



ONAP
OPEN NETWORK AUTOMATION PLATFORM

1 Jira Workflow Alignment

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Why and what we did

Why

- To address feedback from Lesson's Learned regarding confusion due to different workflows on Jira issues
- We had 4 different workflows spread out across the projects

What

- Proposal to align ONAP projects on 1 Jira workflow was sent to all the PTLs & general community via email
- Discussions held on 2 separate PTL meetings to review proposal, address questions or concerns
- Requested PTLs to vote +1 if agree on alignment proposal

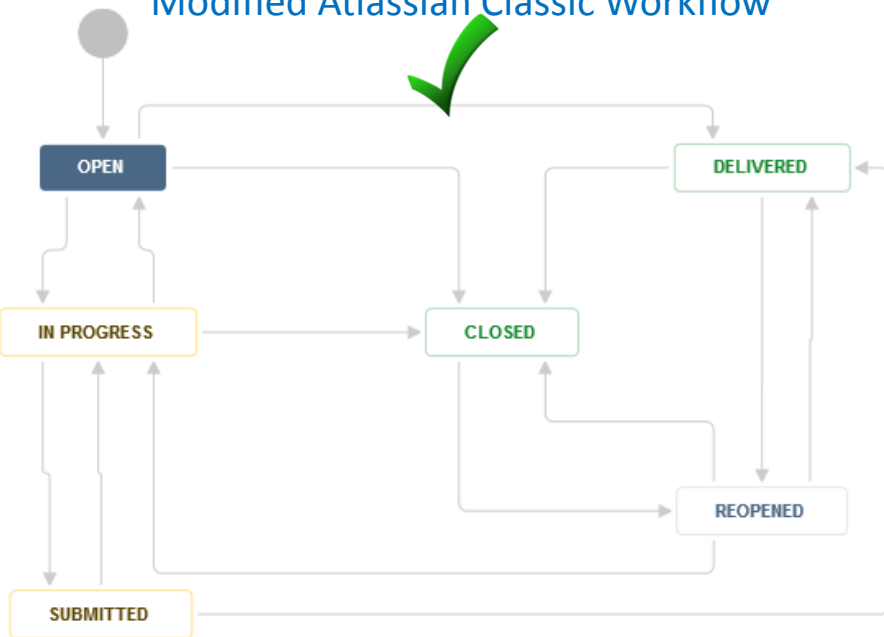
Requirement for the workflow

- Criteria for selection
 - Workflow should be simple and flexible enough to cover various use cases
 - Workflow should not impose unnecessary overhead
- Advantages of using a single workflow:
 - Provides a common language across projects to facilitate ease of communication,
 - Normalizes data for future data mining

Aligned on 1 flow for ONAP Projects

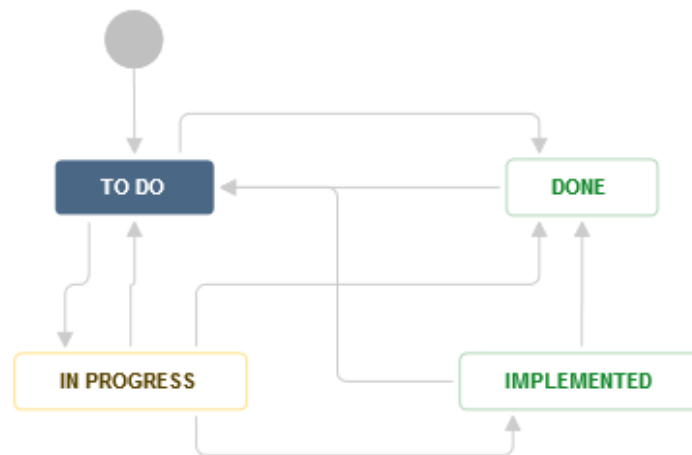
- There were 4 workflows in use; we focused on only 3 of them (CIMAN was not part of scope)
- Selected Modified Atlassian Classic Workflow to unify on since it met the requirements.

