MQTT TC JIRA Issues

Introduction and initial process proposal
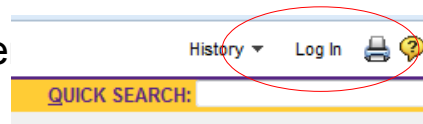
9th of May 2013

Motivation

- We need a channel for MQTT technical discussion

    - Limited face-to-face and teleconference time

    - e-mail threads can become cumbersome and difficult to manage

    - Shared documents are simple to adopt, but require manual management

- JIRA provides a central issue repository

    - Easy to engage with the TC on issues

    - Integrated with the OASIS web space

    - Publicly visible, controlled access for issue management

    - Provides an issue lifecycle

JIRA Basics

- MQTT TC JIRA Issues page

  https://tools.oasis-open.org/issues/browse/MQTT

- Login page (see top right-hand corne

- UserID and Password same as OASIS members site
  This can be changed once logged in

- Jira supports multiple issue types:

  Bug - A problem which impairs or prevents the functions of the product.
  Improvement - An enhancement to an existing feature.
  New Feature - A new feature of the product.
  Task - A task that needs to be done.

- Priority can be set to **Blocker** (Highest), **Critical**, **Major**, **Minor** or **Trivial**

- Issues lifecyle through states **Open**, In **Progress**, **Resolved** and **Closed**, but may be **Reopened** (from resolved or closed)

- An issue may be 'resolved' as **Fixed**, **Wont Fix**, **Duplicate**, **Incomplete** or **Cannot Reproduce**
  Suggest we use just the first three

- For more information on JIRA issues visit
  https://confluence.atlassian.com/display/JIRA/What+is+an+Issue
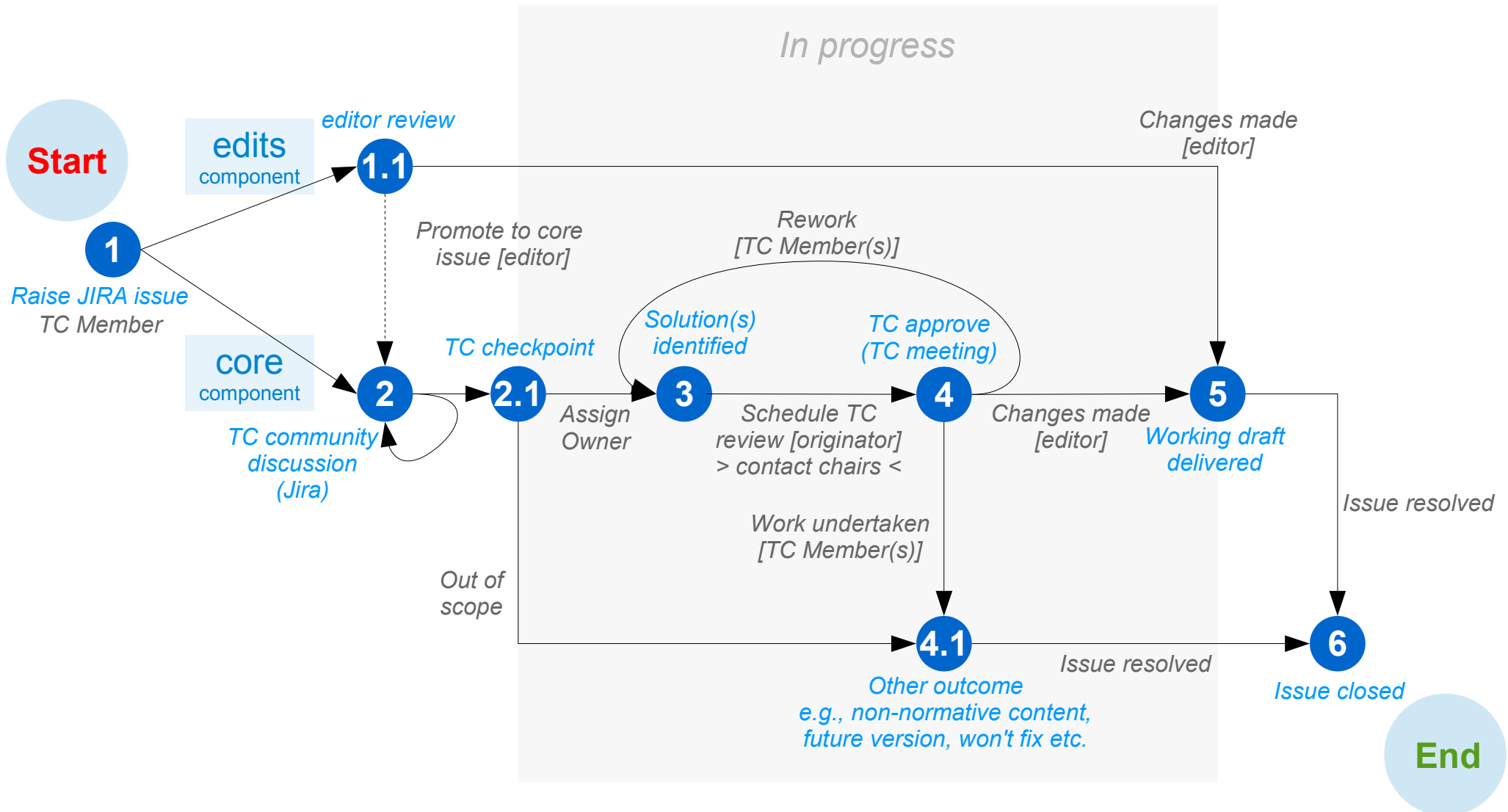
MQTT TC JIRA Set-up

- Currently we have (*just to get started*)

  – A single version **3.1.1**

  – Two components: **edits** and **core**

    edits: straight forward doc issues e.g., typos, basic presentation, minor formatting etc.

    core: MQTT specification issues e.g., ambiguities, clarifications, structural changes etc.

An initial 'light-touch' process

Intentions

- Minimise delay in editors working trivial issues

- All Working drafts will be published with changes clearly marked

- More significant issues get more TC attention

    – Use JIRA for discussion and debate, and when ready;

    – Owner brings candidate solution(s) to a TC meeting for discussion and approval

    – Specification changes are just one solution

- Process owned by all

Candidate Process

Version = 3.1.1
Component = edits | core

Supporting the process

Things to consider

- More components to reflect structure of doc

- Use of multiple versions to target fixes and milestones

- Managing JIRA state changes

- Encouraging JIRA discussion

    – May be possible to 'fast path' straightforward issues?

- Managing dormant, complex or long running issues

    – Bring to TC meeting to agree approach?

- Future MQTT versions

END: Next steps