| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/NumberFormat.Field.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/java/text/NumberFormat.html)   [**NEXT CLASS**](http://docs.google.com/java/text/ParseException.html) | [**FRAMES**](http://docs.google.com/index.html?java/text/NumberFormat.Field.html)    [**NO FRAMES**](http://docs.google.com/NumberFormat.Field.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: [FIELD](#2s8eyo1) | [CONSTR](#4i7ojhp) | [METHOD](#1ci93xb) |

## **java.text**

Class NumberFormat.Field

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [java.text.AttributedCharacterIterator.Attribute](http://docs.google.com/java/text/AttributedCharacterIterator.Attribute.html)  
 [java.text.Format.Field](http://docs.google.com/java/text/Format.Field.html)  
 **java.text.NumberFormat.Field**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html) **Enclosing class:**[NumberFormat](http://docs.google.com/java/text/NumberFormat.html)

public static class **NumberFormat.Field**extends [Format.Field](http://docs.google.com/java/text/Format.Field.html)

Defines constants that are used as attribute keys in the AttributedCharacterIterator returned from NumberFormat.formatToCharacterIterator and as field identifiers in FieldPosition.

**Since:** 1.4 **See Also:**[Serialized Form](http://docs.google.com/serialized-form.html#java.text.NumberFormat.Field)

| **Field Summary** | |
| --- | --- |
| static [NumberFormat.Field](http://docs.google.com/java/text/NumberFormat.Field.html) | [**CURRENCY**](http://docs.google.com/java/text/NumberFormat.Field.html#CURRENCY)            Constant identifying the currency field. |
| static [NumberFormat.Field](http://docs.google.com/java/text/NumberFormat.Field.html) | [**DECIMAL\_SEPARATOR**](http://docs.google.com/java/text/NumberFormat.Field.html#DECIMAL_SEPARATOR)            Constant identifying the decimal separator field. |
| static [NumberFormat.Field](http://docs.google.com/java/text/NumberFormat.Field.html) | [**EXPONENT**](http://docs.google.com/java/text/NumberFormat.Field.html#EXPONENT)            Constant identifying the exponent field. |
| static [NumberFormat.Field](http://docs.google.com/java/text/NumberFormat.Field.html) | [**EXPONENT\_SIGN**](http://docs.google.com/java/text/NumberFormat.Field.html#EXPONENT_SIGN)            Constant identifying the exponent sign field. |
| static [NumberFormat.Field](http://docs.google.com/java/text/NumberFormat.Field.html) | [**EXPONENT\_SYMBOL**](http://docs.google.com/java/text/NumberFormat.Field.html#EXPONENT_SYMBOL)            Constant identifying the exponent symbol field. |
| static [NumberFormat.Field](http://docs.google.com/java/text/NumberFormat.Field.html) | [**FRACTION**](http://docs.google.com/java/text/NumberFormat.Field.html#FRACTION)            Constant identifying the fraction field. |
| static [NumberFormat.Field](http://docs.google.com/java/text/NumberFormat.Field.html) | [**GROUPING\_SEPARATOR**](http://docs.google.com/java/text/NumberFormat.Field.html#GROUPING_SEPARATOR)            Constant identifying the grouping separator field. |
| static [NumberFormat.Field](http://docs.google.com/java/text/NumberFormat.Field.html) | [**INTEGER**](http://docs.google.com/java/text/NumberFormat.Field.html#INTEGER)            Constant identifying the integer field. |
| static [NumberFormat.Field](http://docs.google.com/java/text/NumberFormat.Field.html) | [**PERCENT**](http://docs.google.com/java/text/NumberFormat.Field.html#PERCENT)            Constant identifying the percent field. |
| static [NumberFormat.Field](http://docs.google.com/java/text/NumberFormat.Field.html) | [**PERMILLE**](http://docs.google.com/java/text/NumberFormat.Field.html#PERMILLE)            Constant identifying the permille field. |
| static [NumberFormat.Field](http://docs.google.com/java/text/NumberFormat.Field.html) | [**SIGN**](http://docs.google.com/java/text/NumberFormat.Field.html#SIGN)            Constant identifying the sign field. |

| **Fields inherited from class java.text.**[**AttributedCharacterIterator.Attribute**](http://docs.google.com/java/text/AttributedCharacterIterator.Attribute.html) |
| --- |
| [INPUT\_METHOD\_SEGMENT](http://docs.google.com/java/text/AttributedCharacterIterator.Attribute.html#INPUT_METHOD_SEGMENT), [LANGUAGE](http://docs.google.com/java/text/AttributedCharacterIterator.Attribute.html#LANGUAGE), [READING](http://docs.google.com/java/text/AttributedCharacterIterator.Attribute.html#READING) |