Modified Atlassian Classic Workflow



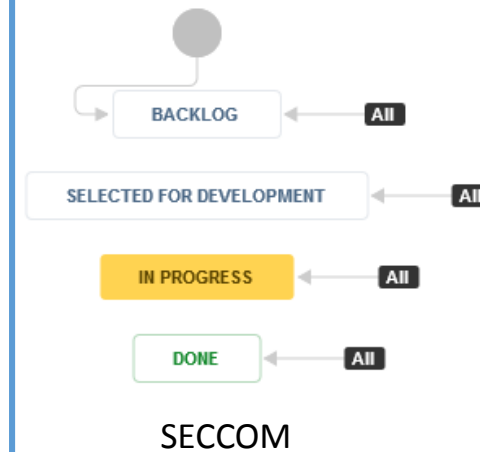
AAI, APPC, CERT, CLAMP, COMMON, DCAEGEN2, DOC, SDNC, OOM, POLICY, PORTAL, SANDBOX, SDC, SO, TEST, UCA, VID

Modified Atlassian Simplified Workflow



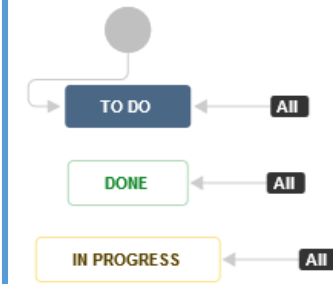
AAF, CLI, CCSDK, CLSC, DMAAP, EXTAPI, HOLMES, INT, LOG, MSB, MODEL, MULTICLOUD, MUSIC, ONAPARC, OPENLABS, OPTFRA, USECASEUI, VFC, VNFRQTS, VVP, VNFS DK

