

What's new in 5.6 (December 2014)

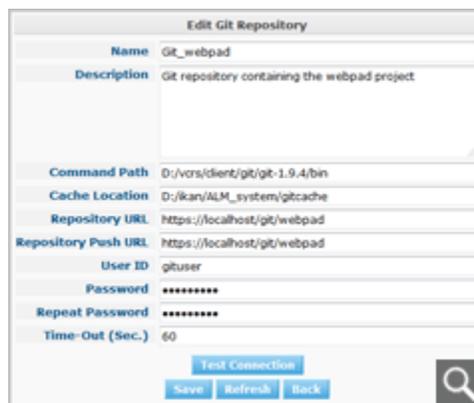
IKAN ALM offers a secure and flexible process-centric Application Lifecycle Management solution for both local and distributed development teams, and manages and automates SOA, Agile and traditional development processes. It complements existing version management tools by automating the complete software lifecycle management process, offering a single point of control and delivering support for your build, deploy, release and software lifecycle management and the associated approval processes. IKAN ALM helps reducing build complexity, solving complex deployment issues and accelerating release cycles.

A tailored lifecycle from development to production, including test and quality assurance, can be implemented, offering a comprehensive framework across all major platforms including Windows, UNIX, Linux and even z/OS mainframe systems.

IKAN ALM 5.6 includes the following new functionalities

Git and Microsoft Team Foundation Version Control Integration

IKAN ALM now supports starting the application lifecycle from sources stored in a Git or Microsoft Team Foundation Version Control (TFVC) Repository. With TFVC, a Package Based (mainframe style) build and deployment process is possible, by selecting and moving individual files or components through a lifecycle. Furthermore, issue IDs provided in commit comments of both Git and TFVC will be identified by IKAN ALM and automatically linked to Builds.



The screenshot shows a web-based configuration form titled "Edit Git Repository". The form contains several fields for repository settings:

- Name:** Git_webpad
- Description:** Git repository containing the webpad project
- Command Path:** D:/vrs/client/git/git-1.9.4/bin
- Cache Location:** D:/ikan/ALM_system/gitcache
- Repository URL:** https://localhost/git/webpad
- Repository Push URL:** https://localhost/git/webpad
- User ID:** gituser
- Password:** [masked with asterisks]
- Repeat Password:** [masked with asterisks]
- Time-Out (Sec.):** 60

At the bottom of the form, there are three buttons: "Test Connection", "Save", and "Refresh". A magnifying glass icon is visible in the bottom right corner of the form area.

New RIA interface for the Level Request Detail

The Level Request Detail and all related pages have been completely redesigned. Core information (e.g., why did the Level Request fail, which approval has to be given, which issues have been solved, ...) is now directly visible. All Level Request related information has been nicely organized in a tabbed-based interface for enhanced usability:

Warning DemoDev / 15.1.0 / TEST / Build_3
338: test
Requested by: global sec 4/17/14 7:00:12 PM

Summary Phase Logs Results Approvals Issues Sources Modifications Dependencies

[Back](#) / [Refresh](#)

Phase Logs

Level Parameters

Phase Name	Start Date/Time	Duration
Retrieve Code	4/17/14 7:10:13 PM	00:00:02
Build	4/17/14 7:10:15 PM	00:00:11
Build 161 on machine docalm	4/17/14 7:10:15 PM	00:00:11
Tag Code	4/17/14 7:10:26 PM	< 1 sec.
Deploy	4/17/14 7:10:26 PM	00:00:02
Deploy 204 on machine docalm	4/17/14 7:10:26 PM	00:00:02
Issue Tracking	4/17/14 7:10:28 PM	< 1 s
Cleanup Work Copy	4/17/14 7:10:30 PM	< 1 s

Integration with MS Team Foundation Work Items

IKAN ALM integrates with the Microsoft Team Foundation Issue Tracking System by linking Team Foundation Work Items to an IKAN ALM Level Request Build and/or Deploy action. The artifacts are linked automatically based on the link with a changeset in Team Foundation, or, when using another versioning system (VCR), based on the comments provided by the developers when committing code to the VCR. IKAN ALM retrieves additional information from the related Team Foundation Work Item such as a short description, the owner, the priority, ... This information is updated each time the build result evolves in the IKAN ALM life-cycle.

Edit Issue Tracking System

Name: TFS

Description: Connection with TFS Work Items

Plugin Factory Class: be.ikan.scm4all.plugin.issuetracking.tfs.TFSIT

URL: https://ikanalm.visualstudio.com/DefaultCollection/Test

User: ikanalm

Password: *****

Repeat Password: *****

Issue Pattern:

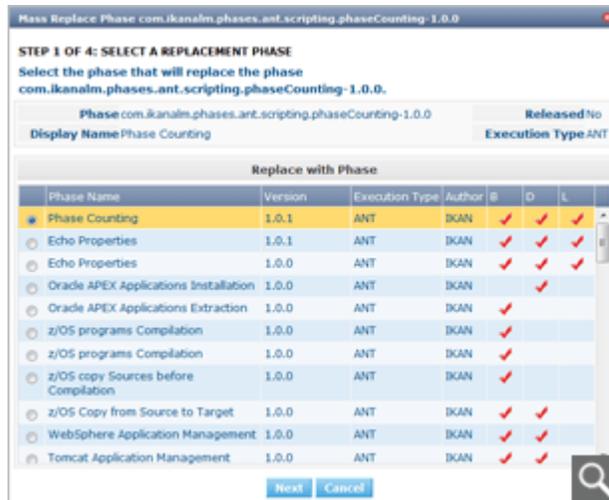
Issue ID Pattern:

Add Comments: Yes No

[Edit Properties](#)

Global Administration functionality to Mass delete or update Phases used in Projects

These new options allow you to replace or delete a Phase in several Environments of different Projects at once. This can be useful when installing a new version of a Phase in multiple Projects. This is a much easier process than having to remove the Phase and insert the Replacement Phase in each Level, Build or Deploy Environment Phases Overview.



Enhanced functionalities

- Renewed interface for creating, updating and viewing Levels
- Renewed interface for creating, updating and viewing VCRs
- Possibility to create and update packages through the command line
- Support for Apache Tomcat 8
- Support for Java 8

Bug fixes

Several small bug fixes and optimizations have also been implemented. Refer to the readme of the installed product for more details.

Get the latest version on: <http://www.ikanalm.com>