2014 JIRA Components Refactoring

The page represents a summary of proposed changes in Jenkins JIRA.

> ⓘ **Notice for contributors**
>
> This document is just a draft. Feel free to add new proposals.
> Discussions in jenkinsci-dev
>
> - Initial discussion: https://groups.google.com/d/msg/jenkinsci-dev/luOqm4Qj4sc/aGK4JDvJRmQJ
> - Further components renames/deletion by Daniel Beck: https://groups.google.com/forum/#!topic/jenkinsci-dev/T_V9Z71rbPk

Aims and objectives

- Simplify the component selection for users
- Get rid of "forgotten" categories, which are being rarely reviewed by Jenkins contributors (e.g. "www", "master2slave")
- Make JIRA components similar to GitHub Projects if it is possible
- Introduce the initial state for incoming issues in order to highlight unrevised requests
- Create a specific category for new plugin proposals (proposed by Daniel Beck)

Proposals by category

JIRA Workflow changes

1. Introduce the "Untriaged" state (proposed by Jesse Glick)
    a. This state should be initial for all new issues
    b. "Open" unassigned issues from renamed components should be transferred to this state as well
    c. The similar approach is being used in **SECURITY** project
2. Introduce the "Waiting on requester" state (proposed by Oleg Nenashev)
    a. Aims: Better tracking of hanging requests for additional info and timeouts
    b. JIRA bot could distribute weekly summaries about timeouts

Modification of existing components

Approach:

1. Call IRC Bot to rename/delete the component (see https://issues.jenkins-ci.org/browse/INFRA-100)
2. Manually update the JIRA component ID on Jenkins Wiki (e.g. jiraComponent=customtools-plugin in "excerpt" section)

Component name	New name	Labels	Comments	Status
gui	core	gui		DONE
matrix	matrix-project-plugin	matrix	Most of issues are related to the decoupled Matrix Project plugin	DONE
other	unsorted		Could be a default component	
master-slave	remoting	remoting		DONE
maven2	maven-plugin			DONE
junit	junit-plugin		Should be decoupled according to JENKINS-23263	DONE
www	core	www, gui		DONE
parameters	core	parameter		DONE
hudson-logaction	logaction-plugin			DONE
update-center	core	update, updateCenter		DONE

infrastructure	INFRA/unsorted		Should be moved to the **INFRA** project. The issues review is required as well	DONE
ui-changes	core	www, gui		DONE
mail	mailer-plugin		Most of issues are related to the decoupled Mailer Plugin	DONE
trayapp	hudsontrayapp-plugin			
firefox-extension	firefox-extension-buildmonitor			DONE
ruby-plugin-runtime	ruby-runtime-plugin		The plugin has no Wiki page	DONE
flow	jenkins-flow-plugin		danielbeck says: Why the "jenkins-" prefix? Isn't that implied? (**TODO**)	
repository	maven-repository-plugin			DONE
jenkins-multijob-plugin	multijob-plugin			DONE
plugin	plugin-proposals		A storage for the new plugin proposals	DONE, issues review is required
docker	docker-plugin			renamed component,wiki
(plugin-name)	(plugin-name)-plugin		Clearly indicate what's a plugin by adding a suffix like for github repos	

These non-plugin components are not currently scheduled to be reworked:

- cli
- core

Add comments to existing components referring to plugins

These components don't have a comment of the form "(name) plugin" to indicate they're about plugins. Rename (see above) and add comment:

- analysis-collector
- analysis-core
- artifactory
- backup
- campfire
- clearcase-ucm-baseline
- clone-workspace
- copy-to-slave
- cppunit
- createjobadvanced
- cvs
- doclinks
- fitnesse
- fortify360
- github
- locked-files-report
- logaction
- next-build-number
- parameterized-trigger
- perfpublisher
- platformlabeler
- pview
- radiatorview
- rebuild
- scons
- selenium
- startup-trigger-plugin
- subversion
- swarm
- validating-string-parameter

Add missing component owners

Approach:

- Any plugin component should have an owner (the information can be retrieved from Wiki)
- "core" component - No owner, we rely on the Untriaged state
- Jenkins Core components and libraries should have owners as well (see the table above)

Components to be deleted

The table below contains components, which contain the stuff without the explicit component reference. These components should be deleted, all issues should be handled manually.

Simple cases

Component name	Move issues to...	Comment	Status
email-ext-template-plugin	emailext-template-plugin	Duplicated components	
custom-tools	customtools-plugin	Duplicated components	DONE

Complex cases

Component name	Proposed actions	Status
security	1. Transfer all issues to the "Untriaged" state 2. Inspect and assign issues to proper components (or move to SECURITY)	IN_PROGRESS
hudson.sfbay	1. Close all issues, because they're outdated (Kohsuke)	DONE
concurrent-build	1. Transfer all issues to the "Untriaged" state 2. Inspect and assign issues to proper components	DONE
ant	1. Create the "ant-plugin" component 2. Transfer all issues to the "Untriaged" state 3. Inspect and assign issues to proper components	
slave-setup	1. Rename to slave-setup-plugin 2. Review and cleanup issues (too much garbage)	IN_PROGRESS
oauth-credentials	Same GitHub repose, one of them should be removed: 1. https://github.com/jenkinsci/oauth-credentials/ (15 commits) 2. https://github.com/jenkinsci/oauth-credentials-plugin (2 commits)	
kerberos-authenticator-plugin	Same GitHub repos, one of them should be removed: 1. https://github.com/jenkinsci/kerberos-authenticator-plugin 2. https://github.com/jenkinsci/kerberos-auth-plugin (1 commit)	

New components to be created

The approach:

- In general, only a single component per GitHub repository should exist
- Exception: Jenkins Core
  - Main component: core
  - Several top-level components or decoupling candidates can present as standalone components

Component name	Owner	Description	Comment
core-test-unit	TBD	Jenkins Core Unit Tests	A component for build-in Unit tests
core-test-harness	TBD	Jenkins Test Harness	
native-windows	TBD	Jenkins Native Package for Windows	
native-rpm	TBD	Jenkins Native Package for Red Hat/Fedora/CentOS	
native-opensuse	TBD	Jenkins Native Package for openSUSE	
native-debian	TBD	Jenkins Native Package for Ubuntu/Debian	
native-osx	TBD	Jenkins Native Package for Mac OS X	
native-ips	TBD	Jenkins Native Package for Solaris/OpenIndiana	
stapler	TBD	Stapler HTTP request handling engine	https://github.com/stapler/stapler
winsw	kohsuke	Windows service wrapper	https://github.com/kohsuke/winsw
winp	kohsuke	Windows process management library	https://github.com/kohsuke/winp
winstone	TBD	Patched winstone used in Jenkins	https://github.com/jenkinsci/winstone

| [lib-]crypto-util | kohsuke | Utility around Java Crypto API | [https://github.com/jenkinsci/lib-crypto-util] |
| trilead-ssh2 | TBD | A patched version of Trilead SSH-2 for Java | https://github.com/jenkinsci/trilead-ssh2 |