

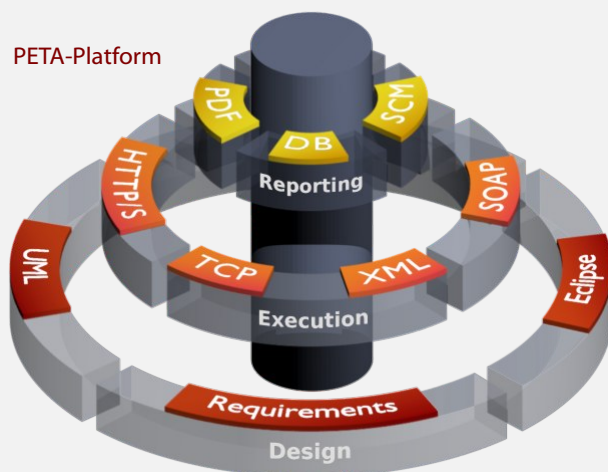
PETA - Platform for effective test automation

is a multi-purpose Tool for quality assurance in software projects. **PETA** components carry out functional tests, like system and integration tests, as well as non-functional tests, like stress and load tests. The main focus is on tool-aided testing of message-driven systems, such as client-server architectures (C/S), service oriented architectures (SOA) or Web 2.0 applications.

PETA-platform offers a wide tool collection to simply construct test cases right out of the box: Use an intuitive graphical editor for test case authoring with modular technique. Apply a web recorder, which enables you to snapshot example-driven test cases with the ability to modify and scale to a scenario-covering set of test descriptions (mass tests). Derive test descriptions (XML code) from a system model.

Numerous interfaces assist you when customizing PETA for your project needs. PETA allows its smooth integration in development processes and seamlessly fits into existing programming environments.

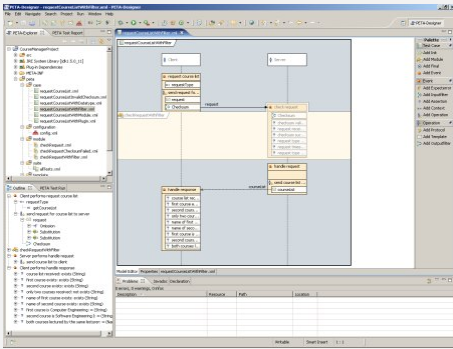
Test scenarios are composed by modules, which assures them to stay redundancy-free to a great extent and keeps test components reusable. Therefore, having developed test cases for one time, they will last, accompanying the entire system life cycle, from product development through upgrades and maintenance.



General Survey

- Combines functional and non-functional testing
- Integrative platform for scaling requirements
- Short familiarization, enduring for many fields of application
- One-stop creation, operation and reporting
- High-efficient, redundancy-free and re-usable
- Extensive assistance for test case generation

PETA Integrated Development Environment



Test Case Creation

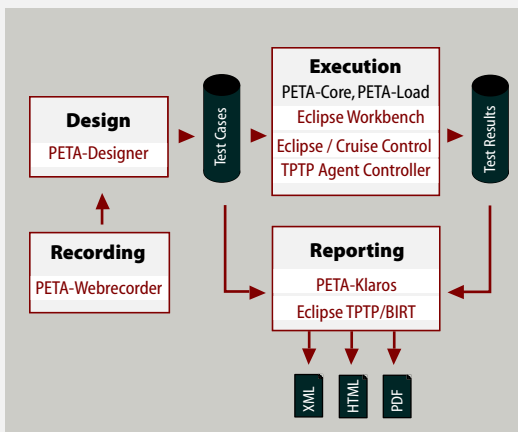
PETA-Designer merges with Eclipse development environment and expands it in various ways, all allowing you to develop and create test cases within your favorite IDE. PETA-Designer offers a powerful graphical user interface, which allows you to model test cases simply by drag & drop, even without having programming skills. Test cases can be worked out and present themselves in the shape of the well-known UML Sequence Diagrams.

Numerous wizards and modal dialogs, as well as a comprehensive error checking, assist you at your work. Besides test case development, PETA-Designer also allows local test execution and provides graphical reports, which can be exported in numerous formats. For your individual project requirements, PETA-Designer offers many expansion and plug-in facilities.

Execution of Automated Tests

PETA-Core allows the unattended execution of your test cases. You can easily integrate it in an existing build- and release-management. In result, each new software release of your project can be checked along the way (with so called regression tests). If software components are yet missing in your project, PETA-Core can even simulate their existence and thereby improve the whole development process.

PETA Components



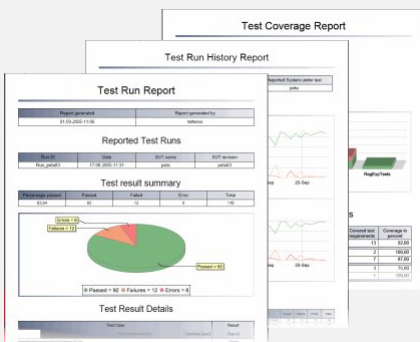
Recording Web Interactions

PETA-Webrecorder is used to electronically record all browser interactions. This logs the whole communication between browser and server. Recorded logs are transformed to editable test cases. It is easy to create them by simply interacting with your application. You can even edit, modify and multiply recorded cases, to comfortably create a huge amount of them for load tests.

Load and Stress Testing

PETA-Load serves as load generator of the PETA-Platform. Its an ease to let it simulate thousands of business process queries onto the service under test, concurrently. There is no other way to test hardware configuration and workload prior to clearing your system. Anticipate scenes of real-term user interactions and run them in a multitude of constellations.

PETA Test Reports



Test Reporting

PETA-Klaros is the application to manage all test cases in a database. It retains every result of test runs. PETA-Klaros enables you to recall test scores at any stage of development, for any version, any time. Convince your line superiors or customers with impressive reports. Tailor form and content of test reports individually, according to your requirements.

Please contact us for individual offers and further information at the address below: