: - if a key is missing in 1, it is to be added - if a key is missing in 2, it is to be removed - if a value is missing in 1, it is to be added - if a value is missing in 2, it is to be removed - if a value has changed, use the data from 2
inform new in a key		This function creates a new RegKeyEntry, that represents the merge information; assuming that key 1 is the old information, and key 2 the new information That means: - includes all information from key 2 - if a key is missing in 2, it is to be removed - if a value is missing in 2, it is to be removed - if a value has changed, use the data from 2
<b>≟</b>	ToString	Create a string description of this instance (Overrides Object ToString .)

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## **See Also**

**RegDiff Class** 

com.tikumo.regis3 Namespace

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# RegDiff CreateDiffKeyEntry Method

regdiff Code Documentation

This function creates a new RegKeyEntry, that represents the diff information; assuming that key 1 is the old information, and key 2 the new information That means: - if a key is missing in 1, it is to be added - if a key is missing in 2, it is to be removed - if a value is missing in 1, it is to be added - if a value is missing in 2, it is to be removed - if a value has changed, use the data from 2

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**



#### **Return Value**

Type: RegKeyEntry

A newly created RegKeyEntry that describes the differences

### **See Also**

**RegDiff Class** 

**RegDiff Members** 

com.tikumo.regis3 Namespace

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# **RegDiff CreateMergeKeyEntry Method**

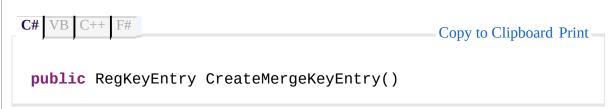
regdiff Code Documentation

This function creates a new RegKeyEntry, that represents the merge information; assuming that key 1 is the old information, and key 2 the new information That means: - includes all information from key 2 - if a key is missing in 2, it is to be removed - if a value is missing in 2, it is to be removed - if a value has changed, use the data from 2

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**



#### **Return Value**

Type: RegKeyEntry

A newly created RegKeyEntry that describes the merge information

### **See Also**

**RegDiff Class** 

**RegDiff Members** 

com.tikumo.regis3 Namespace

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## **RegDiff ToString Method**

regdiff Code Documentation

Create a string description of this instance

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**



#### **Return Value**

Type: String

String description of this instance

### **See Also**

**RegDiff Class** 

**RegDiff Members** 

com.tikumo.regis3 Namespace

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## **RegEnvReplace Class**

regdiff Code Documentation

This class supports replacing \$\$ variables in .REG files by dynamic content. When reading .REG files, you can use the syntax \$\$NAME\$\$ to defer resolution of names / content to runtime. At runtime, variables are declared either as environment variables or by reading them from .XML files / .INI files and replaced back in the registry.

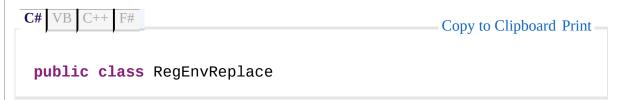
## **Inheritance Hierarchy**

System Object com.tikumo.regis3 RegEnvReplace

Namespace: com.tikumo.regis3

Assembly: regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**



#### **See Also**

RegEnvReplace Members com.tikumo.regis3 Namespace

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## **RegEnvReplace Members**

regdiff Code Documentation

The RegEnvReplace type exposes the following members.

## **Constructors**

	Name	Description
<b>≡</b>	RegEnvReplace	The default constructor creates an empty list of variables

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### **Methods**

	Name	Description
<b>≡</b>	Map	Given an input string, try to map it.
<b>≡</b>	MergeEnvironmentVariables	Read content of the Environment variables and merge them with this set of variables
<b>≅</b>	ReadIniFile	Read variables from an .INI file. It must contain entries of the form NAME=VALUE
<b>≡</b>	ReadXmlFile	Read variables from an .XML file. It must contain entries of the form <value name="NAME">CONTENT</value>

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## **Fields**

	Name	Description
•	Variables	Dictionary of key/value pairs for replacement

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## **See Also**

RegEnvReplace Class com.tikumo.regis3 Namespace

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## **RegEnvReplace Constructor**

regdiff Code Documentation

The default constructor creates an empty list of variables

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**



## **See Also**

RegEnvReplace Class RegEnvReplace Members com.tikumo.regis3 Namespace

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## **RegEnvReplace Fields**

regdiff Code Documentation

The RegEnvReplace type exposes the following members.

## **Fields**

	Name	Description
•	Variables	Dictionary of key/value pairs for replacement

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## **See Also**

RegEnvReplace Class com.tikumo.regis3 Namespace

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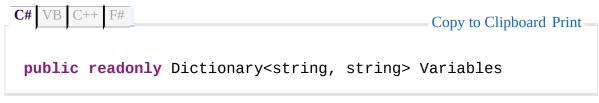
# RegEnvReplace Variables Field regdiff Code Documentation

Dictionary of key/value pairs for replacement

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**



#### Field Value

Type: Poictionary String, String

#### **See Also**

RegEnvReplace Class

RegEnvReplace Members

com.tikumo.regis3 Namespace

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# **RegEnvReplace Methods**

regdiff Code Documentation

The RegEnvReplace type exposes the following members.

#### **Methods**

	Name	Description
<b>≡</b>	Map	Given an input string, try to map it.
<b>≡</b>	MergeEnvironmentVariables	Read content of the Environment variables and merge them with this set of variables
<b>≡</b>	ReadIniFile	Read variables from an .INI file. It must contain entries of the form NAME=VALUE
<b>≡</b>	ReadXmlFile	Read variables from an .XML file. It must contain entries of the form <value name="NAME">CONTENT</value>

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## **See Also**

RegEnvReplace Class com.tikumo.regis3 Namespace

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# **RegEnvReplace Map Method**

regdiff Code Documentation

Given an input string, try to map it.

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

# **Syntax**

```
C# VB C++ F#

Copy to Clipboard Print

public string Map(
    string input
)
```

#### **Parameters**

input

Type: System String

Input string with \$\$ variables

#### **Return Value**

Type: String

Mapped result string

#### See Also

RegEnvReplace Class

RegEnvReplace Members

com.tikumo.regis3 Namespace

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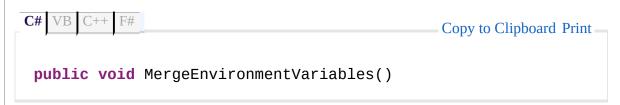
# **RegEnvReplace MergeEnvironmentVariables** regdiff C **Method**

Read content of the Environment variables and merge them with this set of variables

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

# **Syntax**



#### **See Also**

RegEnvReplace Class
RegEnvReplace Members
com.tikumo.regis3 Namespace

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# RegEnvReplace ReadIniFile Method

regdiff Code Documentation

Read variables from an .INI file. It must contain entries of the form NAME=VALUE

Namespace: com.tikumo.regis3

Assembly: regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**

```
C# VB C++ F#

Copy to Clipboard Print

public void ReadIniFile(
    string filename
)
```

#### **Parameters**

filename

Type: System String

Filename to read variables from

#### **See Also**

RegEnvReplace Class RegEnvReplace Members com.tikumo.regis3 Namespace

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# RegEnvReplace ReadXmlFile Method

regdiff Code Documentation

Read variables from an .XML file. It must contain entries of the form <value name="NAME">CONTENT</value>

Namespace: com.tikumo.regis3

Assembly: regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**

```
C# VB C++ F#

Copy to Clipboard Print

public void ReadXmlFile(
    string filename
)
```

#### Parameters

filename

Type: System String

Filename to read variables from

## **See Also**

RegEnvReplace Class
RegEnvReplace Members
com.tikumo.regis3 Namespace

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# **RegFile Class**

regdiff Code Documentation

This is a helper class that takes a .REG filename (or the content of a .REG file) and identifies the correct parser. Parsers distinguish between Registry Format 4 (ANSI) and 5 (Unicode)

## **Inheritance Hierarchy**

System Object com.tikumo.regis3 RegFile

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

# **Syntax**



## **See Also**

RegFile Members com.tikumo.regis3 Namespace

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# **RegFile Members**

#### regdiff Code Documentation

The RegFile type exposes the following members.

## **Methods**

	Name	Description
= <b>\$</b> S	CreateImporterFromFile	Given a filename, identify the proper registry importer
ĕ∳S	CreateImporterFromString	Given the content of a .REG file, identify the proper registry importer

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## **See Also**

RegFile Class com.tikumo.regis3 Namespace

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# **RegFile Methods**

#### regdiff Code Documentation

The RegFile type exposes the following members.

## **Methods**

	Name	Description
<b>=\$S</b>	CreateImporterFromFile	Given a filename, identify the proper registry importer
≡ <b>\$</b> S	CreateImporterFromString	Given the content of a .REG file, identify the proper registry importer

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### **See Also**

RegFile Class com.tikumo.regis3 Namespace

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# RegFile CreateImporterFromFile Method

regdiff Code Documentation

Given a filename, identify the proper registry importer

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**

RegFile Class

RegFile Members

com.tikumo.regis3 Namespace

```
C# VB C++ F#
                                                    Copy to Clipboard Print —
  public static IRegistryImporter CreateImporterFromFile(
           string filename,
           RegFileImportOptions options
  )
Parameters
filename
 Type: System String
 Filename (including path)
options
 Type: com.tikumo.regis3 RegFileImportOptions
 Registry import options
Return Value
Type: IRegistryImporter
Registry importer suitable for this file
See Also
```

```
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```

# **RegFile CreateImporterFromString Method**

regdiff Code Documentation

Given the content of a .REG file, identify the proper registry importer

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**

```
C# VB C++ F#
                                                    Copy to Clipboard Print –
  public static IRegistryImporter CreateImporterFromString(
           string content,
           RegFileImportOptions options
  )
Parameters
content
 Type: System String
 File content
options
 Type: com.tikumo.regis3 RegFileImportOptions
 Registry import options
Return Value
Type: IRegistryImporter
Registry importer suitable for this file
See Also
RegFile Class
RegFile Members
```

```
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```

com.tikumo.regis3 Namespace

# **RegFileExporter Class**

regdiff Code Documentation

This is an exporter that takes a RegKeyEntry and exports it. The class is abstract, because version 4 and version 5 have different text encoding, so you need a derived class to actually export the registry.

# **Inheritance Hierarchy**

System Object com.tikumo.regis3 RegFileExporter

com.tikumo.regis3 RegFileFormat4Exporter com.tikumo.regis3 RegFileFormat5Exporter

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**



#### **See Also**

RegFileExporter Members com.tikumo.regis3 Namespace

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# **RegFileExporter Members**

regdiff Code Documentation

The RegFileExporter type exposes the following members.