Custom Workflow



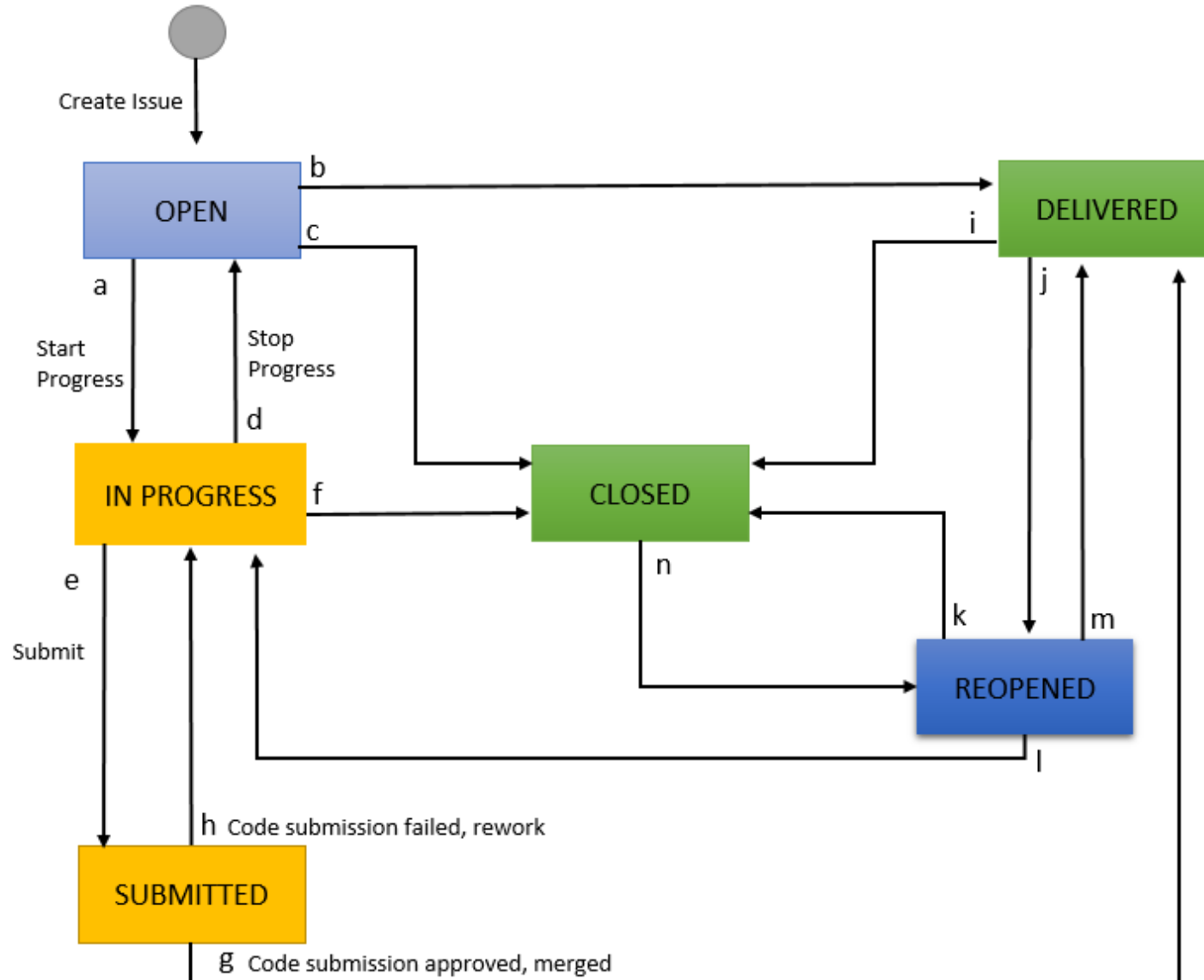
SECCOM

Default Atlassian Simplified Workflow



CIMAN

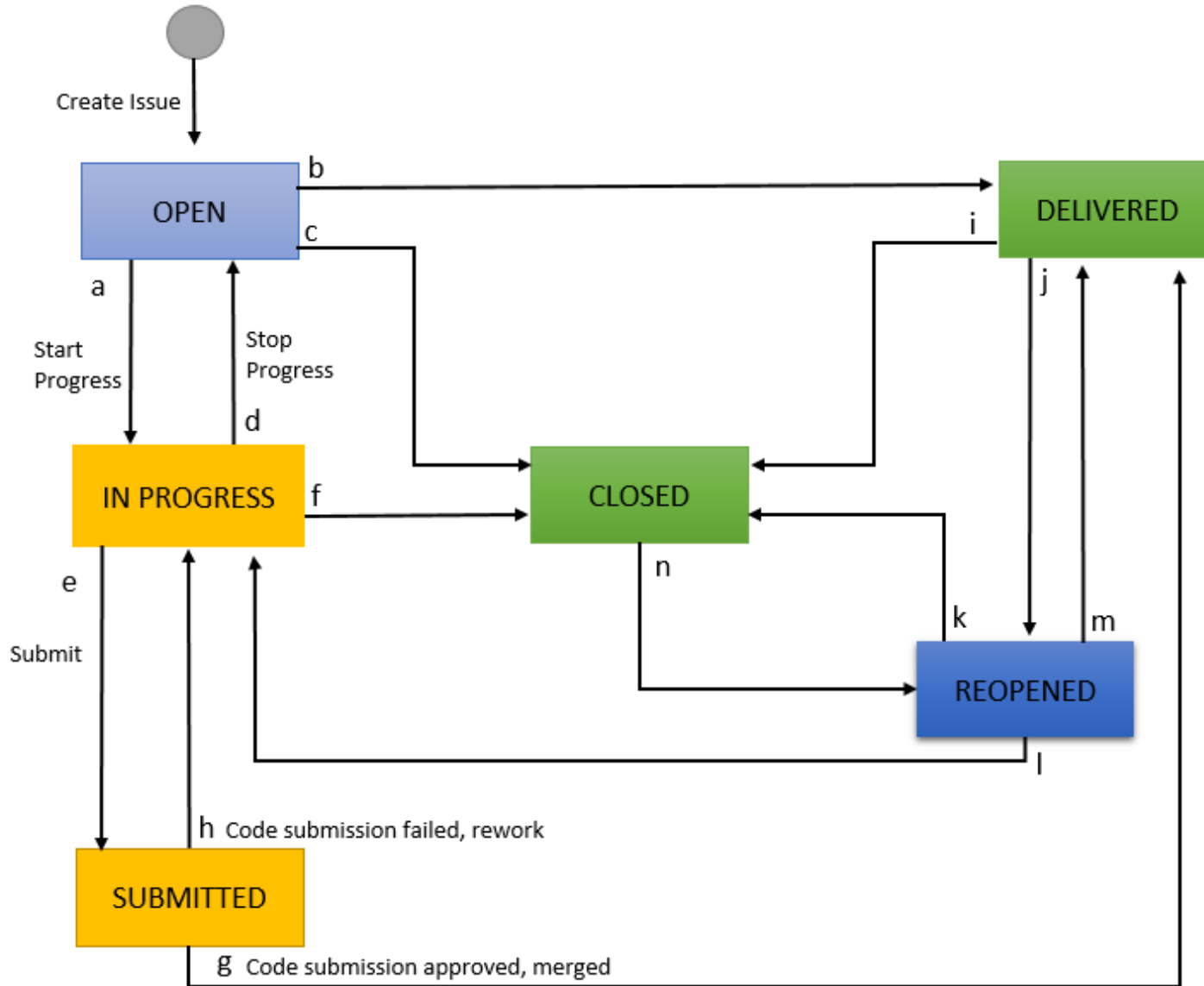
Closer look at selected Jira Workflow - Simple



