

JODReports

Guide

- Software Requirements
- Quick Start
- Composing Templates

Links

- About
- JODReports
 - Download
 - Guide
 - Documents
 - User Forum
- JODConverter

Home » JODReports » Guide

Quick Start

Use as a Library or Command Line Tool

If you want to include JODReports as a library in your application, or just use it as a command line tool, you can download the `jodreports-2.x.zip` or `jodreports-2.x.tar.gz` distribution.

Once you have unpacked it, you can execute the jar file directly to use it from the command line, e.g.

```
$ java -jar jodreports-2.x.jar
USAGE: net.sf.jooreports.tools.CreateAndConvertDocument
$ java -jar web/WEB-INF/templates/order-template.odt test-data/order-data.xml order.odt
```

will create and order document in ODT format.

The command line tool is especially useful to test templates while you are adding instructions to them. You use a `.properties` or `.xml` file to contain the data to be merged into the template.

A basic example of using JODReports as a library in your Java code would be

```
DocumentTemplateFactory documentTemplateFactory = new DocumentTemplateFactory();
DocumentTemplate template = documentTemplateFactory.getTemplate(new File("my-template.odt"));
Map data = new HashMap();
data.put("var", "value");
//...
template.createDocument(data, new FileOutputStream("my-output.odt"));
```

this uses a simple Map to hold variables. Alternatively you can pass a more complex Java object model, or use XML.

Use as a Web Application

For use as a web application it is easier to download the `jodreports-2.x.war` distribution, which is a standard web application archive, and deploy it into your favourite servlet container or application server.

For Apache Tomcat for example just copy the `war` file into the `webapps` directory in your Tomcat installation and it will be visible at (typically) `http://localhost:8080/jodreports-2.x/`.

The web application includes the demos you can see online and can be used as it is or a starting point for integrating JODReports into your own web applications.