#### **Constructors**

	Name	Description
<u></u>	RegFileExporter	This constructor creates an exporter with a fixed header and encoding

#### Back to Top

## **Methods**

		Name	Description
-	•	Export(RegKeyEntry, TextWriter)	Export the given registry key to a text stream
-	•	Export(RegKeyEntry, String)	Export the given registry key to a file

#### Back to Top

#### **See Also**

RegFileExporter Class com.tikumo.regis3 Namespace

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# **RegFileExporter Constructor**

regdiff Code Documentation

This constructor creates an exporter with a fixed header and encoding

Namespace: com.tikumo.regis3

Assembly: regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

```
Syntax
```

```
C# VB C++ F#

protected RegFileExporter(
    string header,
    Encoding fileEncoding
)
```

#### **Parameters**

#### header

Type: System String

"M: com.tikumo.regis 3. Reg File Exporter. #ctor (System. String, System. Text. Encoding)"]

#### fileEncoding

Type: System.Text Encoding

[Missing <param name="fileEncoding"/> documentation for "M:com.tikumo.regis3.RegFileExporter.#ctor(System.String,System.Text.Encoding)"]

#### See Also

RegFileExporter Class
RegFileExporter Members
com.tikumo.regis3 Namespace

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# **RegFileExporter Methods**

#### regdiff Code Documentation

# **Methods**

	Name	Description
<b>≡</b>	Export(RegKeyEntry, TextWriter)	Export the given registry key to a text stream
<b>≡</b>	Export(RegKeyEntry, String)	Export the given registry key to a file

#### Back to Top

#### **See Also**

RegFileExporter Class com.tikumo.regis3 Namespace

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# RegFileExporter Export Method regdiff Code Documentation

# **Overload List**

	Name	Description
<b>≡</b>	Export(RegKeyEntry, TextWriter)	Export the given registry key to a text stream
<b>≡</b>	Export(RegKeyEntry, String)	Export the given registry key to a file

#### Back to Top

#### See Also

RegFileExporter Class
RegFileExporter Members
com.tikumo.regis3 Namespace

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# RegFileExporter Export Method (RegKeyEntry, TextWriter)

regdiff Code Documentation

Export the given registry key to a text stream

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**

```
C# VB C++ F#

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public void Export(
RegKeyEntry key,
TextWriter file
)
```

#### **Parameters**

key

Type: com.tikumo.regis3 RegKeyEntry

Registry key previously imported (or constructed in memory)

file

Type: System.IO TextWriter

Output text stream

#### **Implements**

IRegistryExporter Export(RegKeyEntry, TextWriter)

#### See Also

RegFileExporter Class

RegFileExporter Members

**Export Overload** 

com.tikumo.regis3 Namespace

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# RegFileExporter Export Method (RegKeyEntry, String)

regdiff Code Documentation

Export the given registry key to a file

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**

```
C# VB C++ F#

public void Export(
   RegKeyEntry key,
   string filename
)
```

#### **Parameters**

key

Type: com.tikumo.regis3 RegKeyEntry

Registry key previously imported (or constructed in memory)

filename

Type: System String

Filename to save the key in

#### **Implements**

IRegistryExporter Export(RegKeyEntry, String)

#### See Also

RegFileExporter Class

RegFileExporter Members

**Export Overload** 

com.tikumo.regis3 Namespace

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# RegFileFormat4Exporter Class regdiff Code Documentation

Subclass of RegFileExporter for Version 4 files (=ANSI Encoding, Windows NT 4.0)

## **Inheritance Hierarchy**

System Object com.tikumo.regis3 RegFileExporter

 $com.tikumo.regis 3\ RegFile Format 4 Exporter$ 

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**



#### See Also

RegFileFormat4Exporter Members com.tikumo.regis3 Namespace

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# RegFileFormat4Exporter Members

regdiff Code Documentation

The RegFileFormat4Exporter type exposes the following members.

#### **Constructors**

	Name	Description
<b>≡</b>	RegFileFormat4Exporter	This constructor creates an exporter for .REG files format 4

#### Back to Top

#### **Methods**

	Name	Description
<b>≡</b>	Export(RegKeyEntry, TextWriter)	Export the given registry key to a text stream (Inherited from RegFileExporter.)
<b>≡</b>	Export(RegKeyEntry, String)	Export the given registry key to a file (Inherited from RegFileExporter.)

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### **See Also**

RegFileFormat4Exporter Class com.tikumo.regis3 Namespace

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# RegFileFormat4Exporter Constructor

regdiff Code Documentation

This constructor creates an exporter for .REG files format 4

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

### **Syntax**



#### **See Also**

RegFileFormat4Exporter Class RegFileFormat4Exporter Members com.tikumo.regis3 Namespace

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# **RegFileFormat4Exporter Methods**

regdiff Code Documentation

## **Methods**

	Name	Description
<b>≡</b>	Export(RegKeyEntry, TextWriter)	Export the given registry key to a text stream (Inherited from RegFileExporter.)
<b>≡</b>	Export(RegKeyEntry, String)	Export the given registry key to a file (Inherited from RegFileExporter.)

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#### **See Also**

RegFileFormat4Exporter Class com.tikumo.regis3 Namespace

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# RegFileFormat4Importer Class regdiff Code Documentation

Importer for version 4 registry files

# **Inheritance Hierarchy**

System Object com.tikumo.regis3 RegFileImporter

com.tikumo.regis3 RegFileFormat4Importer

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**



#### **See Also**

RegFileFormat4Importer Members com.tikumo.regis3 Namespace

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# RegFileFormat4Importer Members

regdiff Code Documentation

The RegFileFormat4Importer type exposes the following members.

#### **Constructors**

	Name	Description
<b>=</b>	RegFileFormat4Importer	Create an importer from given .REG file format 4 file content

#### Back to Top

#### **Methods**

	Name	Description
<b>≡</b>	Import	Import the content of the .REG file and return the RegKeyEntry created from it (Inherited from RegFileImporter.)

#### Back to Top

#### **Fields**

	Name	Description
<b>₽ S</b>	HEADER	Header identifying version 4 registry files

#### Back to Top

#### **See Also**

RegFileFormat4Importer Class com.tikumo.regis3 Namespace

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# RegFileFormat4Importer Constructor

regdiff Code Documentation

Create an importer from given .REG file format 4 file content

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

### **Syntax**

```
C# VB C++ F#

public RegFileFormat4Importer(
    string content,
    RegFileImportOptions options
)
```

#### **Parameters**

content

Type: System String Content of a .REG file

options

Type: com.tikumo.regis3 RegFileImportOptions

Import options

#### **See Also**

RegFileFormat4Importer Class RegFileFormat4Importer Members com.tikumo.regis3 Namespace

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# RegFileFormat4Importer Fields regdiff Code Documentation

The RegFileFormat4Importer type exposes the following members.

#### **Fields**

		Name	Description
•	S	HEADER	Header identifying version 4 registry files

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#### **See Also**

RegFileFormat4Importer Class com.tikumo.regis3 Namespace

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# RegFileFormat4Importer HEADER Field

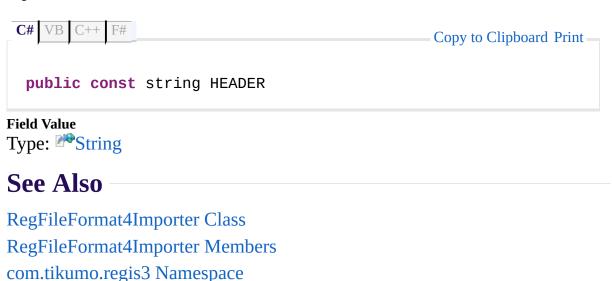
regdiff Code Documentation

Header identifying version 4 registry files

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**



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# RegFileFormat4Importer Methods

regdiff Code Documentation

The RegFileFormat4Importer type exposes the following members.

## **Methods**

	Name	Description
<b>≡</b>	Import	Import the content of the .REG file and return the RegKeyEntry created from it (Inherited from RegFileImporter.)

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#### **See Also**

RegFileFormat4Importer Class com.tikumo.regis3 Namespace

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# RegFileFormat5Exporter Class regdiff Code Documentation

Subclass of RegFileExporter for Version 5 files (=Unicode)

# **Inheritance Hierarchy**

System Object com.tikumo.regis3 RegFileExporter

com.tikumo.regis3 RegFileFormat5Exporter

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**



#### **See Also**

RegFileFormat5Exporter Members com.tikumo.regis3 Namespace

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# RegFileFormat5Exporter Members

regdiff Code Documentation

The RegFileFormat5Exporter type exposes the following members.

#### **Constructors**

	Name	Description
<b>≡</b>	RegFileFormat5Exporter	This constructor creates an exporter for .REG files format 5

#### Back to Top

## **Methods**

	Name	Description
<b>≡</b>	Export(RegKeyEntry, TextWriter)	Export the given registry key to a text stream (Inherited from RegFileExporter.)
<b>≡</b>	Export(RegKeyEntry, String)	Export the given registry key to a file (Inherited from RegFileExporter.)

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### **See Also**

RegFileFormat5Exporter Class com.tikumo.regis3 Namespace

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# RegFileFormat5Exporter Constructor

regdiff Code Documentation

This constructor creates an exporter for .REG files format 5

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

### **Syntax**



#### **See Also**

RegFileFormat5Exporter Class RegFileFormat5Exporter Members com.tikumo.regis3 Namespace

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# **RegFileFormat5Exporter Methods**

regdiff Code Documentation

## **Methods**

	Name	Description
<b>≡</b>	Export(RegKeyEntry, TextWriter)	Export the given registry key to a text stream (Inherited from RegFileExporter.)
<b>≡</b>	Export(RegKeyEntry, String)	Export the given registry key to a file (Inherited from RegFileExporter.)

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#### **See Also**

RegFileFormat5Exporter Class com.tikumo.regis3 Namespace

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# RegFileFormat5Importer Class regdiff Code Documentation

Importer for version 4 registry files

# **Inheritance Hierarchy**

System Object com.tikumo.regis3 RegFileImporter

com.tikumo.regis3 RegFileFormat5Importer

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**



#### **See Also**

RegFileFormat5Importer Members com.tikumo.regis3 Namespace

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# RegFileFormat5Importer Members

regdiff Code Documentation

The RegFileFormat5Importer type exposes the following members.

#### **Constructors**

	Name	Description	
<b>=</b>	RegFileFormat5Importer	Create an importer from given .REG file format 5 file content	

#### Back to Top

#### **Methods**

	Name	Description
<b>=</b>	Import	Import the content of the .REG file and return the RegKeyEntry created from it (Inherited from RegFileImporter.)

#### Back to Top

#### **Fields**

	Name	Description
<b>₽ S</b>	HEADER	Header identifying version 4 registry files

#### Back to Top

#### **See Also**

RegFileFormat5Importer Class com.tikumo.regis3 Namespace

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# RegFileFormat5Importer Constructor

regdiff Code Documentation

Create an importer from given .REG file format 5 file content

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

### **Syntax**

```
C# VB C++ F#

public RegFileFormat5Importer(
    string content,
    RegFileImportOptions options
)
```

#### **Parameters**

content

Type: System String Content of a .REG file

options

Type: com.tikumo.regis3 RegFileImportOptions

Import options

#### **See Also**

RegFileFormat5Importer Class RegFileFormat5Importer Members com.tikumo.regis3 Namespace

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# RegFileFormat5Importer Fields regdiff Code Documentation

The RegFileFormat5Importer type exposes the following members.

#### **Fields**

		Name	Description
•	S	HEADER	Header identifying version 4 registry files

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#### **See Also**

RegFileFormat5Importer Class com.tikumo.regis3 Namespace

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# **RegFileFormat5Importer HEADER Field**

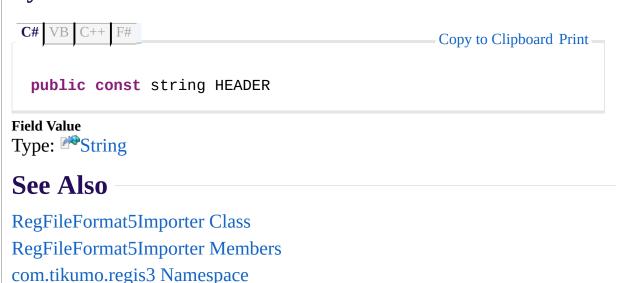
regdiff Code Documentation

Header identifying version 4 registry files

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**



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# **RegFileFormat5Importer Methods**

regdiff Code Documentation

The RegFileFormat5Importer type exposes the following members.