- The general workflow does not change (i.e., no new Status added)
- Keep it as close to default Atlassian Classic Workflow as possible
- Need for Custom flow would leverage Resolution field instead of Status field and teams would document their specific project process (for example, what was done for SECCOM project – introduced “Recommended” Resolution option)

Status: **OPEN** (View Workflow)
Resolution: Unresolved

Closer look at selected Jira Workflow - Flexible



	From Status	Transition		To Status
a	Open	Start Progress	→	In Progress
b	Open	Deliver	→	Delivered
c	Open	Close	→	Closed
d	In Progress	Stop Progress	→	Open
e	In Progress	Submit	→	Submitted
f	In Progress	Close	→	Closed
g	Submitted	Deliver	→	Delivered
h	Submitted	In-Progress	→	In Progress
i	Delivered	Close	→	Closed
j	Delivered	Reopen	→	Reopened
k	Reopened	Close	→	Closed
l	Reopened	Start Progress	→	In-Progress
m	Reopened	Deliver	→	Delivered
n	Closed	Reopen	→	Reopened

Jira Status and Meaning (most cases)

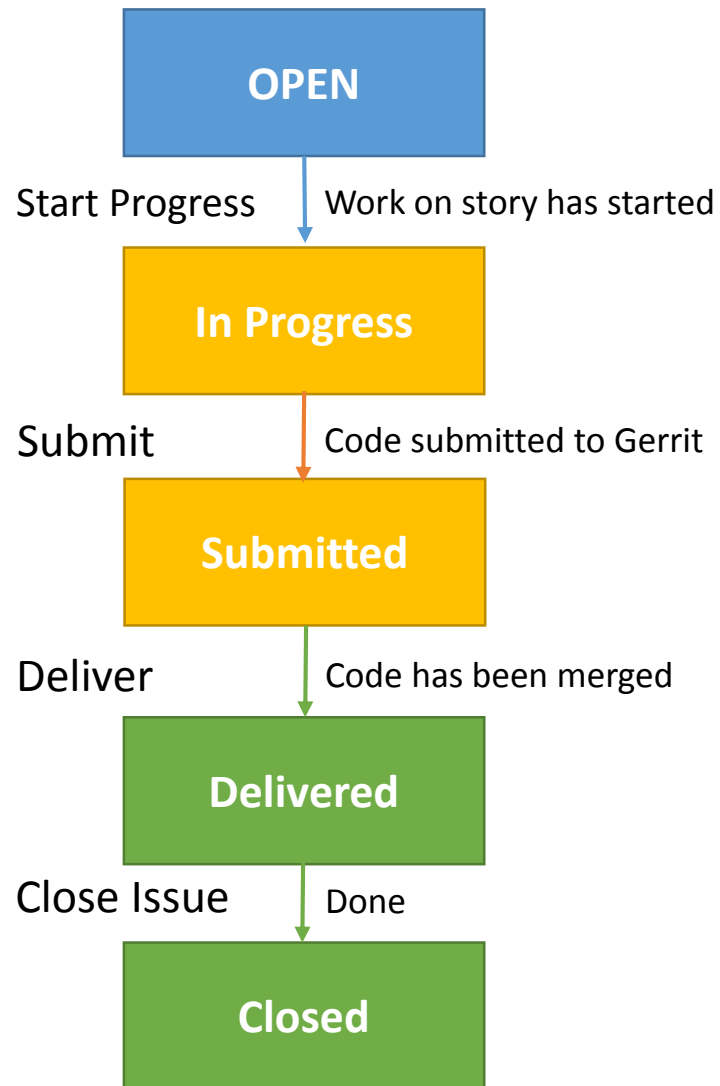
The descriptions below may not cover all possible scenarios (i.e., not all Jira issues result in a Gerrit), but they will hold true for the majority of the activities that take place in ONAP. Cases where no Gerrit is involved, the recommended flow is flexible enough to allow Open -> In-Progress -> Closed.

Jira Status	Description
Open	This is the Default Status upon Jira creation A ticket in Open state means no work has started on it General best practice, items in the backlog not being work would be in an Open Status and unassigned
In Progress	The Jira is assigned to someone and work has started; the Status would be updated to In Progress
Submitted	The Jira is updated to Submitted when the Gerrit submission is made
Delivered	The Jira is updated to Delivered when the Gerrit submission is Merged & build is available
Closed	The Jira is updated to Closed when everything is done and no further activity is planned. For Jira issues where the Reporter and Assignee are the same, then the change from Delivered to Closed can happen back to back; but in cases where the Reporter and Assignee are not the same, the Jira is assigned back to the Reporter after it is put into Delivered state and Reporter owns the right to close it.
Reopen	The Jira may be re-opened if, for example, a fix failed to address an issue or a ticket was closed in error, etc...

