| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/LocaleNameProvider.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/util/spi/CurrencyNameProvider.html)   [**NEXT CLASS**](http://docs.google.com/java/util/spi/LocaleServiceProvider.html) | [**FRAMES**](http://docs.google.com/index.html?java/util/spi/LocaleNameProvider.html)    [**NO FRAMES**](http://docs.google.com/LocaleNameProvider.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#1t3h5sf) | [METHOD](#2s8eyo1) |

## **java.util.spi**

Class LocaleNameProvider

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [java.util.spi.LocaleServiceProvider](http://docs.google.com/java/util/spi/LocaleServiceProvider.html)  
 **java.util.spi.LocaleNameProvider**

public abstract class **LocaleNameProvider**extends [LocaleServiceProvider](http://docs.google.com/java/util/spi/LocaleServiceProvider.html)

An abstract class for service providers that provide localized names for the [Locale](http://docs.google.com/java/util/Locale.html) class.

**Since:** 1.6

| **Constructor Summary** | |
| --- | --- |
| protected | [**LocaleNameProvider**](http://docs.google.com/java/util/spi/LocaleNameProvider.html#LocaleNameProvider())()            Sole constructor. |

| **Method Summary** | |
| --- | --- |
| abstract  [String](http://docs.google.com/java/lang/String.html) | [**getDisplayCountry**](http://docs.google.com/java/util/spi/LocaleNameProvider.html#getDisplayCountry(java.lang.String,%20java.util.Locale))([String](http://docs.google.com/java/lang/String.html) countryCode, [Locale](http://docs.google.com/java/util/Locale.html) locale)            Returns a localized name for the given ISO 3166 country code and the given locale that is appropriate for display to the user. |
| abstract  [String](http://docs.google.com/java/lang/String.html) | [**getDisplayLanguage**](http://docs.google.com/java/util/spi/LocaleNameProvider.html#getDisplayLanguage(java.lang.String,%20java.util.Locale))([String](http://docs.google.com/java/lang/String.html) languageCode, [Locale](http://docs.google.com/java/util/Locale.html) locale)            Returns a localized name for the given ISO 639 language code and the given locale that is appropriate for display to the user. |
| abstract  [String](http://docs.google.com/java/lang/String.html) | [**getDisplayVariant**](http://docs.google.com/java/util/spi/LocaleNameProvider.html#getDisplayVariant(java.lang.String,%20java.util.Locale))([String](http://docs.google.com/java/lang/String.html) variant, [Locale](http://docs.google.com/java/util/Locale.html) locale)            Returns a localized name for the given variant code and the given locale that is appropriate for display to the user. |

| **Methods inherited from class java.util.spi.**[**LocaleServiceProvider**](http://docs.google.com/java/util/spi/LocaleServiceProvider.html) |
| --- |
| [getAvailableLocales](http://docs.google.com/java/util/spi/LocaleServiceProvider.html#getAvailableLocales()) |

| **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)) |

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

### LocaleNameProvider

protected **LocaleNameProvider**()

Sole constructor. (For invocation by subclass constructors, typically implicit.)

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

### getDisplayLanguage

public abstract [String](http://docs.google.com/java/lang/String.html) **getDisplayLanguage**([String](http://docs.google.com/java/lang/String.html) languageCode,  
 [Locale](http://docs.google.com/java/util/Locale.html) locale)

Returns a localized name for the given ISO 639 language code and the given locale that is appropriate for display to the user. For example, if languageCode is "fr" and locale is en\_US, getDisplayLanguage() will return "French"; if languageCode is "en" and locale is fr\_FR, getDisplayLanguage() will return "anglais". If the name returned cannot be localized according to locale, (say, the provider does not have a Japanese name for Croatian), this method returns null.

**Parameters:**languageCode - the ISO 639 language code string in the form of two lower-case letters between 'a' (U+0061) and 'z' (U+007A)locale - the desired locale **Returns:**the name of the given language code for the specified locale, or null if it's not available. **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if languageCode or locale is null [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if languageCode is not in the form of two lower-case letters, or locale isn't one of the locales returned from [getAvailableLocales()](http://docs.google.com/java/util/spi/LocaleServiceProvider.html#getAvailableLocales()).**See Also:**[Locale.getDisplayLanguage(java.util.Locale)](http://docs.google.com/java/util/Locale.html#getDisplayLanguage(java.util.Locale))

### getDisplayCountry

public abstract [String](http://docs.google.com/java/lang/String.html) **getDisplayCountry**([String](http://docs.google.com/java/lang/String.html) countryCode,  
 [Locale](http://docs.google.com/java/util/Locale.html) locale)

Returns a localized name for the given ISO 3166 country code and the given locale that is appropriate for display to the user. For example, if countryCode is "FR" and locale is en\_US, getDisplayCountry() will return "France"; if countryCode is "US" and locale is fr\_FR, getDisplayCountry() will return "Etats-Unis". If the name returned cannot be localized according to locale, (say, the provider does not have a Japanese name for Croatia), this method returns null.

**Parameters:**countryCode - the ISO 3166 country code string in the form of two upper-case letters between 'A' (U+0041) and 'Z' (U+005A)locale - the desired locale **Returns:**the name of the given country code for the specified locale, or null if it's not available. **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if countryCode or locale is null [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if countryCode is not in the form of two upper-case letters, or locale isn't one of the locales returned from [getAvailableLocales()](http://docs.google.com/java/util/spi/LocaleServiceProvider.html#getAvailableLocales()).**See Also:**[Locale.getDisplayCountry(java.util.Locale)](http://docs.google.com/java/util/Locale.html#getDisplayCountry(java.util.Locale))

### getDisplayVariant

public abstract [String](http://docs.google.com/java/lang/String.html) **getDisplayVariant**([String](http://docs.google.com/java/lang/String.html) variant,  
 [Locale](http://docs.google.com/java/util/Locale.html) locale)

Returns a localized name for the given variant code and the given locale that is appropriate for display to the user. If the name returned cannot be localized according to locale, this method returns null.

**Parameters:**variant - the variant stringlocale - the desired locale **Returns:**the name of the given variant string for the specified locale, or null if it's not available. **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if variant or locale is null [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if locale isn't one of the locales returned from [getAvailableLocales()](http://docs.google.com/java/util/spi/LocaleServiceProvider.html#getAvailableLocales()).**See Also:**[Locale.getDisplayVariant(java.util.Locale)](http://docs.google.com/java/util/Locale.html#getDisplayVariant(java.util.Locale))

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/LocaleNameProvider.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/util/spi/CurrencyNameProvider.html)   [**NEXT CLASS**](http://docs.google.com/java/util/spi/LocaleServiceProvider.html) | [**FRAMES**](http://docs.google.com/index.html?java/util/spi/LocaleNameProvider.html)    [**NO FRAMES**](http://docs.google.com/LocaleNameProvider.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#1t3h5sf) | [METHOD](#2s8eyo1) |

[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).