

# What's new in 5.7 (June 2016)

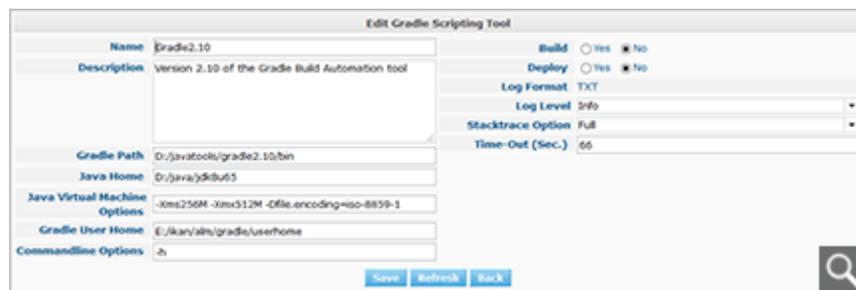
IKAN ALM offers a secure and flexible process-centric Application Lifecycle Management solution for both local and distributed development teams, and manages and automates SOA, Agile and traditional development processes. It complements existing version management tools by automating the complete software 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 5.7 includes the following new functionalities

### Integration with Gradle Build Automation

IKAN ALM now integrates with Gradle, the “modern open source polyglot build automation system” introducing “a concise and expressive build programming language”. A Gradle Scripting Tool defined in IKAN ALM can be used throughout the full application lifecycle: in the standard build and deploy processes, or wrapped in a Custom Phase, which can be easily reused in different projects.



### New Package Build Group concept

A Package Build Group (PBG) establishes a relationship between Packages and allows transferring the latest builds from all or specific packages in a PBG before executing the build process of a Package. This is useful for Mainframe lifecycles, in case Copybooks which are used by programs in several packages are being modified in one of those Packages. Linking the Packages into a PBG, will ensure that the right (version of the) Copybooks will be transported to the concerned packages at compilation time.

Package Build Group Info					
<b>Name</b>	AccountAddressDefChanges				
<b>Description</b>	Package Build Group that manages the dependencies on the Account definition changes in the manage programs and the view and batch layers				
<b>Retrieve All Build Results</b>	No				
<b>Hidden</b>	No				
<a href="#">Edit</a> <a href="#">Refresh</a> <a href="#">Back</a>					
+ <a href="#">Add Package</a>					
Packages					
#	Dependency Level	Package	Project Stream	Description	Actions
0	0	ChangeAccountAddressData	AccountDefinitions H_1	Package that contains the resources to change the data definition of the address in the account table.	<a href="#">+</a> <a href="#">✎</a> <a href="#">✖</a>
1	1	ManageAccountDefChanges	AccountDefinitions H_1	Package that contain all the files that are impacted in the manage account programs by the account data def change	<a href="#">+</a> <a href="#">✎</a> <a href="#">✖</a>
2	2	BatchAccountDefChanges	AccountDefinitions H_1	Package that contain all the files that are impacted in the batch layer by the account data def change	<a href="#">+</a> <a href="#">✎</a> <a href="#">✖</a>
3	2	ViewAccountDefChanges	AccountDefinitions H_1	Package that contain all the files that are impacted in the view layer by the account data def change.	<a href="#">+</a> <a href="#">✎</a> <a href="#">✖</a>

## New RIA interface for creating a Level Request

The Create Level Request page has been completely redesigned. Core information is now directly visible, more obvious data are just one click away. Enhancements have been included in the new design, like reusing the description of previous requests and hiding/showing uneditable parameters.