Backup slides

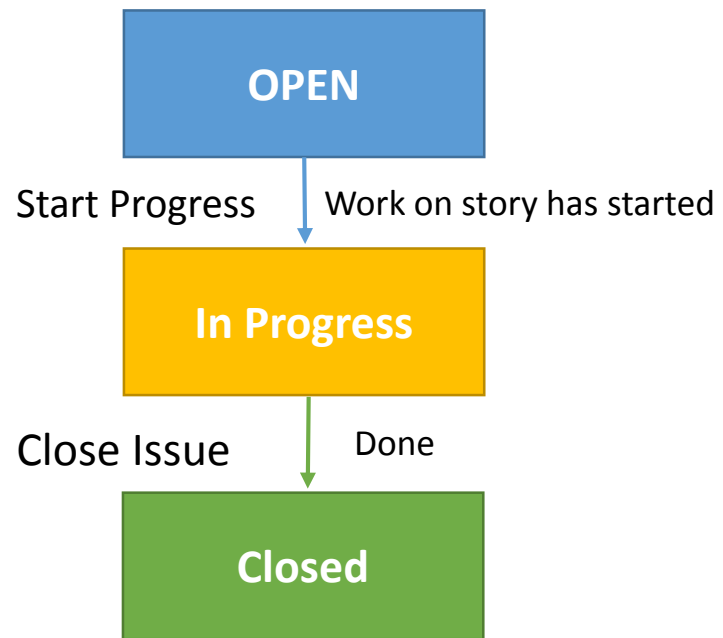
Use Case Examples

Use Case 1: Story – change into Gerrit

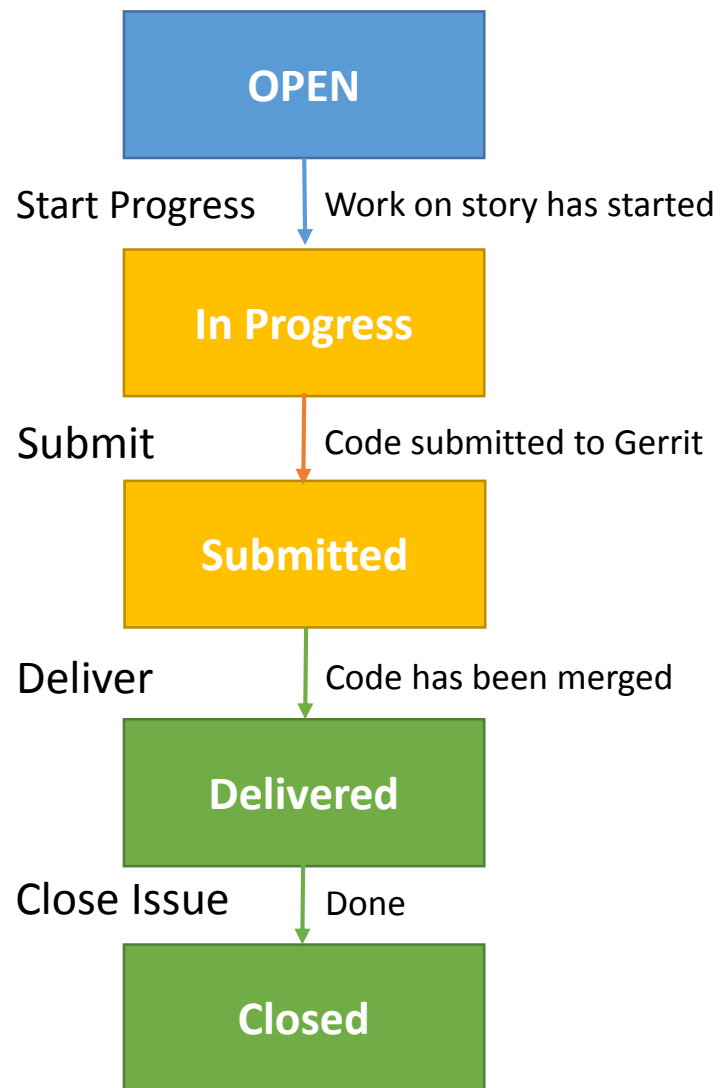


- The use case for a story may vary slightly depending on how teams want to organize themselves; however, that does not change the general flow. The only thing that may be different is who is assigned the Jira at what point in the flow.

