2017-11-20 Code Dev Notes

Continuation of

***Google Drive\FusionPBX\Code Development\2017-11-19 Code Dev Notes.docx***

**MUST READ Simple guide to forks in GitHub and Git**

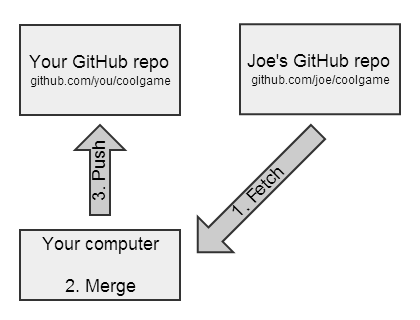
<http://www.dataschool.io/simple-guide-to-forks-in-github-and-git/>

Figure 2 - Synching a Fork 1



Figure 1 - Forking and Updating a Repo

**git status**

On branch yealinktemplates

Your branch is up-to-date with 'origin/yealinktemplates'.

nothing to commit, working directory clean

**git checkout master**

Switched to branch 'master'

Your branch is up-to-date with 'origin/master'.

**git status**

On branch master

Your branch is up-to-date with 'origin/master'.

nothing to commit, working directory clean

**git checkout spectralink**

Branch spectralink set up to track remote branch spectralink from origin.

Switched to a new branch 'spectralink'

**git status**

On branch spectralink

Your branch is up-to-date with 'origin/spectralink'.

nothing to commit, working directory clean

*https://github.com/TekMason/fusionpbx* says master is  
“This branch is 2 commits ahead, 4 commits behind fusionpbx:master.”

Summary of a sync

1. Fetch changes from fusionpbx/fusionpbx
2. Merge the changes into TekMason/fusionpbx  
   *Note: Steps 1 and 2 are often combined into a single Git operation called a "pull."*
3. Push the updates to GitHub repo TekMason/fusionpbx

References

[Syncing a fork](https://help.github.com/articles/syncing-a-fork/) > [Configuring a remote for a fork](https://help.github.com/articles/configuring-a-remote-for-a-fork/)

**git remote –v**

origin https://github.com/TekMason/fusionpbx.git (fetch)

origin https://github.com/TekMason/fusionpbx.git (push)

**git remote add upstream https://github.com/fusionpbx/fusionpbx.git**

**git remote -v**

origin https://github.com/TekMason/fusionpbx.git (fetch)

origin https://github.com/TekMason/fusionpbx.git (push)

upstream https://github.com/fusionpbx/fusionpbx.git (fetch)

upstream https://github.com/fusionpbx/fusionpbx.git (push)

Back to [Syncing a fork](https://help.github.com/articles/syncing-a-fork/)

**git fetch upstream**

remote: Counting objects: 17, done.

remote: Compressing objects: 100% (6/6), done.

remote: Total 17 (delta 11), reused 11 (delta 10), pack-reused 1

Unpacking objects: 100% (17/17), done.

From <https://github.com/fusionpbx/fusionpbx>

\* [new branch] 4.0 -> upstream/4.0

\* [new branch] 4.2 -> upstream/4.2

\* [new branch] master -> upstream/master

**git checkout master**

Switched to branch 'master'

Your branch is up-to-date with 'origin/master'.

**git merge upstream/master**

Merge made by the 'recursive' strategy.

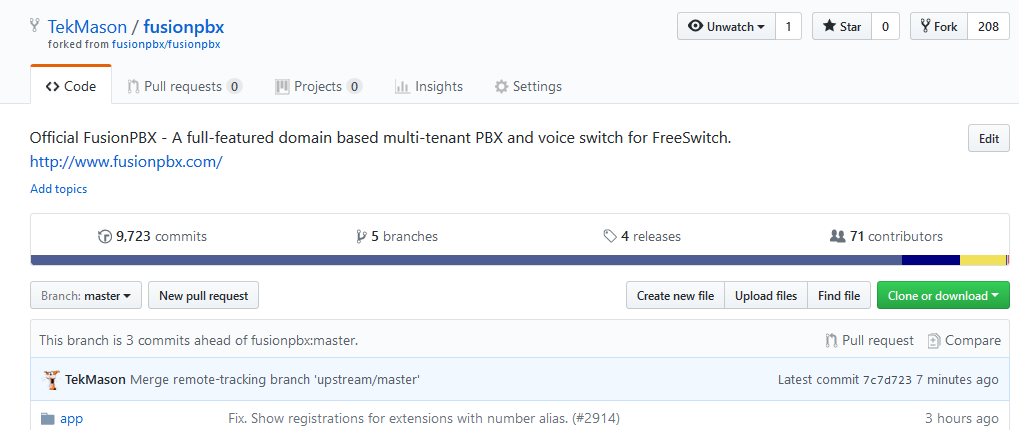
app/extensions/extensions.php | 41 +++++++++++++++++++++++++----------------

app/xml\_cdr/xml\_cdr\_statistics\_inc.php | 3 ++-

2 files changed, 27 insertions(+), 17 deletions(-)

**git push**

My repo says synch process didn't bring my github repo in synch with fusionpbx/fusionpbx. It says "This branch is 3 commits ahead of fusionpbx:master."



From Hopper

<https://www.atlassian.com/git/tutorials/comparing-workflows>

<https://www.atlassian.com/git/tutorials/comparing-workflows/feature-branch-workflow>