Desktop>Create Level Request

**Deliver Build** Webpad / H\_1-0 / PRODUCTION  
Web Demo project for IKAN ALM stored in Subversion  
Active Build Number: 27

[Back](#) | [Show Additional Info](#)

**Description** Test Build Parameters

**Previous Descriptions** Test Build Parameters

**Requested Date/Time**

**Selected Build** 29

Build #	OID	Description	Available on	VOR Tag	End
29	379	Test Build Parameters	TEST	H_1-0_b29	1/6/16 3:55:29 PM
27	253	Updated installation script for Java 8	TEST	H_1-0_b07	10/29/14 10:13:42 AM

[Create](#) [Reset](#)

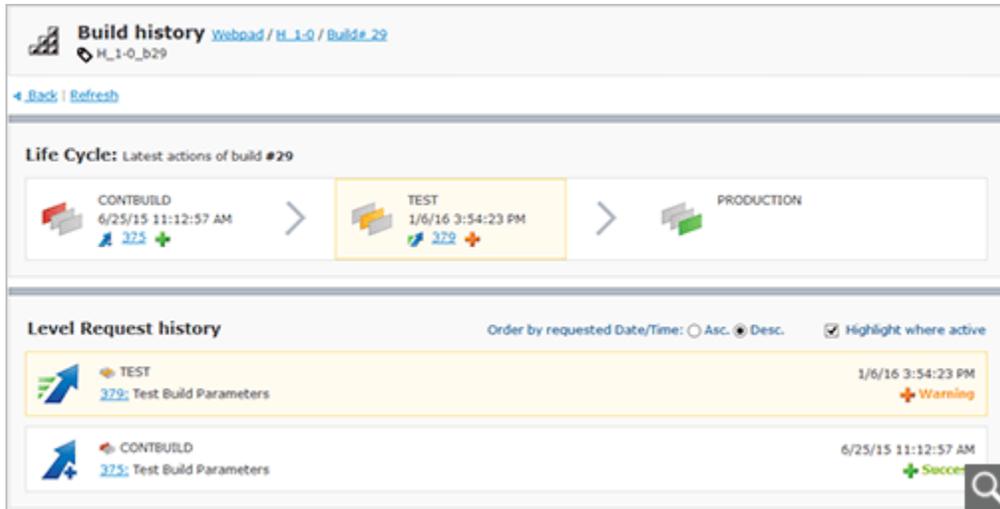
**Parameters**

[Show Uneditable Parameters](#)

Environment	Key	Value
PRODEPLOY	managerurl	http://localhost.ikan.local:8080/manager/text
<input checked="" type="checkbox"/>	managerusername	tomcat

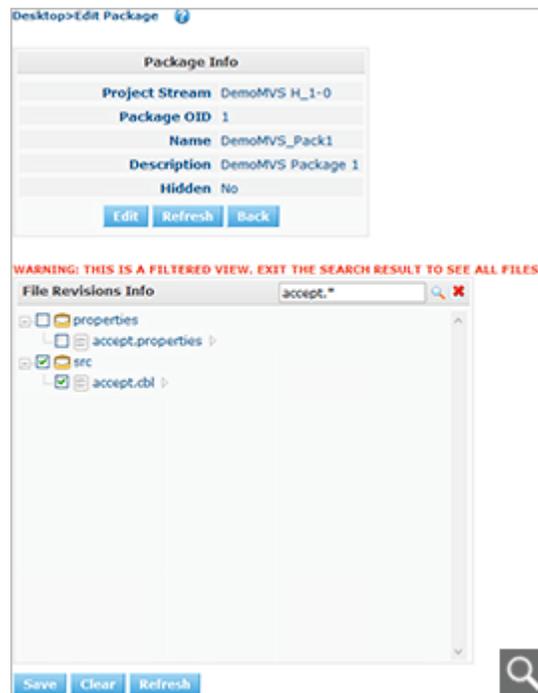
## Redesign of the Build History interface

The renewed Build History page gives a clear overview of how a Build evolved through the lifecycle.



## Filter File Revisions in the Edit Package interface

Possibility to search for Files using wildcards when editing the File Revisions linked to a Package.



## Enhanced functionalities

- Renewed interface for creating, updating and viewing Scripting Tools
- Renewed interface for creating and updating Projects, new Project Info overview
- Refactored JIRA integration to use the JIRA REST API
- Performance optimizations for Packages using Subversion sources, both for the interface as for the build/deploy processes

- Upgrade of the database backend, supporting JDBC 4 drivers
- Support for Windows 10

### **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>**