Fork And Pull Git Workflow

Some notes on forking and pulling.

This is how we developed the nlp-modelling toolbox and will be using that repo as an example here.

The idea of a fork and pull model is that there is one maintainer of a repo and developers fork that repository, make changes, and then issue pull requests. All of this is very easy using github so we"ll just walk through that here.

Synch with the upstream master repository

git remote add upstream https://github.com/ORIGINAL_OWNER/ORIGINAL_REPOSITORY.git git fetch upstream git checkout master git merge upstream/master

```
(snowflakes) bruce@bruce-NUC8i7BEH:~/work/nlp-modelling$ git remote -v
origin  https://github.com/brucebcampbell/nlp-modelling.git (fetch)
origin  https://github.com/brucebcampbell/nlp-modelling.git (push)
(snowflakes) bruce@bruce-NUC8i7BEH:~/work/nlp-modelling$ git remote add upstream https://git
(snowflakes) bruce@bruce-NUC8i7BEH:~/work/nlp-modelling$ git remote -v
origin  https://github.com/brucebcampbell/nlp-modelling.git (fetch)
origin  https://github.com/brucebcampbell/nlp-modelling.git (push)
upstream    https://github.com/aloidia-solutions/nlp-modelling.git (fetch)
upstream    https://github.com/aloidia-solutions/nlp-modelling.git (push)
(snowflakes) bruce@bruce-NUC8i7BEH:~/work/nlp-modelling$ git fetch upstream
remote: Enumerating objects: 16, done.
remote: Counting objects: 100% (16/16), done.
remote: Compressing objects: 100% (12/12), done.
remote: Total 15 (delta 1), reused 15 (delta 1), pack-reused 0
Unpacking objects: 100% (15/15), done.
From https://github.com/aloidia-solutions/nlp-modelling
 * [new branch]     master     -> upstream/master
(snowflakes) bruce@bruce-NUC8i7BEH:~/work/nlp-modelling$  git checkout master
Already on 'master'
Your branch is up to date with 'origin/master'.
(snowflakes) bruce@bruce-NUC8i7BEH:~/work/nlp-modelling$ git merge upstream/master
Updating 9e8ee39..49b4613
Fast-forward
 .coveragerc                               |   7 ++
 .gitignore                                |   6 +
 .idea/inspectionProfiles/Project_Default.xml |  14 +++
 .idea/libraries/R_User_Library.xml        |   6 +
 .idea/misc.xml                            |   7 ++
 .idea/modules.xml                         |   8 ++
 .idea/other.xml                           |   7 ++
```

```
.idea/topic-modelling.iml                      |  16 +++
.idea/workspace.xml                            | 215 ++++++++++++++++++++++++++++++++++
.travis.yml                                    |  30 +++++
10 files changed, 316 insertions(+)
create mode 100644 .coveragerc
create mode 100644 .gitignore
create mode 100644 .idea/inspectionProfiles/Project_Default.xml
create mode 100644 .idea/libraries/R_User_Library.xml
create mode 100644 .idea/misc.xml
create mode 100644 .idea/modules.xml
create mode 100644 .idea/other.xml
create mode 100644 .idea/topic-modelling.iml
create mode 100644 .idea/workspace.xml
create mode 100644 .travis.yml
(snowflakes) bruce@bruce-NUC8i7BEH:~/work/nlp-modelling$
```

Now that you have the changes locally go ahead and

```
git add .
git commit -m "message"
git push
```

Issue a pull requests

After doing development on the synched fork we simple use the github web client to issue a pull request. It will happen automatically if there are no merge conflicts.

Move some travis stuff #1

🏷 Open   **brucebcampbell** wants to merge 2 commits into `aloidia-solutions:master` from `brucebcampbell:master` 📋

💬 Conversation 0 | ⊶ Commits 2 | ☑ Checks 0 | 📄 Files changed 2

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brucebcampbell commented now   +😊 ···

No description provided.

📥 **brucebcampbell** added some commits 3 minutes ago

◇ 🐱 dev   eda45a5

◇ 🐱 dev   ● 72f1590

Add more commits by pushing to the **master** branch on **brucebcampbell/nlp-modelling**.

⑂ ⭕ **Some checks haven't completed yet**   Hide all checks
        1 queued check

● 🎩 **Travis CI - Pull Request**   *Queued — Build Created*   Details

✅ **This branch has no conflicts with the base branch**
     Only those with write access to this repository can merge pull requests.

| Write | Preview | AA B *i*   ❝ ‹› 🔗   ☰ ☷ ☑   @ 🔖 ↩▾

        Leave a comment

Attach files by dragging & dropping, selecting or pasting them.   Ⓜ

                                          ⏱ **Close pull request**   **Comment**

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