JET – JUNIT EXPRESS TESTS.
TEST AUTOMATION OF DATABASE TESTS.

TEST & QA

Testing and quality assurance (QA) are critical to ensuring the quality and functionality of software. It helps to avoid costly errors and ensures that the software meets the requirements of end users.

JET - JUnit Express Tests - is testing framework based on [JUnit](#) and executed on the [Eclipse platform](#). It allows for JET-Tests test packages to be executed efficiently and automatically. It offers a connection to ALM processes and enables a quantumleap in the development and operation of database-oriented tests!

One-Pager Summary

Despite all the compromises that must be made in the design, development, deployment and operation of a digital business system, there is one thing that must not be shaken – and that is *quality*. To ensure quality, it is necessary to measure the fulfillment of professional and technical specifications, which can be achieved by applying systematic and well-covering *tests*. For database-oriented digital systems, the "JUnit Express Tests" (JET) framework presented here is precisely based on the test phase of the "Application Lifecycle Management" (ALM) process.

JET – WHAT? FOR WHAT? HOW?

JET is a solution written using the Java programming language that is based on the JUnit framework and runs in the Eclipse development environment. JET can be used to test, analyze, and export database objects and the data they contain. See JET PowerPoint presentation at bit.ly/JETview.

"If you don't test, you don't engineer! "

— Rico Mariani (Microsoft)

"What gets measured gets managed! "

— Peter F. Drucker

Q&A – QUESTIONS AND ANSWERS

Q: What are the benefits and features of JET?

A: JET enables automated and efficient test execution of database tests. It allows 80% to 100% of JET tests to be generated automatically and allows connection to ALM processes (HPQC, JIRA).

Q: What is the licensing model of the JET-Framework?

A: JET is open-source software under MIT license. Custom Layer – Provider License, Client Layer – Customer License. This allows flexible scenarios fordifferent customers.

Q: What is the business model of the JET-Framework?

A: License fees for custom layers + consulting for creation/customization/operation of customer JET test cases .

Q: How comprehensive is the JET-Framework?

A: JET has **3 layers** – Base, Custom and Client.

Q: What is the potential of the JET-Framework?

A: JET-Framework allows aquantum leap from handful of "manual" SQL and Excel tests to several hundred or even thousands of automated JET tests. This is always a selling point to the customer and a strong salesgrowth factor.

Q: How much does the JET-Framework cost?

A: JET is open-source software under MIT license and can be used for free, see GitHub bit.ly/JETGitHub

JET Framework runs on Eclipse and JUnit platform

JET Presentation: bit.ly/JETview

This One-Pager: bit.ly/JETpage

GitHub repository: bit.ly/JETGitHub

Mykola Dobrochynskyy

+49 (0) 1577 380 27 66
ceo@soft-fact.de