| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/Entity.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/javax/swing/text/html/parser/Element.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/text/html/parser/Parser.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/text/html/parser/Entity.html)    [**NO FRAMES**](http://docs.google.com/Entity.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: [FIELD](#4d34og8) | [CONSTR](#26in1rg) | [METHOD](#35nkun2) |

## **javax.swing.text.html.parser**

Class Entity

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **javax.swing.text.html.parser.Entity**

**All Implemented Interfaces:** [DTDConstants](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html)

public final class **Entity**extends [Object](http://docs.google.com/java/lang/Object.html)implements [DTDConstants](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html)

An entity is described in a DTD using the ENTITY construct. It defines the type and value of the the entity.

**See Also:**[DTD](http://docs.google.com/javax/swing/text/html/parser/DTD.html)

| **Field Summary** | |
| --- | --- |
| char[] | [**data**](http://docs.google.com/javax/swing/text/html/parser/Entity.html#data) |
| [String](http://docs.google.com/java/lang/String.html) | [**name**](http://docs.google.com/javax/swing/text/html/parser/Entity.html#name) |
| int | [**type**](http://docs.google.com/javax/swing/text/html/parser/Entity.html#type) |

| **Fields inherited from interface javax.swing.text.html.parser.**[**DTDConstants**](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html) |
| --- |
| [ANY](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html#ANY), [CDATA](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html#CDATA), [CONREF](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html#CONREF), [CURRENT](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html#CURRENT), [DEFAULT](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html#DEFAULT), [EMPTY](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html#EMPTY), [ENDTAG](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html#ENDTAG), [ENTITIES](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html#ENTITIES), [ENTITY](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html#ENTITY), [FIXED](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html#FIXED), [GENERAL](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html#GENERAL), [ID](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html#ID), [IDREF](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html#IDREF), [IDREFS](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html#IDREFS), [IMPLIED](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html#IMPLIED), [MD](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html#MD), [MODEL](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html#MODEL), [MS](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html#MS), [NAME](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html#NAME), [NAMES](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html#NAMES), [NMTOKEN](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html#NMTOKEN), [NMTOKENS](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html#NMTOKENS), [NOTATION](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html#NOTATION), [NUMBER](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html#NUMBER), [NUMBERS](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html#NUMBERS), [NUTOKEN](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html#NUTOKEN), [NUTOKENS](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html#NUTOKENS), [PARAMETER](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html#PARAMETER), [PI](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html#PI), [PUBLIC](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html#PUBLIC), [RCDATA](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html#RCDATA), [REQUIRED](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html#REQUIRED), [SDATA](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html#SDATA), [STARTTAG](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html#STARTTAG), [SYSTEM](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html#SYSTEM) |

| **Constructor Summary** | |
| --- | --- |
| [**Entity**](http://docs.google.com/javax/swing/text/html/parser/Entity.html#Entity(java.lang.String,%20int,%20char%5B%5D))([String](http://docs.google.com/java/lang/String.html) name, int type, char[] data)            Creates an entity. |

| **Method Summary** | |
| --- | --- |
| char[] | [**getData**](http://docs.google.com/javax/swing/text/html/parser/Entity.html#getData())()            Returns the data. |
| [String](http://docs.google.com/java/lang/String.html) | [**getName**](http://docs.google.com/javax/swing/text/html/parser/Entity.html#getName())()            Gets the name of the entity. |
| [String](http://docs.google.com/java/lang/String.html) | [**getString**](http://docs.google.com/javax/swing/text/html/parser/Entity.html#getString())()            Returns the data as a String. |
| int | [**getType**](http://docs.google.com/javax/swing/text/html/parser/Entity.html#getType())()            Gets the type of the entity. |
| boolean | [**isGeneral**](http://docs.google.com/javax/swing/text/html/parser/Entity.html#isGeneral())()            Returns true if it is a general entity. |
| boolean | [**isParameter**](http://docs.google.com/javax/swing/text/html/parser/Entity.html#isParameter())()            Returns true if it is a parameter entity. |
| static int | [**name2type**](http://docs.google.com/javax/swing/text/html/parser/Entity.html#name2type(java.lang.String))([String](http://docs.google.com/java/lang/String.html) nm)            Converts nm string to the corresponding entity type. |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [clone](http://docs.google.com/java/lang/Object.html#clone()), [equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [hashCode](http://docs.google.com/java/lang/Object.html#hashCode()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [toString](http://docs.google.com/java/lang/Object.html#toString()), [wait](http://docs.google.com/java/lang/Object.html#wait()), [wait](http://docs.google.com/java/lang/Object.html#wait(long)), [wait](http://docs.google.com/java/lang/Object.html#wait(long,%20int)) |

| **Field Detail** |
| --- |

### name

public [String](http://docs.google.com/java/lang/String.html) **name**

### type

public int **type**

### data

public char[] **data**

| **Constructor Detail** |
| --- |

### Entity

public **Entity**([String](http://docs.google.com/java/lang/String.html) name,  
 int type,  
 char[] data)

Creates an entity.

**Parameters:**name - the name of the entitytype - the type of the entitydata - the char array of data

| **Method Detail** |
| --- |

### getName

public [String](http://docs.google.com/java/lang/String.html) **getName**()

Gets the name of the entity.

**Returns:**the name of the entity, as a String

### getType

public int **getType**()

Gets the type of the entity.

**Returns:**the type of the entity

### isParameter

public boolean **isParameter**()

Returns true if it is a parameter entity.

**Returns:**true if it is a parameter entity

### isGeneral

public boolean **isGeneral**()

Returns true if it is a general entity.

**Returns:**true if it is a general entity

### getData

public char[] **getData**()

Returns the data.

**Returns:**the data

### getString

public [String](http://docs.google.com/java/lang/String.html) **getString**()

Returns the data as a String.

**Returns:**the data as a String

### name2type

public static int **name2type**([String](http://docs.google.com/java/lang/String.html) nm)

Converts nm string to the corresponding entity type. If the string does not have a corresponding entity type, returns the type corresponding to "CDATA". Valid entity types are: "PUBLIC", "CDATA", "SDATA", "PI", "STARTTAG", "ENDTAG", "MS", "MD", "SYSTEM".

**Parameters:**nm - the string to be converted **Returns:**the corresponding entity type, or the type corresponding to "CDATA", if none exists

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/Entity.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/javax/swing/text/html/parser/Element.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/text/html/parser/Parser.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/text/html/parser/Entity.html)    [**NO FRAMES**](http://docs.google.com/Entity.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: [FIELD](#4d34og8) | [CONSTR](#26in1rg) | [METHOD](#35nkun2) |

[Submit a bug or feature](http://bugs.sun.com/services/bugreport/index.jsp)

For further API reference and developer documentation, see [Java SE Developer Documentation](http://docs.google.com/webnotes/devdocs-vs-specs.html). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

Copyright 2006 Sun Microsystems, Inc. All rights reserved. Use is subject to [license terms](http://docs.google.com/legal/license.html). Also see the [documentation redistribution policy](http://java.sun.com/docs/redist.html).