

JasperReport installation

Checking the prerequisites

Java

Check the version of Java installed or install a version \geq Java1.8

Ant

Get an archive of Ant (<http://ant.apache.org>)

Unzip and put \$ ANT_HOME / bin in the PATH variable

Ivy

Get an archive of Apache Ivy (<http://ant.apache.org/ivy>)

Unzip and place the jar in \$ ANT_HOME / lib

JasperReport installation

Recover the archive and extract it to the installation directory.

Running the examples

Starting the sample database

The sample database is a HyperSonic database included in the distribution.

- To start, the server:

Run the *ant runServer* command in the \$ JS_HOME / demo / hsqldb directory

- To access the database of examples with a client

Run the ***ant runManager*** command in the \$ JS_HOME / demo / hsqldb directory. Then configure a connection of type "HSQL Database Engine Server" with a connection to localhost

View the tables in the examples database, run some SQL queries.

Generation of sample reports

All demo / samples directories contain ant scripts to generate sample distribution reports.

The ***ant -p*** command in an example directory lists all the available commands provided. The ant <target> command then executes one of the commands.

Execute the commands to view the reports contained in the subreport and charts directory. Please note that the commands must respect the sequence for generating a report.

Generate reports in different formats.