

HOW TO READ AND WRITE TO EXCEL FILE USING JAVA?

HOW DO YOU DO THAT?

I USE APACHE POI LIBRARY.

APACHE POI

MAVEN

```
<dependency>  
  <groupId>org.apache.poi</groupId>  
  <artifactId>poi</artifactId>  
  <version>3.17</version>  
</dependency>  
  
<dependency>  
  <groupId>org.apache.poi</groupId>  
  <artifactId>poi-ooxml</artifactId>  
  <version>3.17</version>  
</dependency>
```

The first dependency `poi` is used to work with the old Microsoft's binary file format for excel. These file formats have `.xls` extension.

The second dependency `poi-ooxml` is used to work with the newer XML based file format. These file formats have `.xlsx` extension.

APACHE POI TERMINOLOGIES

Apache POI excel library revolves around following four key interfaces -

1. WORKBOOK

- A workbook is the high-level representation of a Spreadsheet.

2. WORKSHEET

- A workbook may contain many sheets.

3. ROW

- Row represents a row in the spreadsheet.

4. CELL

- A cell represents a column in the spreadsheet.