

Definite tools in ITF.

Possible tools in ITF depending on contract award.

IBM Collaborative Lifecycle Management on Cloud

Optimized for cloud and hybrid delivery



IBM® Rational® Collaborative Lifecycle Management on cloud Combines IBM Rational Team Concert™, IBM Rational DOORS® Next Generation, and IBM Rational Quality Manager. Delivers requirements management, quality management, change and configuration management, and project planning and tracking. These integrated capabilities foster communication, collaboration and visibility to accelerate delivery, improve quality and support better development decisions.

<https://www.ibm.com/us-en/marketplace/application-lifecycle-management>

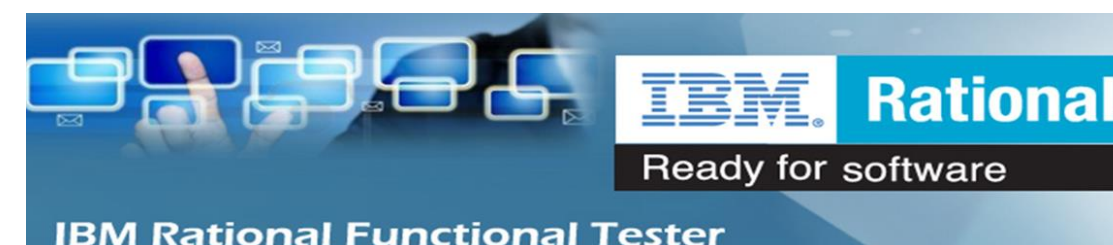
Rational Test Workbench

API testing, functional UI testing, performance testing and service virtualization

IBM® Rational® Test Workbench

Provides software testing tools supporting a DevOps approach: API testing, functional UI testing, performance testing and service virtualization. To achieve DevOps or continuous delivery, software testing teams must automate regression testing to reduce the risk of deploying poor quality software into production. Effective test automation should include application programming interface (API) testing, user interface testing and overall system testing. Rational Test Workbench helps automate and run these tests earlier and more frequently to discover errors sooner.

<http://www-03.ibm.com/software/products/en/rtw>



IBM Rational Functional Tester

IBM® Rational® Functional Tester

An automated functional testing and regression testing tool. Provides automated testing capabilities for functional, regression, GUI, and data-driven testing. Supports a range of applications, such as web-based, .Net, Java, Siebel, SAP, terminal emulator-based applications, PowerBuilder, Ajax, Adobe Flex, Dojo Toolkit, GEF, Adobe PDF documents, zSeries, iSeries, and pSeries.

<http://www-03.ibm.com/software/products/en/functional>

IBM Rational Performance Tester

IBM® Rational® Performance Tester

A performance testing tool that identifies the presence and cause of system performance bottlenecks. Simplifies test-creation, load-generation, and data-collection processes that help teams ensure the ability of their applications to accommodate required user loads.

<https://www.ibm.com/developerworks/downloads/r/rpt/>



IBM® InfoSphere® Optim™ Test Data Management Optimizes and automates the test data management process. Prebuilt workflows and services on demand facilitate continuous testing and Agile software development. Helps development and testing teams use realistic, right-sized test databases or data warehouses to accelerate application development.

<http://www-03.ibm.com/software/products/en/infosphere-optim-test-data-management>



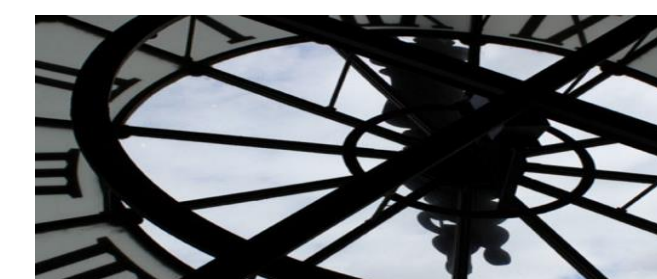
Jira (JEE-rah) is a proprietary issue tracking product, developed by Atlassian. Provides bug tracking, issue tracking, and project management functions. Name is a truncation of Gojira, the Japanese name for Godzilla, itself a reference to Jira's main competitor, Bugzilla. Developed since 2002.

[https://en.wikipedia.org/wiki/Jira_\(software\)](https://en.wikipedia.org/wiki/Jira_(software))



Xray for Jira is an add-on for QA Teams with manual and automated test management inside the Jira product. Main benefit is the complete and automatic traceability from Requirement -to- Test -to- Bug.

<https://marketplace.atlassian.com/plugins/com.xpandit.plugins.xray/server/overview>



Server Time Manipulation – Solution-Soft’s Time Machine®

Provides software virtual clocks to time travel your applications into the future or the past, facilitating time shift testing on your date and time sensitive application logic, such as month end, quarter end, year end processing, billing cycle, work flow, regulatory go live, and policy life cycle. Time Machine eliminates the need to reset the system clock, which is time consuming, error prone and not possible under Active Directory or in a Kerberos secured environment.

<http://www.solution-soft.com/products/time-machine>



UI Performance – LoadComplete

Desktop tool for load, stress, and scalability testing of websites and web applications using modern web technologies like AJAX, ASP.NET, Java, Flash, Flex and Silverlight. Allows you to generate load from virtual machines, on-premise computers, or even the cloud.

<https://smartbear.com/product/loadcomplete/overview/>



SoapUI NG Pro

SOA Functional Testing – API testing tool

For REST, SOAP and other API and IoT protocols, provides comprehensive and functional testing capabilities. Based on open core technology, SoapUI NG Pro helps ensure APIs perform as intended, meet business requirements, and timeframes.

<https://smartbear.com/product/ready-api/soapui-ng/overview/>



LoadUI NG Pro

SOA Load Testing – API load tester.

Use against a single web service endpoint or based off of an existing functional API test created in SoapUI NG. Test the speed and scalability of new changes to your APIs in minutes, not days. Preview API performance behaviors before releasing to production environments. Shift performance insights more to the left so developers build more reliable code.

<https://smartbear.com/product/ready-api/loadui/overview/>



UI Functional Automation – Selenium

Selenium is a portable software testing framework for web apps. It provides a record/playback tool for authoring tests, a test domain-specific language (Selenese) to write tests in a number of popular programming languages, including C#, Groovy, Java, Perl, PHP, Python, Ruby and Scala. Tests can then be run against most modern web browsers. It is open-source software.

[https://en.wikipedia.org/wiki/Selenium_\(software\)](https://en.wikipedia.org/wiki/Selenium_(software))



Dashboards and Reporting – iDashboards

A business intelligence solution to fully utilize information and make highly intelligent business decisions. Uses data visualization technology, providing dashboards that display data via charts and maps and organizes via drill downs.

<https://reviews.financesonline.com/p/idashboards/>