| **Constructor Summary** | |
| --- | --- |
| protected | [**NumberFormat.Field**](http://docs.google.com/java/text/NumberFormat.Field.html#NumberFormat.Field(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)            Creates a Field instance with the specified name. |

| **Method Summary** | |
| --- | --- |
| protected  [Object](http://docs.google.com/java/lang/Object.html) | [**readResolve**](http://docs.google.com/java/text/NumberFormat.Field.html#readResolve())()            Resolves instances being deserialized to the predefined constants. |

| **Methods inherited from class java.text.**[**AttributedCharacterIterator.Attribute**](http://docs.google.com/java/text/AttributedCharacterIterator.Attribute.html) |
| --- |
| [equals](http://docs.google.com/java/text/AttributedCharacterIterator.Attribute.html#equals(java.lang.Object)), [getName](http://docs.google.com/java/text/AttributedCharacterIterator.Attribute.html#getName()), [hashCode](http://docs.google.com/java/text/AttributedCharacterIterator.Attribute.html#hashCode()), [toString](http://docs.google.com/java/text/AttributedCharacterIterator.Attribute.html#toString()) |

| **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()), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [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** |
| --- |

### INTEGER

public static final [NumberFormat.Field](http://docs.google.com/java/text/NumberFormat.Field.html) **INTEGER**

Constant identifying the integer field.

### FRACTION

public static final [NumberFormat.Field](http://docs.google.com/java/text/NumberFormat.Field.html) **FRACTION**

Constant identifying the fraction field.

### EXPONENT

public static final [NumberFormat.Field](http://docs.google.com/java/text/NumberFormat.Field.html) **EXPONENT**

Constant identifying the exponent field.

### DECIMAL\_SEPARATOR

public static final [NumberFormat.Field](http://docs.google.com/java/text/NumberFormat.Field.html) **DECIMAL\_SEPARATOR**

Constant identifying the decimal separator field.

### SIGN

public static final [NumberFormat.Field](http://docs.google.com/java/text/NumberFormat.Field.html) **SIGN**

Constant identifying the sign field.

### GROUPING\_SEPARATOR

public static final [NumberFormat.Field](http://docs.google.com/java/text/NumberFormat.Field.html) **GROUPING\_SEPARATOR**

Constant identifying the grouping separator field.

### EXPONENT\_SYMBOL

public static final [NumberFormat.Field](http://docs.google.com/java/text/NumberFormat.Field.html) **EXPONENT\_SYMBOL**

Constant identifying the exponent symbol field.

### PERCENT

public static final [NumberFormat.Field](http://docs.google.com/java/text/NumberFormat.Field.html) **PERCENT**

Constant identifying the percent field.

### PERMILLE

public static final [NumberFormat.Field](http://docs.google.com/java/text/NumberFormat.Field.html) **PERMILLE**

Constant identifying the permille field.

### CURRENCY

public static final [NumberFormat.Field](http://docs.google.com/java/text/NumberFormat.Field.html) **CURRENCY**

Constant identifying the currency field.

### EXPONENT\_SIGN

public static final [NumberFormat.Field](http://docs.google.com/java/text/NumberFormat.Field.html) **EXPONENT\_SIGN**

Constant identifying the exponent sign field.

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

### NumberFormat.Field

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

Creates a Field instance with the specified name.

**Parameters:**name - Name of the attribute

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

### readResolve

protected [Object](http://docs.google.com/java/lang/Object.html) **readResolve**()  
 throws [InvalidObjectException](http://docs.google.com/java/io/InvalidObjectException.html)

Resolves instances being deserialized to the predefined constants.

**Overrides:**[readResolve](http://docs.google.com/java/text/AttributedCharacterIterator.Attribute.html#readResolve()) in class [AttributedCharacterIterator.Attribute](http://docs.google.com/java/text/AttributedCharacterIterator.Attribute.html) **Returns:**resolved NumberFormat.Field constant **Throws:** [InvalidObjectException](http://docs.google.com/java/io/InvalidObjectException.html) - if the constant could not be resolved.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/NumberFormat.Field.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/java/text/NumberFormat.html)   [**NEXT CLASS**](http://docs.google.com/java/text/ParseException.html) | [**FRAMES**](http://docs.google.com/index.html?java/text/NumberFormat.Field.html)    [**NO FRAMES**](http://docs.google.com/NumberFormat.Field.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: [FIELD](#2s8eyo1) | [CONSTR](#4i7ojhp) | [METHOD](#1ci93xb) |

[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.

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