

1 Fork an OpenShine project

Login with your user id in **github.com**. Then go to **github.com/openshine** and select the project you want to work and **press fork button**.

2 Init your workspace

Clone your fork in your workspace folder. Remember to add **upstream** as git remote repository

3 Keep updated your master branch

It's **important** to keep **updated** your master branch with the **changes** availables in **upstream**. Especially when you want to create a **new branch**.

4 Create a branch for your feature

Checkout your master branch and **create a new branch** using the **ticket number** and **description** as branch **name**.

5 Develop & commit

Well, you know ... Write code, **commit**, write code, **commit**, add this picture, **commit**, delete those files, **commit**

6 Update your branch from upstream

Sometimes you need to **update** your branch for some reason (changes in upstream, your feature is complete...). **Checkout** master, **pull** upstream changes and **rebase** it only if your branch is not pushed/published.

7 Feature completed !!

Are you sure? you test it ? Ok ok, we will see it :) . It's time to push your branch to your fork hosted in github.

8 Push the branch to your fork

If you like your commits tree, **push** it to your github fork using **the same branch name**.

9 Push the branch (all in one)

If you think it's better **push** all your changes in one commit. You can do it in this time. But remember the project will lose the history of this commits.

10 Pull Request

Go to your github home page. Look up your fork and select your pushed branch. Then press **pull request button**. Wait for the maintainer comments or you can start another feature.

Maintainer's workflow

As repository maintainer you've to check the proposed branches availables in the **pull request** section of your repository. Check it, test it, comment it and if you like it ... merge it ;)

Reviewing and merging pull requests

1. **Clone your project** : `git clone git@github.com:openshine/osproject.git`
2. **Add john's git as remote** : `git remote add john git@github.com:john/osproject.git`
3. **Fetch john's git repository** : `git fetch john`
4. **Merge the proposed branch** : `git merge john/ticketnumber-description`
5. **Check & test the code.**
6. **Push to master** : `git push origin master`

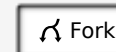
OpenShine GitHub Account <https://github.com/openshine>

osproject repository
<https://github.com/openshine/osproject.git>

John's GitHub Account <https://github.com/john>

osproject repository
`git@github.com:john/osproject.git`

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Init john's computer workspace

```
git clone git@github.com:john/osproject.git
cd osproject
git remote add upstream git@github.com:openshine/osproject.git
```

2

osproject john's local repository

Keep updated the master branch

```
git checkout master
git pull upstream master
```

3

Create a branch to develop a new feature

```
git checkout master
git checkout -b ticketnumber-description
```

4

Develop & Commit

5

Feature complete !

7

Push the branch to john's fork

```
git push origin ticketnumber-description
```

8

Push the branch to john's fork all commits in one

```
git reset --soft HEAD~noOfCommitsToSquash
git commit
git push origin ticketnumber-description
```

9

John needs update from upstream his local branch

```
git checkout master
git pull upstream master
git checkout ticketnumber-description
git rebase master (Only if the branch is not pushed)
```

6

JOHN'S COMPUTER

more exactly, the folder where john is working