#### **Methods**

		Name	Description
	<b>≡</b>	Import	Import the content of the .REG file and return the RegKeyEntry created from it (Inherited from RegFileImporter.)

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#### **See Also**

RegFileFormat5Importer Class com.tikumo.regis3 Namespace

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## **RegFileImporter Class**

regdiff Code Documentation

This is the importer for .REG files. The class is abstract, because version 4 and version 5 have different text encoding, so you need a derived class to actually import the registry.

### **Inheritance Hierarchy**

System Object com.tikumo.regis3 RegFileImporter

com.tikumo.regis3 RegFileFormat4Importer com.tikumo.regis3 RegFileFormat5Importer

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**



#### **See Also**

RegFileImporter Members com.tikumo.regis3 Namespace

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# **RegFileImporter Members**

regdiff Code Documentation

The RegFileImporter type exposes the following members.

#### **Constructors**

	Name	Description
<b>=</b>	RegFileImporter	The constructor takes the content of a .REG file, the expected header (=first line of the .REG file) and import options (if any)

#### Back to Top

#### **Methods**

	Name	Description
<b>≡</b>	Import	Import the content of the .REG file and return the RegKeyEntry created from it

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#### **See Also**

RegFileImporter Class com.tikumo.regis3 Namespace

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### RegFileImporter Constructor

regdiff Code Documentation

The constructor takes the content of a .REG file, the expected header (=first line of the .REG file) and import options (if any)

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**

```
C# VB C++ F#
                                                   Copy to Clipboard Print –
  public RegFileImporter(
           string content,
           string expectedHeader,
           RegFileImportOptions options
  )
Parameters
```

content

Type: System String Content of the .REG file

expectedHeader

Type: System String Expected header

options

Type: com.tikumo.regis3 RegFileImportOptions

Import options

#### See Also

RegFileImporter Class

RegFileImporter Members

com.tikumo.regis3 Namespace

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# **RegFileImporter Methods**

regdiff Code Documentation

The RegFileImporter type exposes the following members.

#### **Methods**

	Name	Description
<b>≡</b>	Import	Import the content of the .REG file and return the RegKeyEntry created from it

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#### **See Also**

RegFileImporter Class com.tikumo.regis3 Namespace

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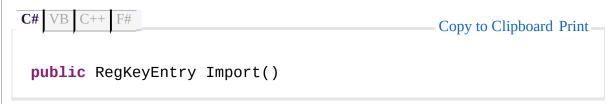
### RegFileImporter Import Methodregdiff Code Documentation

Import the content of the .REG file and return the RegKeyEntry created from it

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**



#### **Return Value**

Type: RegKeyEntry

[Missing <returns> documentation for "M:com.tikumo.regis3.RegFileImporter.Import"]

#### **Implements**

IRegistryImporter Import

#### **See Also**

RegFileImporter Class

RegFileImporter Members

com.tikumo.regis3 Namespace

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# **RegFileImportOptions Enumeration**

regdiff Code Documentation

Parser options for .REG files

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**



#### **Members**

Member name	Value	Description
None	0	No specific options
AllowHashtagComments	1	Allow Hashtag-style line comments.
AllowSemicolonComments	2	Allow Semicolon-style line comments.
IgnoreWhitespaces	4	If this option is set, the parser is more relaxed about whitespaces in the .REG file (Recommended, especially if you manually edit the file yourself.)
AllowVariableNamesForNonStringVariables	8	If this option is set, a .REG file can have a statement like this: "something"=dword:\$\$VARIABLE\$\$ where \$\$VARIABLE\$\$ is replaced at runtime with the respective -numeric-variable.

### **See Also**

com.tikumo.regis3 Namespace

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## **RegFileParser Class**

regdiff Code Documentation

This is the default parser for .REG files. It takes a string as input and produces a valid registry tree from it.

#### **Inheritance Hierarchy**

System Object com.tikumo.regis3 AbstractFileParser

com.tikumo.regis3 RegFileParser

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**



#### See Also

RegFileParser Members com.tikumo.regis3 Namespace

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# **RegFileParser Members**

regdiff Code Documentation

The RegFileParser type exposes the following members.

### **Constructors**

	Name	Description
≡ <b></b>	RegFileParser	The constructor needs an expected header identifying the version of the .REG file, as well as import options

#### Back to Top

## **Methods**

	Name	Description
<b>≡</b>	Parse(String)	This method imports a registry key from the text of a .REG file
<b>*</b>	Parse(String, AbstractFileParser ExpectFunc)	Start parsing the given content from an initial state (Inherited from AbstractFileParser.)
Ģ €	SyntaxError	This function should be used to create SyntaxError exceptions. It provides a generic helptext as well as contextual information (such as line / column number, and file context) in the trace data. Typical use in a parser would be something like this: throw SyntaxError("error message goes here") (Inherited from AbstractFileParser.)

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#### **Fields**

	Name	Description
<b>9</b> ◆	Buffer	Buffer used by parser states to collect longer strings (Inherited from AbstractFileParser.)
9	ColumnNumber	Current column number (Inherited from AbstractFileParser.)
9	LineNumber	Current line number (Inherited from AbstractFileParser.)
9	ParserState	This is the current parser state. Derived classes initialize and maintain this. (Inherited from AbstractFileParser.)

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## **See Also**

RegFileParser Class com.tikumo.regis3 Namespace

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### **RegFileParser Constructor**

regdiff Code Documentation

The constructor needs an expected header identifying the version of the .REG file, as well as import options

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**

```
C# VB C++ F#

public RegFileParser(
    string expectedHeader,
    RegFileImportOptions options
)
```

#### **Parameters**

expectedHeader

Type: System String

expected header identifying the version of the .REG file

options

Type: com.tikumo.regis3 RegFileImportOptions

import options

#### **See Also**

RegFileParser Class
RegFileParser Members

com.tikumo.regis3 Namespace

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# **RegFileParser Fields**

#### regdiff Code Documentation

The RegFileParser type exposes the following members.

#### **Fields**

	Name	Description
9	Buffer	Buffer used by parser states to collect longer strings (Inherited from AbstractFileParser.)
9	ColumnNumber	Current column number (Inherited from AbstractFileParser.)
9	LineNumber	Current line number (Inherited from AbstractFileParser.)
9	ParserState	This is the current parser state. Derived classes initialize and maintain this. (Inherited from AbstractFileParser.)

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#### **See Also**

RegFileParser Class com.tikumo.regis3 Namespace

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# **RegFileParser Methods**

regdiff Code Documentation

The RegFileParser type exposes the following members.

#### **Methods**

	Name	Description
<b>≡</b>	Parse(String)	This method imports a registry key from the text of a .REG file
<u></u>	Parse(String, AbstractFileParser ExpectFunc)	Start parsing the given content from an initial state (Inherited from AbstractFileParser.)
Ģ	SyntaxError	This function should be used to create SyntaxError exceptions. It provides a generic helptext as well as contextual information (such as line / column number, and file context) in the trace data. Typical use in a parser would be something like this: throw SyntaxError("error message goes here") (Inherited from AbstractFileParser.)

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#### **See Also**

RegFileParser Class com.tikumo.regis3 Namespace

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# **RegFileParser Parse Method**

#### regdiff Code Documentation

### **Overload List**

	Name	Description
<b>≡</b>	Parse(String)	This method imports a registry key from the text of a .REG file
<b>9</b>	Parse(String, AbstractFileParser ExpectFunc)	Start parsing the given content from an initial state (Inherited from AbstractFileParser.)

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#### **See Also**

RegFileParser Class
RegFileParser Members
com.tikumo.regis3 Namespace

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# RegFileParser Parse Method (String)

regdiff Code Documentation

This method imports a registry key from the text of a .REG file

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**

Parse Overload

com.tikumo.regis3 Namespace

```
C# VB C++ F#
                                                         Copy to Clipboard Print –
  public RegKeyEntry Parse(
            string content
Parameters
content
 Type: System String
 [Missing <param name="content"/> documentation for
  "M:com.tikumo.regis3.RegFileParser.Parse(System.String)"]
Return Value
Type: RegKeyEntry
[Missing <returns> documentation for
"M:com.tikumo.regis3.RegFileParser.Parse(System.String)"]
See Also
RegFileParser Class
RegFileParser Members
```

```
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```

## **Regis3 Class**

regdiff Code Documentation

Static helper functions of general use when dealing with registry objects

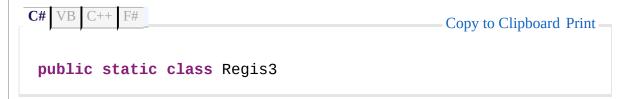
### **Inheritance Hierarchy**

System Object com.tikumo.regis3 Regis3

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

### **Syntax**



#### **See Also**

Regis3 Members com.tikumo.regis3 Namespace

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# **Regis3 Members**

#### regdiff Code Documentation

The Regis3 type exposes the following members.

#### **Methods**

	Name	Description
∉ <b>≬</b> S	DeleteKeyRecursive	Given an (absolute) registry key, delete everything under it including subkeys.
ĕ <b>ŷS</b>	OpenRegistryHive	Given a registry path, locate the correct root key and return the relative path. For example, when the user gives the absolute registry path HKEY_LOCAL_MACHINE\Software\Microsoft you really have two parts: HKEY_LOCAL_MACHINE is a "registry hive" root, and "Software\Microsoft" the relative path.

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#### **See Also**

Regis3 Class

com.tikumo.regis3 Namespace

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# **Regis3 Methods**

#### regdiff Code Documentation

The Regis3 type exposes the following members.

#### **Methods**

	Name	Description	
∉ <b>\$</b> S	DeleteKeyRecursive	e Given an (absolute) registry key, delete everything under it including subkeys.	
<b>=♦S</b>	OpenRegistryHive	Given a registry path, locate the correct root key and return the relative path. For example, when the user gives the absolute registry path HKEY_LOCAL_MACHINE\Software\Microsoft you really have two parts: HKEY_LOCAL_MACHINE is a "registry hive" root, and "Software\Microsoft" the relative path.	

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## **See Also**

Regis3 Class

com.tikumo.regis3 Namespace

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# Regis3 DeleteKeyRecursive Method

regdiff Code Documentation

Given an (absolute) registry key, delete everything under it including subkeys.

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**

```
C# VB C++ F#

public static void DeleteKeyRecursive(
    string sourcePath,
    bool use32BitRegistry = true
)
```

#### **Parameters**

*sourcePath* 

Type: System String

Absolute registry path (i.e. one starting with HKEY\_LOCAL\_MACHINE or something similar)

use32BitRegistry (Optional)

Type: System Boolean

True if you want to access the 32-bit regisrty, or false if you want to access the 64-bit registry.

#### **See Also**

Regis3 Class

Regis3 Members

com.tikumo.regis3 Namespace

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# Regis3 OpenRegistryHive Method

regdiff Code Documentation

Given a registry path, locate the correct root key and return the relative path. For example, when the user gives the absolute registry path HKEY\_LOCAL\_MACHINE\Software\Microsoft you really have two parts: HKEY\_LOCAL\_MACHINE is a "registry hive" root, and "Software\Microsoft" the relative path.

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**

