Structural Bioinformatics Training Workshop & Hackathon 2017

Software Installation

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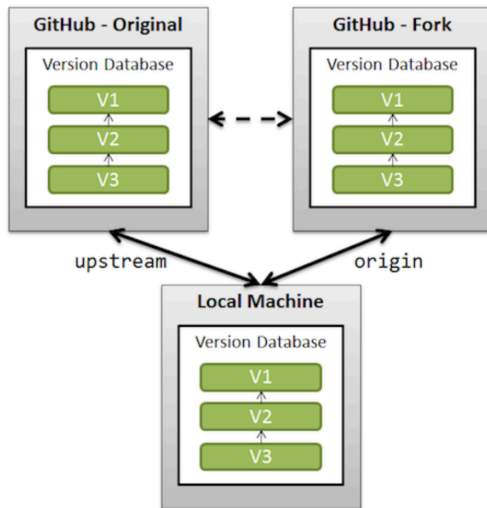# Software Checklist

List of tools:

1. git
2. JDK (install or update)
3. Eclipse IDE
4. Maven (Eclipsle download has M2Eclipse included already)

Setup GitHub Repositories and Eclipse:

1. Fork mmtf-spark (or update)
2. Fork mmtf-workshop-2017 (or update)
3. Create Eclipse workspace
4. Set Eclipse preferences
5. Import projects
6. Install projects

Update your local copy of *git* repository

Once the clone is complete your repo will have a remote named "*origin*" that points to your fork on GitHub.


```
git remote add upstream ORIGINAL_REPOSITORY_URL
```

This will set your upstream to the repository you forked from. Then do this:

```
git fetch upstream
```

This will fetch all the branches including master from the original repository.

Merge this data in your local master branch:

```
git merge upstream/master
```

Push the changes to your forked repository i.e. to origin:

```
git push origin/master
```