

Proposal: Add optional "Released as" and "Stage Release" states to JIRA

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Ticket: [INFRA-1301](#)

Summary

As a Jenkins user and contributor, I sometimes have difficulties when I need to understand in which release the fix is available. GitHub commit links from the bot help much, but it requires extra time to navigate across commits and UI. In Jenkins core, Remoting and my plugins I would like to make it more explicit.

It may be helpful for components which do not release the integrated fixes immediately (e.g. Core, its modules, Remoting, Stapler, Blue Ocean, other plugins). For plugins this change should be opt-in in order to avoid impact on plugin maintainers.

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Links

- Thread in the Developer ML:
<https://groups.google.com/forum/#!topic/jenkinsci-dev/wzc4VLpIHvs>
- JIRA ticket: <https://issues.jenkins-ci.org/browse/INFRA-1301>
- Previous change in JIRA: [thread](#) (by James Dumay)

Proposed changes

UPDATE: Modify the workflow in the JENKINS project:

1. Add new "Fixed But Not Released" state (aka "Stage Release")
 - Instead of "In Progress" => "Resolved", contributors can optionally move integrated fixed into the "Fixed But Not Released" state
2. All current transitions in JENKINS workflow **should be retained**
 - JIRA tickets can be moved to "Resolved" state from any existing state
 - "In Review" => "Resolved" is a default transition in UI

ADD: an optional "Released As" field to JIRA (type=String)

1. When a contributor moves the issue to "Fixed But Not Released", "Resolved" or "Closed" state, an optional "Released as" field appears in the dialog
2. Version format in the field is up to maintainers
 - a. Description should have a **recommendation** to use comma-separated list of git tags (e.g. "jenkins-2.74,remoting-3.11" or "git-3.2.3")
3. If the field is non-empty, it will appear in the ticket header, hence users won't need to look into comments and commit histories

UPDATE: Modify JIRA issue link bot

Code locations:

- <https://github.com/cloudbees/java.net-scm-issue-link>

Changes to be done:

1. "FIXED JENKINS-123" should now move the tickets to the "Fixed But Not Released" state in JIRA in the following components:
 - a. Jenkins Core
 - b. All Jenkins Core Modules
 - c. Remoting Library
 - d. Winstone
 - e. Extras Executable WAR
 - f. ...
2. JIRA issue link bot documentation should describe a way to change flow in other components if needed
3. TBD: Automatically fill in the "Released as" field according to POM.xml (proposed by Ullrich Hafner)

Announcement

- A blog post with the change announcement is required
 - ON: See the concern from James Dumay below

Concerns

Impact on plugin maintainers (Ullrich Hafner)

- ON: The document has been updated to make all changes opt-in

Impact on the dashboards/reports (James Dumay)

- ON: There may be some updates required in custom dashboards, but I do not see how it differs from [the previous change](#)
- ON: **Mitigation:** The change will be announced in the blogpost with detailed description of the change and potential impact

Current JIRA structure does not address my needs (James Dumay)

- ON: The proposal is not about the structure rework, please submit a new one