APACHE POI WORD - BORDERS

In this chapter, you will learn how to apply border to a paragraph using Java programming.

Applying Border

The following code is used to apply Borders in a Document:

```java
import java.io.File;
import java.io.FileOutputStream;
import org.apache.poi.xwpf.usermodel.Borders;
import org.apache.poi.xwpf.usermodel.XWPFDocument;
import org.apache.poi.xwpf.usermodel.XWPFParagraph;
import org.apache.poi.xwpf.usermodel.XWPFRun;

public class ApplyingBorder
{
    public static void main(String[] args)throws Exception
    {
    //Blank Document
    XWPFDocument document= new XWPFDocument();

    //Write the Document in file system
    FileOutputStream out = new FileOutputStream(
    new File("applyingborder.docx"));

    //create paragraph
    XWPFParagraph paragraph = document.createParagraph();

    //Set bottom border to paragraph
    paragraph.setBorderBottom(Borders.BASIC_BLACK_DASHES);

    //Set left border to paragraph
    paragraph.setBorderLeft(Borders.BASIC_BLACK_DASHES);

    //Set right border to paragraph
    paragraph.setBorderRight(Borders.BASIC_BLACK_DASHES);

    //Set top border to paragraph
    paragraph.setBorderTop(Borders.BASIC_BLACK_DASHES);

    XWPFRun run=paragraph.createRun();
    run.setText("At tutorialspoint.com, we strive hard to " +
    "provide quality tutorials for self-learning " +
    "purpose in the domains of Academics, Information " +
    "Technology, Management and Computer Programming " +
    "Languages.");

    document.write(out);
    out.close();
    System.out.println("applyingborder.docx written successully");
    }
}
```

Save the above code in a file named **ApplyingBorder.java,** compile and execute it from the command prompt as follows:

```
$javac ApplyingBorder.java
$java ApplyingBorder
```

If your system is configured with the POI library, then it will compile and execute to generate a Word document named **applyingborder.docx** in your current directory and display the following output:

```
applyingborder.docx written successfully
```

The **applyingborder.docx** file looks as follows: