

GIT Deployment Approaches

Git deployment having following approaches.

- ❖ **Sprint Based Deployment**
- ❖ **Task Based Deployment**
- ❖ **GIT Flow (Technology)**

Sprint Based Deployment

In this approach we deploy at once (end of sprint), when all the tasks completed.

For Eg:

Sprint-53 contain 10 tasks. 6 tasks are completed and 4 tasks are not completed. In this case we fix that pending tasks in QA server itself and close all 10 tasks and move to Staging.

Task Based Deployment

In this approach we create separate branches for each tasks. In this approach the QA server will point particular task branch once the task is completed. Once the that task QA verified we merge this particular branch to QA then QA to Staging.

For Eg:

Sprint-53 contain 10 tasks. 6 tasks are completed and 4 tasks are not completed. In this case 6 having separate branches. So we easily move that particular branch to particular server without affecting others.

GIT Flow (Technology)

Git-flow is a merge based solution. It doesn't rebase feature branches

Document : <https://danielkummer.github.io/git-flow-cheatsheet/>
<http://nvie.com/posts/a-successful-git-branching-model/>

Note:

Manually need to switch over the branch while doing the QA

Eg:

Branch : **mani_53_2140**

We change the QA server pointed branch to this branch When tester test this task.

(ie) **ui_qatest** to **mani_53_2140** - after tested back to **ui_qatest** branch