```
C# VB C++ F#

public static RegistryKey OpenRegistryHive(
    string rootPath,
    out string rootPathWithoutHive,
    bool use32BitRegistry = true,
    string remoteMachineName = null
)
```

#### **Parameters**

*rootPath* 

Type: System String absolute registry path

#### rootPathWithoutHive

Type: System String
Returns the relative path

#### use32BitRegistry (Optional)

Type: System Boolean

True if you want to access the 32-bit regisrty, or false if you want to access the 64-bit registry.

#### remoteMachineName (Optional)

Type: System String

Name of a remote machine. User must ensure that caller has sufficient privileges to access the key

#### **Return Value**

Type: RegistryKey "registry hive" root

### **See Also**

Regis3 Class Regis3 Members com.tikumo.regis3 Namespace

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## **RegistryImporter Class**

regdiff Code Documentation

This is the standard importer to read data from an existing registry (on the local machine, or on a remote machine).

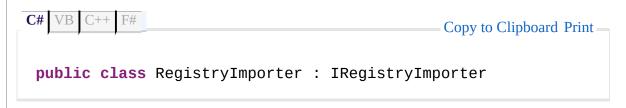
### **Inheritance Hierarchy**

System Object com.tikumo.regis3 RegistryImporter

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**



#### **See Also**

RegistryImporter Members com.tikumo.regis3 Namespace

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# **RegistryImporter Members**

regdiff Code Documentation

The RegistryImporter type exposes the following members.

#### **Constructors**

	Name	Description
<b>≡</b>	RegistryImporter(String)	The default constructor takes a registry root path encoded as a string (for example, HKEY_LOCAL_MACHINE\Software\Microsoft) and reads everything under it.
=•	RegistryImporter(RegistryKey, String)	This constructor takes an existing registry root key and a path relative to that key. You acn use this if you've already split the path and identified the root key in a step before that (this is what Regdiff does)

#### Back to Top

#### **Methods**

Name Description		Name	Description
Import   The import function returns the RegKeyE		Import	The import function returns the RegKeyEntry imported from the registry

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#### **See Also**

RegistryImporter Class com.tikumo.regis3 Namespace

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# **RegistryImporter Constructor** regdiff Code Documentation

#### **Overload List**

	Name	Description
<b>≅</b>	RegistryImporter(String)	The default constructor takes a registry root path encoded as a string (for example, HKEY_LOCAL_MACHINE\Software\Microsoft) and reads everything under it.
=0	RegistryImporter(RegistryKey, String)	This constructor takes an existing registry root key and a path relative to that key. You acn use this if you've already split the path and identified the root key in a step before that (this is what Regdiff does)

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#### **See Also**

RegistryImporter Class RegistryImporter Members com.tikumo.regis3 Namespace

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# RegistryImporter Constructor (String)

regdiff Code Documentation

The default constructor takes a registry root path encoded as a string (for example, HKEY\_LOCAL\_MACHINE\Software\Microsoft) and reads everything under it.

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**

```
C# VB C++ F#

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public RegistryImporter(
    string rootPath
)

Parameters

rootPath

Type: System String
Root path
```

#### See Also

RegistryImporter Class
RegistryImporter Members
RegistryImporter Overload
com.tikumo.regis3 Namespace

Copyright (c) 2013, Gerson Kurz (http://p-nand-q.com/download/regdiff.html)

# **RegistryImporter Constructor** (RegistryKey, String)

regdiff Code Documentation

This constructor takes an existing registry root key and a path relative to that key. You acn use this if you've already split the path and identified the root key in a step before that (this is what Regdiff does)

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**

```
C# VB C++
                                                   Copy to Clipboard Print
  public RegistryImporter(
           RegistryKey rootKey,
           string rootPath
  )
Parameters
rootKey
 Type: Microsoft.Win32 RegistryKey
```

Registry key identifing root (e.g. HKEY\_LOCAL\_MACHINE)

*rootPath* 

Type: System String

Relative registry path (e.g. "Software\Microsoft")

#### See Also

RegistryImporter Class

RegistryImporter Members

RegistryImporter Overload

com.tikumo.regis3 Namespace

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# **RegistryImporter Methods**

regdiff Code Documentation

The RegistryImporter type exposes the following members.

#### **Methods**

	Name Description	
<b>=</b>	Import	The import function returns the RegKeyEntry imported from the registry

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#### **See Also**

RegistryImporter Class com.tikumo.regis3 Namespace

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## RegistryImporter Import Method

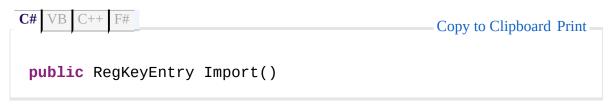
regdiff Code Documentation

The import function returns the RegKeyEntry imported from the registry

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**



#### **Return Value**

Type: RegKeyEntry

The key imported from the registry

**Implements** 

IRegistryImporter Import

#### **See Also**

RegistryImporter Class

RegistryImporter Members

com.tikumo.regis3 Namespace

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# RegistryImportRelativeToExistingRegKeyEntry regdi Class

This is a special importer that is used when comparing .REG files to values in the registry: rather than specifying an actual registry key to import, only keys existing in the import key are read.

### **Inheritance Hierarchy**

1

System Object com.tikumo.regis3 RegistryImportRelativeToExistingRegKe

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**



#### See Also

RegistryImportRelativeToExistingRegKeyEntry Members com.tikumo.regis3 Namespace

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# **RegistryImportRelativeToExistingRegKeyEntry** regdi **Members**

The RegistryImportRelativeToExistingRegKeyEntry type exposes the following members.

#### **Constructors**

	Name	Description
<b>≓</b>	Registry Import Relative To Existing Reg Key Entry	This constructor creates a registry importer for an existing registry key

#### Back to Top

#### **Methods**

	Name	Description	
<b>≡</b>	Import	Return the newly imported registry key	

#### Back to Top

#### **See Also**

RegistryImportRelativeToExistingRegKeyEntry Class com.tikumo.regis3 Namespace

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# **RegistryImportRelativeToExistingRegKeyEntry** regdi Constructor

This constructor creates a registry importer for an existing registry key

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**

```
C# VB C++ F#

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public RegistryImportRelativeToExistingRegKeyEntry(
    RegKeyEntry existingRegistry
)
```

#### **Parameters**

existingRegistry

Type: com.tikumo.regis3 RegKeyEntry

Existing registry key

#### See Also

RegistryImportRelativeToExistingRegKeyEntry Class RegistryImportRelativeToExistingRegKeyEntry Members com.tikumo.regis3 Namespace

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# **RegistryImportRelativeToExistingRegKeyEntry** regdi **Methods**

The RegistryImportRelativeToExistingRegKeyEntry type exposes the following members.

#### **Methods**

	Name	Description	
<b>≡</b>	Import	Return the newly imported registry key	

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#### **See Also**

RegistryImportRelativeToExistingRegKeyEntry Class com.tikumo.regis3 Namespace

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## RegistryImportRelativeToExistingRegKeyEntry Impo Method

Return the newly imported registry key

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**



#### **Return Value**

Type: RegKeyEntry

[Missing < returns > documentation for "M:com.tikumo.regis3.RegistryImportRelativeToExistingRegKeyEntry.Import"]

#### **Implements**

IRegistryImporter Import

#### **See Also**

RegistryImportRelativeToExistingRegKeyEntry Class RegistryImportRelativeToExistingRegKeyEntry Members com.tikumo.regis3 Namespace

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# **RegistryWriteOptions Enumeration**

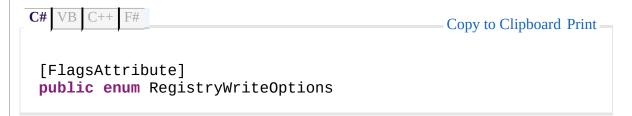
regdiff Code Documentation

Available options when exporting a RegKeyEntry tree back to the registry

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**



#### **Members**

Member name	Value	Description
Recursive	1	Export the data recursively. If omitted, export only the top level keys
AllAccessForEveryone 2		Grant all access to everyone. I know I am lazy and one of these days hackers will probably take me down, but it is a lot easier this way;)

#### See Also

com.tikumo.regis3 Namespace

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# **RegKeyEntry Class**

regdiff Code Documentation

This class represents a registry key in memory

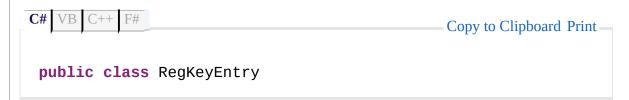
## **Inheritance Hierarchy**

System Object com.tikumo.regis3 RegKeyEntry

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

### **Syntax**



#### **See Also**

RegKeyEntry Members com.tikumo.regis3 Namespace

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# **RegKeyEntry Members**

regdiff Code Documentation

The RegKeyEntry type exposes the following members.

## **Constructors**

	Name	Description
<u></u>	RegKeyEntry	The default constructor creates an empty - unnamed - registry key.
<b>=</b>	RegKeyEntry(RegKeyEntry)	Copy constructor: takes an existing RegKeyEntry and creates a full clone of it
=0	RegKeyEntry(RegKeyEntry, String)	This constructor creates a named registry key, relative to an existing parent

## Back to Top

# Methods

		Name	Description
-	•	AskToAddKey	When creating a diff/merge file, asks the key to create a subkey based on an existing key
AskToAddValue When creating a diff/merge file, asks the key to a existing value		AskToAddValue	When creating a diff/merge file, asks the key to add a value based on an existing value
-	•	AskToRemoveKey	When creating a diff/merge file, asks the key to remove a subkey based on an existing key
=	•	AskToRemoveValue	When creating a diff/merge file, asks the key to remove a value based on an existing value
<b>≡</b>		FindOrCreateKey	Find or create a subkey relative to this one
=	•	FindOrCreateValue	Find or create a named registry value
=	•	ToString	Create a string description of this instance (Overrides Object ToString .)
=	•	WriteRegFileFormat	Write the content of this key to an output stream in .REG file format
=	•	WriteToTheRegistry	Write the contents of this object back to the registry (possibly recursively)

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## **Fields**

Name	Description

•	DefaultValue	Default value or null if undefined
•	Keys	Subkeys relative to this key
•	Name	Name of the key (not the complete path name: use the Path member for that)
•	RemoveFlag	Flag indicating wether the .REG file actually asks to REMOVE this value, rather than add it.
•	Values	Values in this key

#### Back to Top

# **Properties**

	Name	Description
<b>₽</b> S	AllAccessForEveryone	Helper function: RegistrySecurity object representing "Full control for the Everyone group"
	Parent	Parent key or null if this is a root key
	Path	Return the complete (recursive) path of this key

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## **See Also**

RegKeyEntry Class com.tikumo.regis3 Namespace

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# **RegKeyEntry Constructor**

regdiff Code Documentation

### **Overload List**

	Name	Description
<u></u>	RegKeyEntry	The default constructor creates an empty - unnamed - registry key.
<b>=</b>	RegKeyEntry(RegKeyEntry)	Copy constructor: takes an existing RegKeyEntry and creates a full clone of it
=0	RegKeyEntry(RegKeyEntry, String)	This constructor creates a named registry key, relative to an existing parent

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### **See Also**

RegKeyEntry Class
RegKeyEntry Members
com.tikumo.regis3 Namespace

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# **RegKeyEntry Constructor**

regdiff Code Documentation

The default constructor creates an empty - unnamed - registry key.

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**



### **See Also**

RegKeyEntry Class

RegKeyEntry Members

RegKeyEntry Overload

com.tikumo.regis3 Namespace

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# RegKeyEntry Constructor (RegKeyEntry)

regdiff Code Documentation

Copy constructor: takes an existing RegKeyEntry and creates a full clone of it

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**

