



GIT COMMAND LINE

(iSoftEng-v20)

1. Create an empty repository

```
git init --bare
```

2. Get data from Remote Repository to client

```
git clone ssh://<account>@<ip server>/<git project name>
```

```
git clone ssh://<account>@<ip server>:22/<git project name>
```

3. Check the status of documents

```
cd <git project name>
```

```
cd my_project <enter>
```

```
git status <enter>
```

4. Add new documents to the Local Repository

```
git add .
```

```
git status
```

```
# Add data into repository local
```

```
# Note: . is all file
```

5. Accept the documents to the Local Repository

```
git commit -a -m "note"
```

6. Configure account information when working on teamworks

```
git config --global user.name "MrSoft"
```

```
git config --global user.email "doannv@imic.edu.vn"
```

```
git config --global user.mobile "0912688283"
```

```
git config --global user.role "Technical"
```

git config --list

7. Push the data to Remote Repository

git push origin <master|...>

password:....

8. Updated version on Remote Repository

git pull origin <master|...>

password:....

git log

9. Create branches for the project

git checkout -b <branch name> 'Create a new branch

git checkout <branch name> 'switch into branch

git branch -v

10. How to import branches in git

git merge <branch name>

11. Check the branch information on the Remote Repository

git ls-remote

12. Make fix bugs Conflix while working on teamworks

git mergetool --tool=tortoisemerge

- Choose:

+ Use text block from 'mine' before 'theirs'

+ Use text block from 'theirs' before 'mine'

- Complete of fix:

+ Delete a file *.orig

+ git status

+ git commit -a -m "fix ok"

+ git push origin <master|...>

*** Note:**

- You need 'pull' before the update a file and 'push' into Git Server (Remote Repositories).
- You need instal tortoise svn tools for conflix error.