

Globalizing Servlets



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Globalizing Servlets

The Process of preparing an applications to support more than one language or culture and data format is called internationalization

Localization

Localization is the process of adapting an internationalized application to support a specific region or locale

Detecting Locale

Module Overview



Detecting Locale

Language Settings

Locale Specific Currency and Dates

Globalizing Servlet

java.util.Locale
Class

Represents a specific Geographical
or Cultural region

For example:

Displaying Currency



Date:

yyyy-mm-dd

dd-mm-yyyy

Locale Methods

`getDefault()`

`getAvailableLocales()`

`getDisplayLanguage()`

`getLanguage()`

`getCountry()`

`getDisplayCountry()`

`getScript()`

`getVariant()`

`getDisplayVariant()`

`getDisplayName()`

Demo



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java.util.Locale
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```
Locale(String language)
Locale(String language,String country)
Locale(String language,String country,
String variant)
```

← Using the Constructors

```
Locale localeFromBuilder = new
Locale.Builder().setLanguage("fr").
setRegion("FR").build()
```

← Using Builder method

```
Locale forLangLocale =
Locale.forLanguageTag("fr-FR")
```

← Using forLanguageTag method

```
Locale localeConstant =
Locale.France
```

← Using Locale Constants

Demo



Language Settings

Locale Specific Currency and Dates

Locale Sensitive Classes

`java.text.DateFormat`

`java.text.NumberFormat`

Demo



Locale Specific Currency
and Dates

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Demo



To Do:

Create a Servlet Page

i18n

- resourceBundle_en_US.properties
- resourceBundle_de_DE.properties
- resourceBundle_fr_FR.properties

Globalizing Servlets



Enter Your Search Query

Submit

English(US)



Entrez la requête Votre recherche

Soumettre

French(France)



Geben Sie Ihre Suchkriterien

erreichen

German(Deutschland)

Summary



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