```
C# VB C++ F#

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public RegKeyEntry(
    RegKeyEntry objectSrc
)
```

#### **Parameters**

objectSrc

Type: com.tikumo.regis3 RegKeyEntry

[Missing <param name="objectSrc"/> documentation for "M:com.tikumo.regis3.RegKeyEntry.#ctor(com.tikumo.regis3.RegKeyEntry)"]

#### **See Also**

RegKeyEntry Class
RegKeyEntry Members
RegKeyEntry Overload
com.tikumo.regis3 Namespace

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# **RegKeyEntry Constructor** (RegKeyEntry, String)

regdiff Code Documentation

This constructor creates a named registry key, relative to an existing parent

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**

```
C# VB C++ F#
                                                      Copy to Clipboard Print -
  public RegKeyEntry(
           RegKeyEntry parent,
           string name
  )
Parameters
```

parent

Type: com.tikumo.regis3 RegKeyEntry

[Missing <param name="parent"/> documentation for

"M:com.tikumo.regis3.RegKeyEntry.#ctor(com.tikumo.regis3.RegKeyEntry,System.String)"]

#### name

Type: System String

[Missing <param name="name"/> documentation for

"M:com.tikumo.regis3.RegKeyEntry,#ctor(com.tikumo.regis3.RegKeyEntry,System.String)"]

#### See Also

RegKeyEntry Class

RegKeyEntry Members

RegKeyEntry Overload

com.tikumo.regis3 Namespace

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# **RegKeyEntry Fields**

regdiff Code Documentation

The RegKeyEntry type exposes the following members.

#### **Fields**

	Name	Description
DefaultValue Default value or null if undefined		Default value or null if undefined
•	Keys	Subkeys relative to this key
•	Name	Name of the key (not the complete path name: use the Path member for that)
•	RemoveFlag Flag indicating wether the .REG file actually asks to REMOVE this value, rather than add it.	
•	Values	Values in this key

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### **See Also**

RegKeyEntry Class com.tikumo.regis3 Namespace

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# RegKeyEntry DefaultValue Fieldregdiff Code Documentation

Default value or null if undefined

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**



#### Field Value

Type: RegValueEntry

#### **See Also**

RegKeyEntry Class
RegKeyEntry Members

com.tikumo.regis3 Namespace

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# **RegKeyEntry Keys Field**

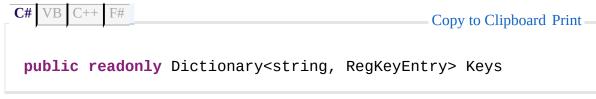
regdiff Code Documentation

Subkeys relative to this key

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**



#### Field Value

Type: Poictionary String, RegKeyEntry

#### **See Also**

RegKeyEntry Class

RegKeyEntry Members

com.tikumo.regis3 Namespace

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# **RegKeyEntry Name Field**

regdiff Code Documentation

Name of the key (not the complete path name: use the Path member for that)

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)



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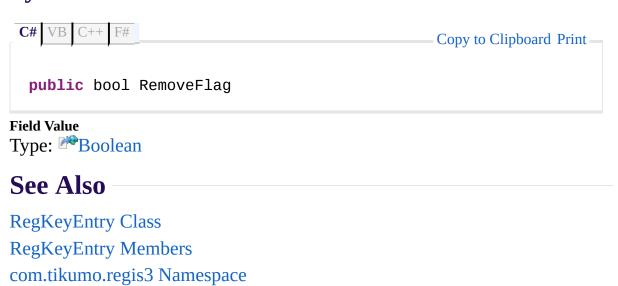
## RegKeyEntry RemoveFlag Field regdiff Code Documentation

Flag indicating wether the .REG file actually asks to REMOVE this value, rather than add it.

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**



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# **RegKeyEntry Values Field**

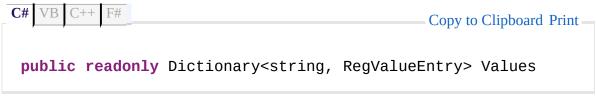
regdiff Code Documentation

Values in this key

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**



#### Field Value

Type: Polictionary String, RegValueEntry

#### **See Also**

RegKeyEntry Class
RegKeyEntry Members

com.tikumo.regis3 Namespace

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# **RegKeyEntry Methods**

regdiff Code Documentation

The RegKeyEntry type exposes the following members.

#### **Methods**

	Name	Description	
<b>≅</b>	AskToAddKey	When creating a diff/merge file, asks the key to create a subkey based on an existing key	
<b>≅</b>	AskToAddValue	When creating a diff/merge file, asks the key to add a value based on an existing value	
<b>=</b>	AskToRemoveKey	When creating a diff/merge file, asks the key to remove a subkey based on an existing key	
<b>≡</b>	AskToRemoveValue	When creating a diff/merge file, asks the key to remove a value based on an existing value	
FindOrCreateKey Find or create a subkey relative to this one		Find or create a subkey relative to this one	
<b>≡</b>	FindOrCreateValue	Find or create a named registry value	
=0	ToString	Create a string description of this instance (Overrides Object ToString .)	
<b>≡</b>	WriteRegFileFormat	Write the content of this key to an output stream in .REG file format	
=0	WriteToTheRegistry	Write the contents of this object back to the registry (possibly recursively)	

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#### **See Also**

RegKeyEntry Class com.tikumo.regis3 Namespace

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# RegKeyEntry AskToAddKey Method

regdiff Code Documentation

When creating a diff/merge file, asks the key to create a subkey based on an existing key

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**

#### **Parameters**

addThis

Type: com.tikumo.regis3 RegKeyEntry

Existing key

#### **Return Value**

Type: RegKeyEntry

Key in the diff/merge file

#### See Also

RegKeyEntry Class

RegKeyEntry Members

com.tikumo.regis3 Namespace

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# RegKeyEntry AskToAddValue Method

regdiff Code Documentation

When creating a diff/merge file, asks the key to add a value based on an existing value

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**

```
C# VB C++ F#

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public void AskToAddValue(
RegKeyEntry key,
RegValueEntry value
)
```

#### **Parameters**

key

Type: com.tikumo.regis3 RegKeyEntry

existing key

value

Type: com.tikumo.regis3 RegValueEntry

existing value

#### See Also

RegKeyEntry Class

RegKeyEntry Members

com.tikumo.regis3 Namespace

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# RegKeyEntry AskToRemoveKey Method

regdiff Code Documentation

When creating a diff/merge file, asks the key to remove a subkey based on an existing key

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**

#### **Parameters**

removeThis

Type: com.tikumo.regis3 RegKeyEntry

Existing key

#### **Return Value**

Type: RegKeyEntry

Key in the diff/merge file with the RemoveFlag set

#### See Also

RegKeyEntry Class

RegKeyEntry Members

com.tikumo.regis3 Namespace

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# RegKeyEntry AskToRemoveValue Method

regdiff Code Documentation

When creating a diff/merge file, asks the key to remove a value based on an existing value

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

### **Syntax**

```
C# VB C++ F#

Copy to Clipboard Print

public void AskToRemoveValue(
RegKeyEntry key,
RegValueEntry value
)
```

#### **Parameters**

key

Type: com.tikumo.regis3 RegKeyEntry

existing key

value

Type: com.tikumo.regis3 RegValueEntry

existing value

#### See Also

RegKeyEntry Class

RegKeyEntry Members

com.tikumo.regis3 Namespace

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# **RegKeyEntry FindOrCreateKey Method**

regdiff Code Documentation

Find or create a subkey relative to this one

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**

```
C# VB C++ F#

Copy to Clipboard Print

public RegKeyEntry FindOrCreateKey(
    string path
)
```

#### **Parameters**

path

Type: System String

Subkey path relative to this one

#### **Return Value**

Type: RegKeyEntry
Newly created subkey

#### **See Also**

RegKeyEntry Class

RegKeyEntry Members

com.tikumo.regis3 Namespace

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# **RegKeyEntry FindOrCreateValue Method**

regdiff Code Documentation

Find or create a named registry value

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**

```
C# VB C++ F#

Copy to Clipboard Print

public RegValueEntry FindOrCreateValue(
    string name
)
```

#### **Parameters**

name

Type: System String

Name of the registry value

#### **Return Value**

Type: RegValueEntry

Newly created registry value or null if it cannot be created

#### **See Also**

RegKeyEntry Class

RegKeyEntry Members

com.tikumo.regis3 Namespace

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# RegKeyEntry ToString Method regdiff Code Documentation

Create a string description of this instance

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

# **Syntax**



#### **Return Value**

Type: String

String description of this instance

#### **See Also**

RegKeyEntry Class
RegKeyEntry Members
com.tikumo.regis3 Namespace

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# RegKeyEntry WriteRegFileFormat Method

regdiff Code Documentation

Write the content of this key to an output stream in .REG file format

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**

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# **RegKeyEntry WriteToTheRegistry Method**

regdiff Code Documentation

Write the contents of this object back to the registry (possibly recursively)

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**

