

# Definition of Done

A *feature* or *sprint* is not done until the steps and procedures in this document have been followed. Done-ness is absolute. It's either done - and in the release - or not done - and goes back into the backlog.

## Features

- Create feature branch from `develop`.  
Naming convention: `feature/name-of-feature`
- Implement feature.
- Run unit tests with `mvn test`
- Run on Android device
- Merge back into `develop` with  
`git merge --no-ff feature/name-of-feature`
- Delete the feature branch.
- Push to `develop`. Jenkins will automatically checkout and build the revision.

**Done.**

## Sprint

- All features in the sprint are **done** as per the definition above.
- Branch into `release`. This effectively marks the end of the sprint.
- Test rigorously in production environment. See below for **checklist**.
- Run `mvn install` and copy the release `.apk` to the apk folder.
- Merge `release` into `master` and `develop` with  
`git merge --no-ff release`
- Delete the `release` branch.
- Tag the `master` merge commit with `sprint-n` where *n* is the sprint number.
- Push the commits and tag.

**Done.**

## Checklist

- Uninstall application (`mvn android:undeploy`)
- Install fresh build
- Assert that the following user stories work:
- Sprint 1:
  - Connect to servers
  - Disconnect from servers

- Change nick
  - List connected channels
- Sprint 2:
  - Send chat messages to server
  - See the messages in realtime
  - List users in connected channels
  - Whois
- Sprint 3:
  - Query users
  - Channel info messages appear
  - Search users and channels
  - Search backlog
  - Chat scrolls down automatically
- Sprint 4:
  - ACT action bar
  - HIGHLIGHT action bar
  - Trackbar
  - Set highlights