Plu

0308 0000

Contents

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# Basic config

### Set name and email

##### git config --global user.name "Tim Ng"

##### git config --global user.email "tim\_ng2@nipponexpress-necl.com.hk"

##### git config --edit --global

### add environment PATH variable

### set default editor

##### xxxx git config core.editor " C:\Program Files\Notepad++\notepad++.exe -multiInst -nosession" xxx

##### git config --global core.editor "'C:/Program Files/Notepad++/notepad++.exe' -multiInst -notabbar -nosession -noPlugin"

### basic commands

##### git config 🡪 configure git / get git config

##### git init 🡪 initialize a git local repo

##### git clone 🡪 download a project from remote

##### git add 🡪 prepare a file to staging

##### git commit 🡪 commit file t repo

## Test status, init, add, commit

##### cd F:\test

##### git init DemoApp

##### ls -al

##### git status

0208. Demon working… 🡪02:05

##### cd "F:\test"

##### git init DemoApp

##### cd DemoApp

##### ls -la

##### git status 🡪 check status, commited or not

##### notepad++ readme.md

type something and save

##### git status 🡪 have untracked file 🡪 readme.md

##### git add test.md

##### git status 🡪 found new file

##### git commit -m "Initial commit"

##### git status 🡪 nothing to commit

### add all files in directory

##### git add .

##### git commit -m "new files added"

# Plan

### Free

### Paid

Developer

Team

### Business cloud

### Enterprise

## Alternative of github

GitLab

BitBucket

Working directory > Staging area > .git repo > GitHub repo

## Link repo to GitHub

##### git status

##### git remote -v

##### git remote add origin <https://github.com/timng2/DemoApp.git>

##### git remote -v

##### git push -u origin master

## Connect using SSH

##### git remote -v

### gen ssh keys

##### ssh-keygen -t rsa -b 4096 -C "[abc@def.com](mailto:abc@def.com)"

and set passphrase

copy content of public key to github

settings > SSH and GPG keys

### connect using ssh

##### ssh -T [git@github.com](mailto:git@github.com)

### search filter

##### dotnet stars:>1000

##### dotnet stars:10..50

##### dotnet NOT "hello world"

# 04.Working with Repositories in GitHub