

# APACHE POI – WORKBOOKS

[http://www.tutorialspoint.com/apache\\_poi/apache\\_poi\\_workbooks.htm](http://www.tutorialspoint.com/apache_poi/apache_poi_workbooks.htm)

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Here the term 'Workbook' means Microsoft Excel file. After completion of this chapter, you will be able to create new Workbooks and open existing Workbooks with your Java program.

## Create Blank Workbook

The following simple program is used to create a blank Microsoft Excel Workbook.

```
import java.io.*;
import org.apache.poi.xssf.usermodel.*;
public class CreateWorkBook
{
    public static void main(String[] args)throws Exception
    {
        //Create Blank workbook
        XSSFWorkbook workbook = new XSSFWorkbook();
        //Create file system using specific name
        FileOutputStream out = new FileOutputStream(
            new File("createworkbook.xlsx"));
        //write operation workbook using file out object
        workbook.write(out);
        out.close();
        System.out.println("
        createworkbook.xlsx written successfully");
    }
}
```

Let us save the above Java code as CreateWorkBook.java, and then compile and execute it from the command prompt as follows:

```
$javac CreateWorkBook.java
$java CreateWorkBook
```

If your system environment is configured with the POI library, it will compile and execute to generate the blank Excel file named **createworkbook.xlsx** in your current directory and display the following output in the command prompt.

```
createworkbook.xlsx written successfully
```

## Open Existing Workbook

Use the following code to open an existing workbook.

```
import java.io.*;
import org.apache.poi.xssf.usermodel.*;
public class OpenWorkBook
{
    public static void main(String args[])throws Exception
    {
        File file = new File("openworkbook.xlsx");
        FileInputStream fIP = new FileInputStream(file);
        //Get the workbook instance for XLSX file
        XSSFWorkbook workbook = new XSSFWorkbook(fIP);
        if(file.isFile() && file.exists())
        {
            System.out.println(
                "openworkbook.xlsx file open successfully.");
        }
        else
        {
            System.out.println(
```

```
        "Error to open openworkbook.xlsx file.");  
    }  
}  
}
```

Save the above Java code as OpenWorkBook.java, and then compile and execute it from the command prompt as follows:

```
$javac OpenWorkBook.java  
$java OpenWorkBook
```

It will compile and execute to generate the following output.

```
openworkbook.xlsx file open successfully.
```

After opening a workbook, you can perform read and write operations on it.