```
C# VB C++ F#

public void WriteToTheRegistry(
    RegistryWriteOptions registryWriteOptions,
    RegEnvReplace env
)
```

#### **Parameters**

registryWriteOptions

Type: com.tikumo.regis3 RegistryWriteOptions

Options for writing to the registry

env

Type: com.tikumo.regis3 RegEnvReplace

Optional handler for environment variable replacement

#### **See Also**

RegKeyEntry Class
RegKeyEntry Members
com.tikumo.regis3 Namespace

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# **RegKeyEntry Properties**

regdiff Code Documentation

The RegKeyEntry type exposes the following members.

# **Properties**

	Name	Description
≝°S	AllAccessForEveryone	Helper function: RegistrySecurity object representing "Full control for the Everyone group"
	Parent	Parent key or null if this is a root key
	Path	Return the complete (recursive) path of this key

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### **See Also**

RegKeyEntry Class com.tikumo.regis3 Namespace

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# RegKeyEntry AllAccessForEveryone **Property**

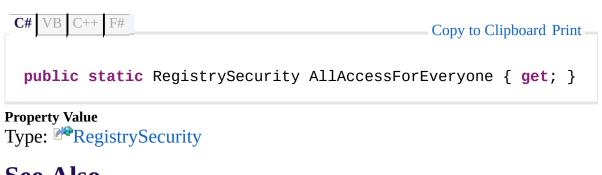
regdiff Code Documentation

Helper function: RegistrySecurity object representing "Full control for the Everyone group"

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

### **Syntax**



#### **See Also**

RegKeyEntry Class RegKeyEntry Members com.tikumo.regis3 Namespace

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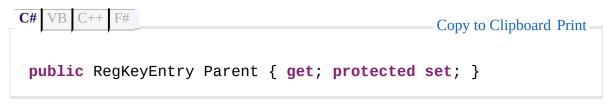
## RegKeyEntry Parent Property regdiff Code Documentation

Parent key or null if this is a root key

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**



#### **Property Value**

Type: RegKeyEntry

#### **See Also**

RegKeyEntry Class

RegKeyEntry Members

com.tikumo.regis3 Namespace

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# **RegKeyEntry Path Property**

regdiff Code Documentation

Return the complete (recursive) path of this key

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**



#### **Property Value**

Type: String

### **See Also**

RegKeyEntry Class

RegKeyEntry Members

com.tikumo.regis3 Namespace

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# **RegValueEntry Class**

regdiff Code Documentation

This class represents a registry value in a

# **Inheritance Hierarchy**

System Object com.tikumo.regis3 RegValueEntry

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

### **Syntax**



#### **See Also**

RegValueEntry Members com.tikumo.regis3 Namespace

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# RegValueEntry Members regdiff Code Documentation

The RegValueEntry type exposes the following members.

## **Constructors**

	Name	Description	
<b>≡</b>	RegValueEntry	The default constructor creates an unnamed value without contenet.	
<b>≡</b>	RegValueEntry(String)	This constructor creates a named value with unknown content	
<b>≡</b>	RegValueEntry(RegValueEntry)	Copy Constructor	
<b>≡</b>	RegValueEntry(RegistryKey, String)	This constructor creates a named value from a Windows registry value	

# Back to Top

## **Methods**

	Name	Description	
<b>=</b>	AsByteArray	Describe the content of this value as a byte array. This should be used only	
<b>≡</b>	SetBinaryType	Given hex-encoded binary data, set a blob type	
=0	SetEscapedIntValue	Define an escaped integer value. If you're reading .REG files and you use the RegEnvReplace class to replace content with variables at runtime, you can specify something like this: "SomeValue"=dword:\$\$VARIABLE\$\$	
<b>≡</b>	SetIntValue	Define an integer value	
<b>≡</b>	SetStringValue	Define a string value	
<b>≡</b>	WriteRegFileFormat	Helper function: Export this function in .REG file format to an output stream	
<b>≡</b>	WriteToTheRegistry	y Write this value back to the Windows registry	

### Back to Top

### **Fields**

		Name	Description
	•	Name	Name of this value. Warning: for default values this is going to be null.
RemoveFlag If this flag is set, you really want		RemoveFlag	If this flag is set, you really want to remove the registry value rather than add it

#### Back to Top

# **Properties**

Name	Description
IsDefaultValue	Returns true if this object represents the default ("null") value in a registry key
Kind	Type of data encoded in this object
Value	Value data

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## **See Also**

RegValueEntry Class com.tikumo.regis3 Namespace

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# **RegValueEntry Constructor**

regdiff Code Documentation

# **Overload List**

	Name	Description
<b>≡</b>	RegValueEntry	The default constructor creates an unnamed value without contenet.
<b>≡</b>	RegValueEntry(String)	This constructor creates a named value with unknown content
=0	RegValueEntry(RegValueEntry)	Copy Constructor
<b>≡</b>	RegValueEntry(RegistryKey, String)	This constructor creates a named value from a Windows registry value

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## **See Also**

RegValueEntry Class
RegValueEntry Members
com.tikumo.regis3 Namespace

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# **RegValueEntry Constructor**

regdiff Code Documentation

The default constructor creates an unnamed value without contenet.

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**



#### **See Also**

RegValueEntry Class

RegValueEntry Members

RegValueEntry Overload

com.tikumo.regis3 Namespace

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# RegValueEntry Constructor (String)

regdiff Code Documentation

This constructor creates a named value with unknown content

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**

```
C# VB C++ F#

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public RegValueEntry(
    string name
)

Parameters
```

name

Type: System String
Name of the value

#### **See Also**

RegValueEntry Class
RegValueEntry Members
RegValueEntry Overload
com.tikumo.regis3 Namespace

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# RegValueEntry Constructor (RegValueEntry)

regdiff Code Documentation

Copy Constructor

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**

```
C# VB C++ F#

Copy to Clipboard Print

public RegValueEntry(
    RegValueEntry objectSrc
)
```

#### **Parameters**

objectSrc

Type: com.tikumo.regis3 RegValueEntry

[Missing <param name="objectSrc"/> documentation for "M:com.tikumo.regis3.RegValueEntry.#ctor(com.tikumo.regis3.RegValueEntry)"]

#### **See Also**

RegValueEntry Class
RegValueEntry Members
RegValueEntry Overload
com.tikumo.regis3 Namespace

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# RegValueEntry Constructor (RegistryKey, String)

regdiff Code Documentation

This constructor creates a named value from a Windows registry value

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**

```
C# VB C++ F#

Copy to Clipboard Print

public RegValueEntry(
    RegistryKey key,
    string name
)

Parameters

key

Type: Microsoft.Win32 RegistryKey
Parent registry key
```

### name

Type: System String
Name of the value

#### **See Also**

RegValueEntry Class
RegValueEntry Members
RegValueEntry Overload
com.tikumo.regis3 Namespace

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# **RegValueEntry Fields**

regdiff Code Documentation

The RegValueEntry type exposes the following members.

#### **Fields**

	Name	Description
•	Name	Name of this value. Warning: for default values this is going to be null.
•	RemoveFlag	If this flag is set, you really want to remove the registry value rather than add it

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#### **See Also**

RegValueEntry Class com.tikumo.regis3 Namespace

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## **RegValueEntry Name Field**

regdiff Code Documentation

Name of this value. Warning: for default values this is going to be null.

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)



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# RegValueEntry RemoveFlag Field

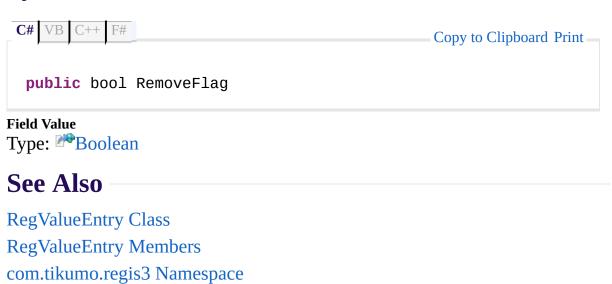
regdiff Code Documentation

If this flag is set, you really want to remove the registry value rather than add it

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

### **Syntax**



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# **RegValueEntry Methods**

regdiff Code Documentation

The RegValueEntry type exposes the following members.

#### **Methods**

	Name	Description
<b>≡</b>	AsByteArray	Describe the content of this value as a byte array. This should be used only
<b>≡</b>	SetBinaryType	Given hex-encoded binary data, set a blob type
<b>≡</b>	SetEscapedIntValue	Define an escaped integer value. If you're reading .REG files and you use the RegEnvReplace class to replace content with variables at runtime, you can specify something like this: "SomeValue"=dword:\$\$VARIABLE\$\$
<b>=</b>	SetIntValue	Define an integer value
<b>≡</b>	SetStringValue	Define a string value
=•	WriteRegFileFormat	Helper function: Export this function in .REG file format to an output stream
<b>=</b>	WriteToTheRegistry	Write this value back to the Windows registry

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### **See Also**

RegValueEntry Class com.tikumo.regis3 Namespace

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# RegValueEntry AsByteArray Method

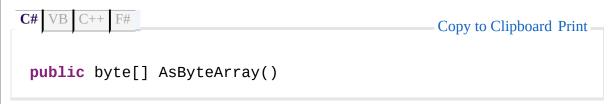
regdiff Code Documentation

Describe the content of this value as a byte array. This should be used only

Namespace: com.tikumo.regis3

Assembly: regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

### **Syntax**



#### **Return Value**

Type: Byte

[Missing <returns> documentation for "M:com.tikumo.regis3.RegValueEntry.AsByteArray"]

#### **See Also**

RegValueEntry Class RegValueEntry Members com.tikumo.regis3 Namespace

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# **RegValueEntry SetBinaryType Method**

regdiff Code Documentation

Given hex-encoded binary data, set a blob type

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**

```
C# VB C++ F#

public void SetBinaryType(
    RegValueEntryKind kind,
    byte[] bytes
)
```

#### **Parameters**

kind

Type: com.tikumo.regis3 RegValueEntryKind

Type of registry entry

bytes

Type: System Byte

Byte representation of the data

#### **See Also**

RegValueEntry Class
RegValueEntry Members
com.tikumo.regis3 Namespace

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# RegValueEntry SetEscapedIntValue Method

regdiff Code Documentation

Define an escaped integer value. If you're reading .REG files and you use the RegEnvReplace class to replace content with variables at runtime, you can specify something like this: "SomeValue"=dword:\$\$VARIABLE\$\$

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**

```
C# VB C++ F#

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public void SetEscapedIntValue(
    string value
)

Parameters

value

Type: System String

Name of the escaped int variable
```

#### **See Also**

RegValueEntry Class
RegValueEntry Members
com.tikumo.regis3 Namespace

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# **RegValueEntry SetIntValue Method**

regdiff Code Documentation

Define an integer value

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**

```
public void SetIntValue(
int value)

Parameters
value
Type: System Int32
integer value

RegValueEntry Class
```

RegValueEntry Class
RegValueEntry Members
com.tikumo.regis3 Namespace

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# RegValueEntry SetStringValue Method

regdiff Code Documentation

Define a string value

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**

```
C# VB C++ F# Copy to Clipboard Print

public void SetStringValue(
    string value
)

Parameters
value
Type: System String
content

See Also

RegValueEntry Class
RegValueEntry Members
com.tikumo.regis3 Namespace
```

```
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```

# RegValueEntry WriteRegFileFormat Method

regdiff Code Documentation

Helper function: Export this function in .REG file format to an output stream

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**

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com.tikumo.regis3 Namespace

# **RegValueEntry WriteToTheRegistry Method**

regdiff Code Documentation

Write this value back to the Windows registry

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**

```
C# VB C++ F#

public void WriteToTheRegistry(
    RegistryKey registryKey,
    RegEnvReplace env
)
```

#### **Parameters**

registryKey

Type: Microsoft.Win32 RegistryKey

Parent registry key. Must be open with write permissions.

env

Type: com.tikumo.regis3 RegEnvReplace

Helper class that can map \$\$-escaped strings.

#### **See Also**

RegValueEntry Class
RegValueEntry Members
com.tikumo.regis3 Namespace

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# **RegValueEntry Properties**

regdiff Code Documentation

The RegValueEntry type exposes the following members.