Use Case 2: Simple Task or Sub-task

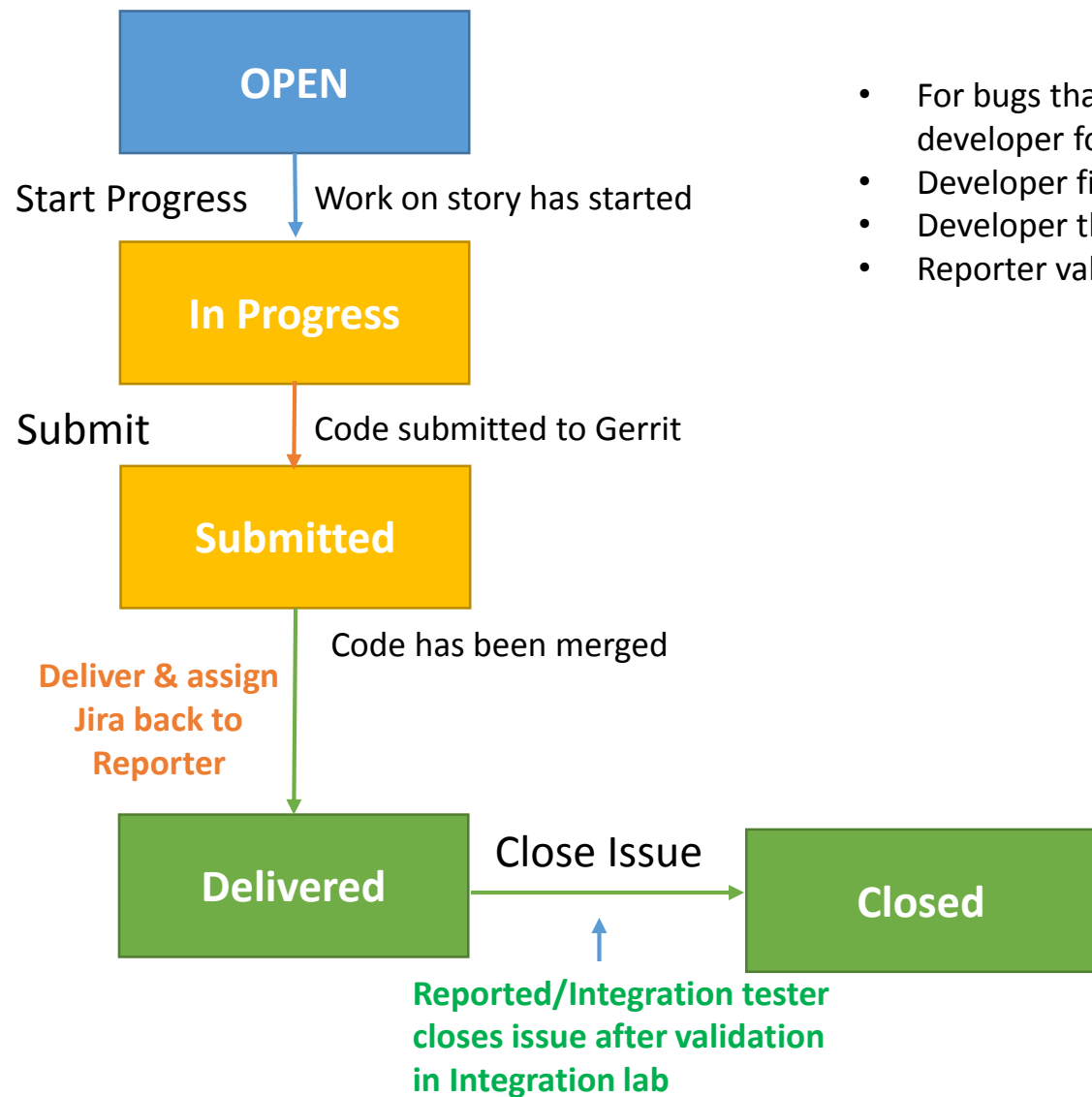


Use Case 3: Bug – developer originated, tested, closed



- For bugs that are fixed by the same person that reported it, then they close their own ticket

Use Case 4: Bug – Integration originated



- For bugs that are opened by Integration (or other teams) and assigned to project developer for resolution.
- Developer fixed bug, submits, and delivers fix
- Developer then assigns Jira back to Reporter
- Reporter validates the fix and then closes bug