![TEAM - Ihr Partner für IT]

JasperReports-Servers Comparison

JasperReports®

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Introduction

On the markt there are three JasperReports servers. Each server has its own objectives, which will be discussed in the next chapter. Tibco offers the Community and the Commercial version of their JasperServer. TEAM offers the Jasper4Oracle Server.

Objectives/Description of the individual servers

1. Tibco JasperReports-Server Community Edition

Objectives

The objective of the server is to enable a user to call his predefined reports. The server is free of charge and licensed under the AGPL license. The server has a user administration and offers the user the possibility to call his desired report and to parameterize his report via input masks.

Functionality

In the community version it is possible to set up a scheduling, whereby reports are automatically sent by e-mail.
In principle, it is possible to trigger the creation of a report from an application via a REST interface. If, for example, the report is to be displayed as a PDF on the JasperReports Server, the username and password must be forwarded in plain text in the visible URL, due to the user administration.
The JasperReports Server requires a repository database for user administration and must be deployed on an application server.
The deployment of reports is typically done manually via the web interface, since scripting via the REST interface quickly becomes very complex.

2. Tibco JasperReports-Server Commercial Version

Objectives

The objective of the server in the commercial version is to provide a BI interface.

Functionality

To provide a BI interface, the server is enhanced so that users can interactively create reports and dashboards themselves.
Apart from the license, everything described in the Community Edition also applies to the Commercial Version.

3. TEAM Jasper4Oracle-Server (J4O-Server)

Objectives

The objective of the J4O server is to replace the Oracle Reports Server in frequently occurring scenarios.

Functionality

Since the J4O server was developed as a backend server, it has neither a user administration, an interface through which reports can be selected and generated by users, nor a scheduling function.
Instead, it provides a PL/SQL interface that allows the J4O server to easily print from PL/SQL, send reports as email, create files on the server directly, or view them in the browser (e.g. as PDF).
The J4O server works stand-alone and therefore does not require an application server.
Reports are deployed by simply copying a jar file generated from the studio.

JasperReports-Servers Comparison

	Tibco Community	Tibco Commercial	TEAM J4O-Server
Printing reports	No	No	Yes
Sending reports by e-mail	No	No	Yes
Sending scheduled e-mails	No	No	Using Database-Jobs
Reports stored as Files on the Server	No	No	Yes
User interface for displaying reports	Yes	Yes	No
User administration	Yes	Yes	No
Database connection	Assigned to the report	Assigned to the report	Passed when called
PL/SQL Interface	No	No	Yes
Displaying a report from the application	Yes, but username and password need to be passed in plain text in the URL	Yes, but username and password need to be passed in plain text in the URL	Yes
Creating Dashboards	No	Yes	No
Deployment of Reports	Manually in the Web interface	Manually in the Web interface	Copying a file
Runtime	On Application Server	On Application Server	Stand-Alone
Kosten	Free of charge	Dependent on the CPU cores (To be clarified with Tibco)	2.000 € per Year

For more information about the TIBCO JasperReports Server Editions, see:
https://www.jaspersoft.com/de/editions-de

For more information about the Jasper4Oracle Server, see:
https://www.team-pb.de/oracle/jasperreports/jasper4oracle-server/