**Fork repo on github (Step 1)**  
Pull request from user:mybranch to apache:feature1 (Step 6)

**Apache Mynewt mirror on github**  
github.com/apache/incubator-mynewt-core

**User fork on github**  
github.com/<user>/incubator-mynewt-core

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**STEPS TO WORK WITH CODE IN A FEATURE BRANCH**

**Step 1:** Create a fork of the entire Mynewt repository on github.com.

**Step 2:** Setup repository on your laptop as outlined under “Step 2 Expanded” to use code in “feature1” branch. You create a new branch “mybranch” using “git checkout – b”. You also add a remote handle named “fork” that points to the github fork you created in Step 1.

**Step 3:** Check you are in “mybranch”. Write code. Stage and commit your changes (example shows adding all).

$ git checkout mybranch
$ git add .
$ git commit –m “your message about your code changes”

**Step 4:** Always pull the latest from the feature branch on Apache mirror to “mybranch” before pushing any changes to remotes. If you see merge conflicts, resolve them first.

$ git pull --rebase origin feature1

**Step 5:** Push your changes to “mybranch” branch on your github fork. If “mybranch” does not exist yet on your github fork, the command automatically creates it.

$ git push fork mybranch

**Step 6:** Generate a pull request from “mybranch” in your fork to “feature” in Mynewt.

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**Step 2 Expanded:**

$ newt new devproject
$ cd devproject
$ newt install
$ cd repos/apache-mynewt-core
$ git status
nothing to commit, working tree clean
$ git checkout feature1
$ git checkout –b mybranch
$ git remote -v
origin https://github.com/apache/incubator-mynewt-core.git (fetch)
orign https://github.com/apache/incubator-mynewt-core.git (upsh)
$ git remote add fork https://github.com/<user>/incubator-mynewt-core
$ git remote -v
origin https://github.com/apache/incubator-mynewt-core.git (fetch)
origin https://github.com/apache/incubator-mynewt-core.git (push)
forik https://github.com/<user>/incubator-mynewt-core (fetch)
fork https://github.com/<user>/incubator-mynewt-core (push)
$ git pull --rebase origin feature1

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*Indicates direction of code flow*