

Sekhar Srinivasan

@sekharonline4u - www.sekhartheguru.net

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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```
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

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Locale Sensitive Classes java.text.DateFormat

java.text.NumberFormat

Demo



Locale Specific Currency and Dates

Demo

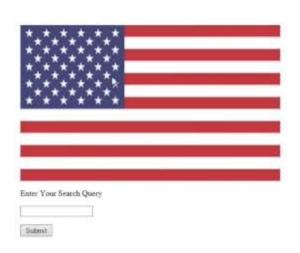


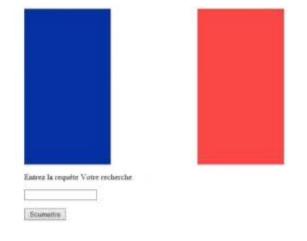
To Do:

Create a Servlet Page

i18n

- -resourceBundle_en_US_.properties
- -resourceBundle_de_DE_.properties
- -resourceBundle_fr_FR_.properties







English(US)

French(France)

German(Deutschland)

Summary



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