Tikal ALM Suite 2009.3
Release notes

October 2009

Overview

This document summarizes features, workarounds, known issues and other important information regarding recently released version 2009.3 of the Tikal ALM Suite.
List is divided by Suite components.

Tikal Issue Tracker:

The main issue of this release is Tikal Bugzilla based on latest Bugzilla 3.4 with some of the original Tikal Bugzilla enhancements and additional new features.

Tikal Bugzilla 2.20

Only critical change requests and bugs will be fixed for this Bugzilla version.

▸ Change request:
   #2290 - Add CC list to bugzilla-utilities.cgi (func=createIssue)
   #2314 - Add new replaceUserCompDef method to utilities.cgi

▸ Bugs fixes:
   #2308 - Target versions and Fixed In versions are not displayed on search page if Product is not chosen

Tikal Bugzilla 3.4

- Based on to Bugzilla 3.4.2
  See full Release Notes at http://www.bugzilla.org/releases/3.4.2/release-notes.html
- Tikal original features:
  - Tikal skin & dynamic menus
  - Issue Types
  - Subtasks
  - Home page
  - Browse
  - CRM ID link field
  - 'Auto-Reassign' feature
  - Saved Reports
  - Invisible milestones and components
  - ViewVC link including support for multiple viewvc roots in Bugzilla and parameter that holds bugid pattern for View SVN/CVS activity
  - Client-side validations for mandatory fields on New Issue
  - 'do not send mail' checkbox
  - Tikal commit query
  - Show description with summary
  - Template for new issue description
  - Parameter for Summary field length
  - Indicators to use : URL, dependency feature
  - HTML tags for fields: URL, Product, Component, QA Contact

- Additional changes and features:
  - UI:
    - Add custom fields to the Search
    - Add multi-valued custom fields to the Search results
    - Add required fields indication (*) on Create and Edit issue pages
  - Custom fields:
    - Add 5 types of mandatory indicators:
      - always
      - for new issue only
      - for existing issue only
      - for resolved fixed issue only
      - for reopened issues only
    - Add Entity field to the visibility options
    - Add default values for custom fields
    - Add "system" custom fields:
      - implemented as custom fields
      - not displayed in default templates (create and edit issue pages) – should be added in custom templates only
    - Add "system table" custom fields:
      - can get data from existing table instead of default (single and multi select fields)
  - Version field:

- Added status to the Version field: Unreleased, Released, Archived
- Version field will show only Released versions in the drop-down list of Version on New and Edit Issue pages
- Archived versions will not be displayed on the New & Edit Issue pages
- Custom version fields (like Target Version & Fixed In) can be added as 'system_table' custom fields, using versions list.

▸ Changes in 'Subtasks' feature:
- Simplifying of detach process: no changes in status or summary of the detached subtask.
- Common fields validation is performed only when relevant parameter is on

▸ General Notes:
  ▸ There is a migration process from Tikal Bugzilla based on 2.20, see UPGRADE_from_Tikal_2.2.txt for details on how to run it.
  ▸ Since there is no Testopia version that supports Bugzilla 3.4, there is no integration with Testopia for the latest Tikal Bugzilla.
  ▸ Some of the missing Tikal original features will be added in the future releases.

▸ Notes on migration and new implementation of Tikal features:
  ▸ "Tikal" fields - all features that were actually additional fields are migrated to be custom fields.
    - Target Version & Fixed In - system custom fields (already added to the Create/Edit templates as system fields) that are also use system table - get values from versions
    - Found & Fixed In Build - system custom fields (already added to the Create/Edit templates as system fields)
    - Reopen Resolution, QA Impact & Test Guidelines, Doc Req & Doc Guidelines, Customers – migrated as custom fields.
  ▸ Subtasks - works the same, except
    - Attach subtask - can be done only from the Edit Subtasks page
    - Detach subtask - can be done only from the Edit Subtasks page - press detach button: no more 'relevance' checkbox, the subtask is just detached, no changes in the status
    - Reattach subtask - not implemented - workaround: detach, attach to another parent
  ▸ Other features
    - Auto-reassign - automatic reassign of the issue on RESOLVED FIXED and REOPENED - doesn't change the assignee "behind the scene", it changes the assignee when user changes the status, but user can still change it before commit (same as it works with default assignee by component on the new issue).
    - Default CC - there is still default CC defined by Component - adds them to CC once issue is created.
  ▸ Whining fields – since Bugzilla keeps the fields list for every saved search, no need to choose fields for your whining configurations. For existing ones: define columns for every saved search you use in whining.

Tikal Build Manager
Hudson

▸ #2249 - Upgrade Hudson to 1.327
▸ #2248 – Add/Upgrade plugins:
  ▸ Updated Bugzilla plugin to support Bugzilla 3.x
  ▸ Updated Subversion & Subversion Tagging Plug-ins
  ▸ Added GreenBalls - change the default Blue balls to Green
  ▸ Added TextFinder plugin - regex search on build log to fail / approve a build
  ▸ Added Description Setter plugin - add a description to a build
▸ #2298 – Added Subversion Release plugin: adds a "sticky revision" to release builds

Tikal Artifacts Manager
Nexus

▸ #2313- Upgrade Nexus to 1.3.6