



IMIC TECHNOLOGY

GIT COMMAND LINE

(iSoftEng-v8)

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 Confilx 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 conflif error.