


[Home](#) | [Core Java](#) | [Servlet](#) | [JSP](#) | [Struts2](#) | [Mail API](#) | [Hibernate](#) | [Spring](#) | [Android](#) | [Quiz](#) | [Projects](#) | [Interview Q](#) | [Comment](#) | [Forum](#)

[Basics of Java](#)
[OOps Concepts](#)
[String Handling](#)
[Exception Handling](#)
[Nested Classes](#)
[Multithreading](#)
[Synchronization](#)
[I/O](#)
[Serialization](#)
[Networking](#)
[AWT](#)
[Event Handling](#)
[Swing](#)
[LayoutManager](#)
[Applet](#)
[Reflection API](#)
[Collection](#)
[JDBC](#)
[Java New Features](#)
[RMI](#)
[Internationalization](#)
[Internationalization](#)
[ResourceBundle class](#)
[I18N with Date](#)
[I18N with Time](#)
[I18N with Number](#)
[I18N with Currency](#)

ResourceBundle class (Internationalizing Messages)

[<<prev](#) [next>>](#)

The ResourceBundle class is used to internationalize the messages. In other words, we can say that it provides a mechanism to globalize the messages. The hardcoded message is not considered good in terms of programming, because it differs from one country to another. So we use the ResourceBundle class to globalize the messages. The ResourceBundle class loads these informations from the properties file that contains the messages.

Conventionally, the name of the properties file should be filename_languagecode_country code for example MyMessage_en_US.properties.

[ResourceBundle class](#)
[Commonly used methods of ResourceBundle class](#)
[Example of ResourceBundle class](#)

Commonly used methods of ResourceBundle class

There are many methods in the ResourceBundle class. Let's see the commonly used methods of the ResourceBundle class.

- **public static ResourceBundle getBundle(String basename)** returns the instance of the ResourceBundle class for the default locale.
- **public static ResourceBundle getBundle(String basename, Locale locale)** returns the instance of the ResourceBundle class for the specified locale.
- **public String getString(String key)** returns the value for the corresponding key from this resource bundle.

Example of ResourceBundle class

Let's see the simple example of ResourceBundle class. In this example, we are creating three files:

- **MessageBundle_en_US.properties** file contains the localize message for US country.
- **MessageBundle_in_ID.properties** file contains the localize message for Indonesia country.
- **InternationalizationDemo.java** file that loads these properties file in a bundle and prints the messages.

MessageBundle_en_US.properties

```
greeting=Hello, how are you?
```

MessageBundle_in_ID.properties

```
greeting=Halo, apa kabar?
```

InternationalizationDemo.java

```
import java.util.Locale;
import java.util.ResourceBundle;
public class InternationalizationDemo {
    public static void main(String[] args) {
        ResourceBundle bundle = ResourceBundle.getBundle("MessageBundle", Locale.US);
```

UPTO **66% OFF**

MYNTRA ORIGINALS

The Roadsters[®] dressberry
Life Co.

MYNTRA

EXPERIMENTED BY
KOOK[®] REECH

SHOP NOW

MYNTRA.com

FREE SHIPPING | 30 DAY RETURNS
CASH ON DELIVERY

UPTO **66% OFF**

MYNTRA ORIGINALS

The Roadsters[®] dressberry
Life Co.

MYNTRA

EXPERIMENTED BY
KOOK[®] REECH

SHOP NOW

MYNTRA.com

FREE SHIPPING | 30 DAY RETURNS
CASH ON DELIVERY

```
ResourceBundle bundle = ResourceBundle.getBundle("MessageBundle", Locale.US);
System.out.println("Message in " + Locale.US + " : " + bundle.getString("greeting"));

//changing the default locale to indonasian
Locale.setDefault(new Locale("in", "ID"));
bundle = ResourceBundle.getBundle("MessageBundle");
System.out.println("Message in " + Locale.getDefault() + " : " + bundle.getString("greeting"));

}
}
```

Output:Message in en_US : Hello, how r u?
Message in in_ID : halo, apa kabar?

[download this example of ResourceBundle class](#)

<<prev

next>>

Google +

Tweet 79

Like 9k

0

Like the www.javatpoint.com on facebook / google+ / twitter / subscribe to get latest updates



[Sitemap](#) [Core Java](#) [Servlet](#) [JSP](#) [Struts2](#) [Hibernate](#) [Spring](#) [Android](#) [Interview Questions](#)

javatpoint.com is developed to provide easy and point to point learning and training in detail. Examples might be simplified to improve reading and basic understanding. Tutorials and examples are constantly reviewed to avoid errors, but we cannot warrant full correctness of all content. If there is any mistake, please mail to sonoojaiswal1987@gmail.com or sonoojaiswal@javatpoint.com. We provide assurance of 90% interview questions. While using this site, you agree to have read and accepted our terms of use and privacy policy.

Copyright 2011-2012. All Rights Reserved.