# **Properties**

Name	Description
IsDefaultValue	Returns true if this object represents the default ("null") value in a registry key
Kind	Type of data encoded in this object
Value	Value data

#### Back to Top

#### See Also

RegValueEntry Class com.tikumo.regis3 Namespace

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# RegValueEntry IsDefaultValue Property

regdiff Code Documentation

Returns true if this object represents the default ("null") value in a registry key

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**



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# RegValueEntry Kind Property regdiff Code Documentation

Type of data encoded in this object

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**

```
C# VB C++ F#

Copy to Clipboard Print

public RegValueEntryKind Kind { get; private set; }
```

#### **Property Value**

Type: RegValueEntryKind

#### See Also

RegValueEntry Class
RegValueEntry Members
com.tikumo.regis3 Namespace

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## RegValueEntry Value Property regdiff Code Documentation

Value data

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

## **Syntax**

```
C# VB C++ F#

Copy to Clipboard Print

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

#### **Property Value**

Type: **Object** 

#### **See Also**

RegValueEntry Class

RegValueEntry Members

com.tikumo.regis3 Namespace

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# **RegValueEntryKind Enumeration**

regdiff Code Documentation

This class defines the known registry value types. It includes more types than the standard .Net enum Registry Value Kind

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**



Copy to Clipboard Print

public enum RegValueEntryKind

#### **Members**

Member name	Value	Description
Unknown	-1	Registry value kind unknown or invalid
None	0	No value kind associated
SZ	1	"String Zero-Terminated": a string
ExpandSZ	2	"Expandable String": a string that can include environment variable specifications. By default, Windows will implicitly expand the string when reading it.
Binary	3	Binary data
DWord	4	A (unsigned) integer (little endian = intel default)
DWordBigEndian	5	A (unsigned) integer (big endian). Not sure if I have ever seen one of these beasts live in the wild
Link	6	Registry link
MultiSZ	7	A list of multiple strings.
ResourceList	8	A Windows NT resource list
FullResourceDescriptor	9	A Windows NT full resource descriptor
ResourceRequirementsList	10	A Windows NT resource requirements list
QWord	11	A 64-bit integer (little endian = intel default)

# **See Also**

com.tikumo.regis3 Namespace

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# **XmlRegFileExporter Class**

regdiff Code Documentation

This is an exporter that takes a registry key and exports it in XML format

### **Inheritance Hierarchy**

System Object com.tikumo.regis3 XmlRegFileExporter

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**



#### See Also

XmlRegFileExporter Members com.tikumo.regis3 Namespace

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# XmlRegFileExporter Members regdiff Code Documentation

The XmlRegFileExporter type exposes the following members.

#### **Constructors**

	Name	Description	
<b>≡</b>	XmlRegFileExporter	Initializes a new instance of the XmlRegFileExporter class	

#### Back to Top

#### **Methods**

	Name	Description
<b>≡</b>	Export(RegKeyEntry, TextWriter)	Export the key to a given output stream
<b>≡</b>	Export(RegKeyEntry, String)	Export the key to a given file

#### Back to Top

#### See Also

XmlRegFileExporter Class com.tikumo.regis3 Namespace

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# XmlRegFileExporter Constructor

regdiff Code Documentation

Initializes a new instance of the XmlRegFileExporter class

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**



#### **See Also**

XmlRegFileExporter Class XmlRegFileExporter Members com.tikumo.regis3 Namespace

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# XmlRegFileExporter Methods

regdiff Code Documentation

### **Methods**

	Name	Description
<b>≡</b>	Export(RegKeyEntry, TextWriter)	Export the key to a given output stream
<b>≡</b>	Export(RegKeyEntry, String)	Export the key to a given file

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### **See Also**

XmlRegFileExporter Class com.tikumo.regis3 Namespace

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# XmlRegFileExporter Export Method

regdiff Code Documentation

# **Overload List**

	Name	Description
<b>≡</b>	Export(RegKeyEntry, TextWriter)	Export the key to a given output stream
<b>≡</b>	Export(RegKeyEntry, String)	Export the key to a given file

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#### See Also

XmlRegFileExporter Class XmlRegFileExporter Members com.tikumo.regis3 Namespace

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# XmlRegFileExporter Export Method (RegKeyEntry, TextWriter)

regdiff Code Documentation

Export the key to a given output stream

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**

```
C# VB C++ F#

public void Export(
    RegKeyEntry key,
    TextWriter file
)
```

#### **Parameters**

key

Type: com.tikumo.regis3 RegKeyEntry

Existing key

file

Type: System.IO TextWriter

Output stream

#### **Implements**

IRegistryExporter Export(RegKeyEntry, TextWriter)

#### See Also

XmlRegFileExporter Class

XmlRegFileExporter Members

**Export Overload** 

com.tikumo.regis3 Namespace

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# XmlRegFileExporter Export Method (RegKeyEntry, String)

regdiff Code Documentation

Export the key to a given file

Namespace: com.tikumo.regis3

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**

```
C# VB C++ F#

Copy to Clipboard Print

public void Export(
RegKeyEntry key,
string filename
)
```

#### **Parameters**

key

Type: com.tikumo.regis3 RegKeyEntry

Existing key

filename

Type: System String Name for .XML file

#### **Implements**

IRegistryExporter Export(RegKeyEntry, String)

#### **See Also**

XmlRegFileExporter Class

XmlRegFileExporter Members

**Export Overload** 

com.tikumo.regis3 Namespace

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# com.tikumo.regis3.ini Namespace

regdiff Code Documentation

Implementation of .INI file specific code

#### **Classes**

	Class	Description
43	IniFile	This class represents an INI File. INI files are really just a special case of an INI file section.
<b>4</b> \$	IniFileEntry	This class represents a key/value assignment pair in an .INI file
<u> </u>	IniFileParser	This class implements a parser for .INI files
<b>4</b> 3	IniFileSection	This class represents a section in an .INI file. INI files can be organized to have recursive sections, so for example [foo\bar\blub] could either be represented as a single section named 'foo\bar\blub', or three sections named 'foo', 'bar' and 'blub' respectively.

#### **Enumerations**

Enumeration	Description
IniFileOptions	Options for parsing .INI files

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#### **IniFile Class**

regdiff Code Documentation

This class represents an INI File. INI files are really just a special case of an INI file section.

#### **Inheritance Hierarchy**

System Object com.tikumo.regis3.ini IniFileSection

com.tikumo.regis3.ini IniFile

Namespace: com.tikumo.regis3.ini

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

### **Syntax**



#### **See Also**

IniFile Members com.tikumo.regis3.ini Namespace

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### **IniFile Members**

regdiff Code Documentation

The IniFile type exposes the following members.

#### **Constructors**

	Name	Description	
<b>≡</b>	IniFile	The default constructor creates an empty .INI file	

#### Back to Top

### **Methods**

	Name	Description
<b>≡</b>	Read	Read the contents of an .INI file
<b>≡</b>	ToString	Create a string description of this instance (Inherited from IniFileSection.)

#### Back to Top

## **Fields**

	Name	Description
•	Entries	List of entries in this section. (Inherited from IniFileSection.)
•	Parent	Parent section or null if this is the root section (Inherited from IniFileSection.)
•	Sections	List of child sections. Can be empty for flat files (Inherited from IniFileSection.)

### Back to Top

# **Properties**

Name	Description
Name	Name of this section (Inherited from IniFileSection.)

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## **See Also**

#### IniFile Class

#### com.tikumo.regis3.ini Namespace

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#### **IniFile Constructor**

regdiff Code Documentation

The default constructor creates an empty .INI file

Namespace: com.tikumo.regis3.ini

Assembly: regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**



#### **See Also**

IniFile Class

IniFile Members

com.tikumo.regis3.ini Namespace

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### **IniFile Fields**

#### regdiff Code Documentation

The IniFile type exposes the following members.

#### **Fields**

	Name	Description
•	Entries	List of entries in this section. (Inherited from IniFileSection.)
•	Parent	Parent section or null if this is the root section (Inherited from IniFileSection.)
•	Sections	List of child sections. Can be empty for flat files (Inherited from IniFileSection.)

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#### **See Also**

IniFile Class

com.tikumo.regis3.ini Namespace

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# **IniFile Methods**

regdiff Code Documentation

The IniFile type exposes the following members.

### **Methods**

	Name	Description
<b>≡</b>	Read	Read the contents of an .INI file
<b>≓</b>	ToString	Create a string description of this instance (Inherited from IniFileSection.)

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#### **See Also**

IniFile Class com.tikumo.regis3.ini Namespace

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#### **IniFile Read Method**

regdiff Code Documentation

Read the contents of an .INI file

Namespace: com.tikumo.regis3.ini

Assembly: regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

### **Syntax**

```
C# VB C++ F#

Copy to Clipboard Print

public void Read(
    string filename
)

Parameters
filename
Type: System String
```

#### **See Also**

IniFile Class
IniFile Members
com.tikumo.regis3.ini Namespace

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[Missing <param name="filename"/> documentation for "M:com.tikumo.regis3.ini.IniFile.Read(System.String)"]

# **IniFile Properties**

regdiff Code Documentation

The IniFile type exposes the following members.

# **Properties**

Name	Description
Name	Name of this section (Inherited from IniFileSection.)

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#### **See Also**

IniFile Class com.tikumo.regis3.ini Namespace

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# **IniFileEntry Class**

regdiff Code Documentation

This class represents a key/value assignment pair in an .INI file

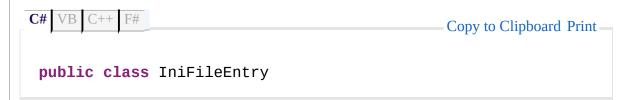
### **Inheritance Hierarchy**

System Object com.tikumo.regis3.ini IniFileEntry

Namespace: com.tikumo.regis3.ini

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**



#### **See Also**

IniFileEntry Members com.tikumo.regis3.ini Namespace

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# **IniFileEntry Members**

regdiff Code Documentation

The IniFileEntry type exposes the following members.

#### **Constructors**

	Name	Description
<b>≡</b>	IniFileEntry	Create a new key/value assignment pair

#### Back to Top

#### **Fields**

	Name	Description
•	Comment	Optional comment (can be null)
•	Data	Data of the value (can be null if options permit)
•	Name	Name of the value

#### Back to Top

# **Properties**

	Name	Description	
	HasComment	Flag indicating whether or not the value has a comment	

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#### **See Also**

IniFileEntry Class com.tikumo.regis3.ini Namespace

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### **IniFileEntry Constructor**

regdiff Code Documentation

Create a new key/value assignment pair

Namespace: com.tikumo.regis3.ini

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**

