

What's new in 5.1 (May 2011)

Machine Parameters

The administrative procedure for setting up Projects has been facilitated by the introduction of the concept of Machine Parameters. Parameters which are common to all Build/Deploy environments related to the same machine only have to be created once using a rich web interface which also allows for copying parameters between different Machines.

HP ALM Integration: linking Quality Center defects and providing Test Runner automation

IKAN ALM integrates with the HP Quality Center Issue Tracking System by linking Quality Center Defects to an IKAN ALM Level Request Build and/or Deploy action. The Defects are linked automatically based on the comments provided by the developers when committing code to the VCR. For its part, IKAN ALM retrieves more information from the corresponding Defect out of HP Quality Center such as a short description, the owner, the priority, This information is synchronized each time the build result evolves in the IKAN ALM life-cycle.

The IKAN ALM HPQcTestRunner provides a mechanism for triggering automated tests in HP Quality Center. By adapting the IKAN ALM project build and/or deploy scripts, the automated tests are triggered after every automated build or deploy. This will reduce the number of faulty builds/deploys and, as a consequence, improve the feedback and enhance the builds' stability.

Support for SAP life-cycle

The integration of IKAN ALM with SAP ABAP and the SAP NetWeaver application server:

- provides a solution for the integration of source control for ABAP with Subversion,
- allows to define dependencies between ABAP and NetWeaver code,
- ensures a fully integrated build and deploy process, and
- enables to establish a link with any change request system using the SAP Change and Transport System (CTS).

Redesigned Build and Deploy Parameters Overview

A new rich web interface for viewing, creating and copying Build and Deploy Parameters.

Clone Environments

A new administrative function which makes it possible to swiftly create a new Build or Deploy Environment based on an existing one by taking over its attributes, phases and parameters.

Stronger integration with Issue Tracking Systems

The JIRA and HP ALM Issue Tracking System integration has been extended with a functionality to test the connection with the Issue Tracking System, to manually synchronize Issues and to add a comment and hyperlink from the issue to the related IKAN ALM Level Request(s).

RESTful Webservices interface

In order to integrate with the SAP lifecycle, a RESTful Webservices interface has been created. This provides services for querying (HEAD and GET requests) Users, User Groups, Subversion repositories and Issue Tracking Systems in Global Administration, and Projects, Project Streams and Life-cycles in Project Administration.

New installation interface

In addition to the file-based non-graphical installation process, it is now also possible to install or update the IKAN ALM Server, Agent and Commandline via an ergonomic user interface on a diversity of platforms.

Enhanced functionalities:

- Global Administration landing page.
- Usage overview available in Edit interface of Global Administration objects.
- Option to migrate the parameter prefix from scm4all to alm.
- Ability to search for the Requester User Group in the Level Request overview.
- Description fields for Build and Deploy Parameters.
- Extended description fields for several Global and Project Administration objects.
- Support for Apache Tomcat 7
- Support for MySQL 5.5

Obsolete functionality

The ANT WSAD Scripting Tool has been removed from Global Administration and can no longer be selected as Build/Deploy tool in the environments of a Project.

Bug Fixes

Several small bug fixes and optimizations have also been implemented.

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