```
C# VB C++ F#

public IniFileEntry(
    string name,
    string data,
    string comment
)
```

#### **Parameters**

name

Type: System String

Name of the value

data

Type: System String

Data of the value (can be null if options permit)

comment

Type: System String

Optional comment (can be null)

#### See Also

IniFileEntry Class
IniFileEntry Members
com.tikumo.regis3.ini Namespace

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# **IniFileEntry Fields**

regdiff Code Documentation

The IniFileEntry type exposes the following members.

#### **Fields**

	Name	Description
•	Comment	Optional comment (can be null)
•	Data	Data of the value (can be null if options permit)
•	Name	Name of the value

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#### See Also

IniFileEntry Class com.tikumo.regis3.ini Namespace

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## **IniFileEntry Comment Field**

regdiff Code Documentation

Optional comment (can be null)

Namespace: com.tikumo.regis3.ini

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**



#### Field Value

Type: String

#### **See Also**

IniFileEntry Class IniFileEntry Members

com.tikumo.regis3.ini Namespace

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#### **IniFileEntry Data Field**

regdiff Code Documentation

Data of the value (can be null if options permit)

Namespace: com.tikumo.regis3.ini

com.tikumo.regis3.ini Namespace

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

# C# VB C++ F# Copy to Clipboard Print public string Data Field Value Type: String See Also IniFileEntry Class IniFileEntry Members

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## **IniFileEntry Name Field**

regdiff Code Documentation

Name of the value

Namespace: com.tikumo.regis3.ini

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

# **Syntax**



#### Field Value

Type: String

#### **See Also**

IniFileEntry Class
IniFileEntry Members

com.tikumo.regis3.ini Namespace

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# **IniFileEntry Properties**

regdiff Code Documentation

The IniFileEntry type exposes the following members.

# **Properties**

	Name	Description	
	HasComment	Flag indicating whether or not the value has a comment	

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#### **See Also**

IniFileEntry Class com.tikumo.regis3.ini Namespace

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# IniFileEntry HasComment Property

regdiff Code Documentation

Flag indicating whether or not the value has a comment

Namespace: com.tikumo.regis3.ini

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**



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#### **IniFileOptions Enumeration**

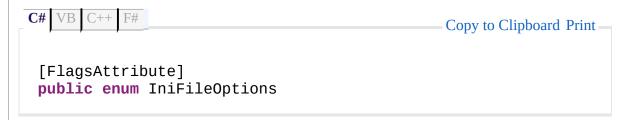
regdiff Code Documentation

Options for parsing .INI files

Namespace: com.tikumo.regis3.ini

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**



#### **Members**

Member name	Value	Description
KeepComments	1	Keep comments when reading .INI files. Comments can start with '#' or ';'. This is the default
KeepFlat	2	Keep sections flag (i.e. no subsections). This is the default
StripEmptyLines	4	Strip empty lines (NB: that includes lines with only comments). This is the default

#### **See Also**

com.tikumo.regis3.ini Namespace

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#### **IniFileParser Class**

regdiff Code Documentation

This class implements a parser for .INI files

#### **Inheritance Hierarchy**

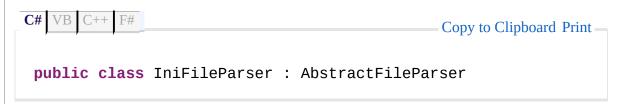
System Object com.tikumo.regis3 AbstractFileParser

com.tikumo.regis3.ini IniFileParser

Namespace: com.tikumo.regis3.ini

Assembly: regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**



#### **See Also**

IniFileParser Members com.tikumo.regis3.ini Namespace

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The IniFileParser type exposes the following members.

#### **Constructors**

	Name	Description
=0	IniFileParser	The default constructor creates a root section (typically a IniFile instance) and a set of parse options

#### Back to Top

#### **Methods**

	Name	Description
<b>≡</b>	Parse(String)	Parse .INI file content
<u> </u>	Parse(String, AbstractFileParser ExpectFunc)	Start parsing the given content from an initial state (Inherited from AbstractFileParser.)
ĕ •	SyntaxError	This function should be used to create SyntaxError exceptions. It provides a generic helptext as well as contextual information (such as line / column number, and file context) in the trace data. Typical use in a parser would be something like this: throw SyntaxError("error message goes here") (Inherited from AbstractFileParser.)

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#### **Fields**

	Name	Description
<b>₽</b>	Buffer	Buffer used by parser states to collect longer strings (Inherited from AbstractFileParser.)
9	ColumnNumber	Current column number (Inherited from AbstractFileParser.)
9	LineNumber	Current line number (Inherited from AbstractFileParser.)
<b>%</b>	ParserState	This is the current parser state. Derived classes initialize and maintain this. (Inherited from AbstractFileParser.)

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#### **See Also**

#### IniFileParser Class com.tikumo.regis3.ini Namespace

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#### IniFileParser Constructor

regdiff Code Documentation

The default constructor creates a root section (typically a IniFile instance) and a set of parse options

Namespace: com.tikumo.regis3.ini

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**

#### **Parameters**

rootSection

Type: com.tikumo.regis3.ini IniFileSection

Root section

options (Optional)

Type: com.tikumo.regis3.ini IniFileOptions

Parse options

#### **See Also**

IniFileParser Class
IniFileParser Members
com.tikumo.regis3.ini Namespace

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#### **IniFileParser Fields**

regdiff Code Documentation

The IniFileParser type exposes the following members.

#### **Fields**

	Name	Description	
9	Buffer	Buffer used by parser states to collect longer strings (Inherited from AbstractFileParser.)	
9	ColumnNumbe	Current column number (Inherited from AbstractFileParser.)	
9	LineNumber	Current line number (Inherited from AbstractFileParser.)	
_		This is the current parser state. Derived classes initialize and maintain this. (Inherited from AbstractFileParser.)	

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#### See Also

IniFileParser Class com.tikumo.regis3.ini Namespace

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#### **IniFileParser Methods**

regdiff Code Documentation

The IniFileParser type exposes the following members.

#### **Methods**

	Name	Description
= <b></b>	Parse(String)	Parse .INI file content
<b>**</b>	Parse(String, AbstractFileParser ExpectFunc)	Start parsing the given content from an initial state (Inherited from AbstractFileParser.)
<b>**</b>	SyntaxError	This function should be used to create SyntaxError exceptions. It provides a generic helptext as well as contextual information (such as line / column number, and file context) in the trace data. Typical use in a parser would be something like this: throw SyntaxError("error message goes here") (Inherited from AbstractFileParser.)

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#### **See Also**

IniFileParser Class com.tikumo.regis3.ini Namespace

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#### **IniFileParser Parse Method**

#### regdiff Code Documentation

# **Overload List**

	Name	Description
=0	Parse(String)	Parse .INI file content
Ģ	Parse(String, AbstractFileParser ExpectFunc)	Start parsing the given content from an initial state (Inherited from AbstractFileParser.)

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#### **See Also**

IniFileParser Class
IniFileParser Members
com.tikumo.regis3.ini Namespace

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# **IniFileParser Parse Method** (String)

regdiff Code Documentation

Parse .INI file content

Namespace: com.tikumo.regis3.ini

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**

```
C# VB C++ F#
                                                      Copy to Clipboard Print —
  public void Parse(
           string content
Parameters
```

content

Type: System String

.INI file content

#### **See Also**

IniFileParser Class

IniFileParser Members

Parse Overload

com.tikumo.regis3.ini Namespace

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#### **IniFileSection Class**

regdiff Code Documentation

This class represents a section in an .INI file. INI files can be organized to have recursive sections, so for example [foo\bar\blub] could either be represented as a single section named 'foo\bar\blub', or three sections named 'foo', 'bar' and 'blub' respectively.

#### **Inheritance Hierarchy**

System Object com.tikumo.regis3.ini IniFileSection com.tikumo.regis3.ini IniFile

Namespace: com.tikumo.regis3.ini

Assembly: regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**



#### **See Also**

IniFileSection Members com.tikumo.regis3.ini Namespace

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#### **IniFileSection Members**

regdiff Code Documentation

The IniFileSection type exposes the following members.

#### **Constructors**

	Name	Description
<b>**</b>	IniFileSection	The default constructor creates an unamed section without a parent. Used only by the public IniFile constructor.
<b>≡</b>	IniFileSection(String, IniFileSection)	This constructor creates a named section with a parent

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#### **Methods**

	Name	Description
<b>≡</b>	ToString	Create a string description of this instance (Overrides Object ToString .)

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#### **Fields**

	Name	Description
•	Entries	List of entries in this section.
•	Parent	Parent section or null if this is the root section
•	Sections	List of child sections. Can be empty for flat files

#### Back to Top

# **Properties**

	Name	Description
	Name	Name of this section

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#### **See Also**

#### IniFileSection Class

#### com.tikumo.regis3.ini Namespace

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#### **IniFileSection Constructor**

#### regdiff Code Documentation

#### **Overload List**

	Name	Description
ē	IniFileSection	The default constructor creates an unamed section without a parent. Used only by the public IniFile constructor.
<b>≡</b>	IniFileSection(String, IniFileSection)	This constructor creates a named section with a parent

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#### **See Also**

IniFileSection Class
IniFileSection Members
com.tikumo.regis3.ini Namespace

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#### **IniFileSection Constructor**

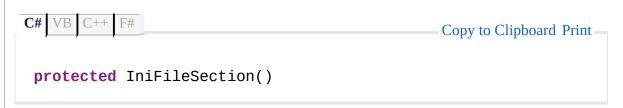
regdiff Code Documentation

The default constructor creates an unamed section without a parent. Used only by the public IniFile constructor.

Namespace: com.tikumo.regis3.ini

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**



#### **See Also**

IniFileSection Class
IniFileSection Members
IniFileSection Overload
com.tikumo.regis3.ini Namespace

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# **IniFileSection Constructor (String, IniFileSection)**

regdiff Code Documentation

This constructor creates a named section with a parent

Namespace: com.tikumo.regis3.ini

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**

```
C# VB C++ F#

Copy to Clipboard Print

public IniFileSection(
    string name,
    IniFileSection parent
)
```

#### **Parameters**

name

Type: System String Name of this section

parent

Type: com.tikumo.regis3.ini IniFileSection

Parent section. Must not be null

#### **See Also**

IniFileSection Class
IniFileSection Members
IniFileSection Overload
com.tikumo.regis3.ini Namespace

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#### **IniFileSection Fields**

regdiff Code Documentation

The IniFileSection type exposes the following members.

#### **Fields**

	Name	Description	
•	Entries	List of entries in this section.	
•	Parent	Parent section or null if this is the root section	
•	Sections	List of child sections. Can be empty for flat files	

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#### See Also

IniFileSection Class com.tikumo.regis3.ini Namespace

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#### **IniFileSection Entries Field**

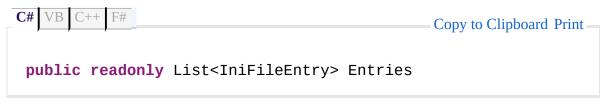
regdiff Code Documentation

List of entries in this section.

Namespace: com.tikumo.regis3.ini

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**



#### Field Value

Type: List IniFileEntry

#### **See Also**

IniFileSection Class
IniFileSection Members
com.tikumo.regis3.ini Namespace

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#### **IniFileSection Parent Field**

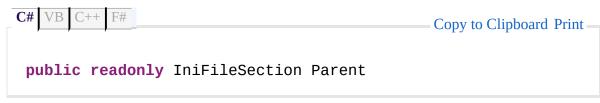
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Parent section or null if this is the root section

Namespace: com.tikumo.regis3.ini

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**



#### Field Value

Type: IniFileSection

#### **See Also**

IniFileSection Class
IniFileSection Members
com.tikumo.regis3.ini Namespace

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#### **IniFileSection Sections Field**

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List of child sections. Can be empty for flat files

Namespace: com.tikumo.regis3.ini

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**



#### Field Value

Type: List IniFileSection

#### See Also

IniFileSection Class
IniFileSection Members
com.tikumo.regis3.ini Namespace

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#### **IniFileSection Methods**

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The IniFileSection type exposes the following members.

#### **Methods**

	Name	Description	
<b>≡</b>	ToString	Create a string description of this instance (Overrides Object ToString .)	

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#### **See Also**

IniFileSection Class com.tikumo.regis3.ini Namespace

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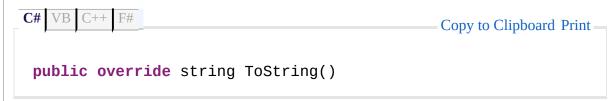
#### IniFileSection ToString Method regdiff Code Documentation

Create a string description of this instance

Namespace: com.tikumo.regis3.ini

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**



#### **Return Value**

Type: String

String description of this instance

#### **See Also**

IniFileSection Class
IniFileSection Members
com.tikumo.regis3.ini Namespace

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# **IniFileSection Properties**

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The IniFileSection type exposes the following members.

# **Properties**

Name	Description
Name	Name of this section

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#### **See Also**

IniFileSection Class com.tikumo.regis3.ini Namespace

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#### IniFileSection Name Property regdiff Cod

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Name of this section

Namespace: com.tikumo.regis3.ini

**Assembly:** regis3 (in regis3.dll) Version: 3.4.0.0 (3.4.0.0)

#### **Syntax**



#### **Property Value**

Type: String

#### **See Also**

IniFileSection Class

IniFileSection Members

com.tikumo.regis3.ini Namespace

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