Git

- description : GIT
- author :
- email : dhan@repia.com
- lastupdate : 2020-05-19

[GitHub](#)
[GitLab](#)
[GitBash](#)

Git

- , (,)
  - by (https://www.youtube.com/watch?v=Z9dvM7qgN9s , https://www.youtube.com/watch?v=lPrxhA4PLoA)

```
1. git
   git      OPTION
   https://git-scm.com/docs

2. git client
   Github Desktop - Github
   Sourcetree -
   GitKraken
   Git bash - Terminal

3. Download
   https://git-scm.com/download/

4.
   .gitconfig (              )
   $> git config --list
   $> git config --global -e // -e -> edit
   $> git config --global core.editor "code --wait" // git     editor      ,
--wait -> foreground
   $> git config --global user.name "Foo"
   $> git config --global user.email "Bar@repia.com"

   $> git config user.name
   Foo
   $> git config user.email
   Bar@repia.com

   $> git config core.autocrlf true // windows
```

```
$> git config core.autocrlf input // macOS

$> git status
$> git config --global alias.st status // status      alias
$> git st
$> git --h
```

5.
```
$> cd projects
$> mkdir GitFolder
$> cd ${GitFoler}
$> git init // 1.          , .git          , master branch    ,      .git

$> git config -h //
$> git status -h
$> git status -s // short
```

6. git workflow
```
  working directory
    untracked (git     )
      -> git add *
      -> git rm --cached *

    tracked (git          )
      unmodified
      modified

  <- checkout
  -> git add

  stating area

  -> commit

  .git directgory
   git history

  -> push
  <- pull

  remote
```

7. ignore
```
  tracking
  $> echo *.log >.gitignoroe
```

8. diff
```
  $> git diff
  diff --git a/c.txt b/c.txt
  index a042389..f5be8ac 100644
  --- a/c.txt
```

```
  --- b/c.txt
@@ -1 + 1,2 @@                  // -              , + 1
                                   // stated, cached
 hello world!
+add
(END)

  $> git config --global -e
[diff]
  tool = vscode
[difftool "vscode"]
  cmd = code --wait --diff $LOCAL $REMOTE //
  $> git difftool // vscode

9. commit
  $> git commit -m "...." // -m -> message
  $> git commit -am "...." // -a -> all, add

  commit message
    commit 0, commit1, commit2, ... (X)
    Initialise project, Add LoginService module, Add UserRepository module,
Add Welcome page, Add About page, Add light theme, ...

                      ,                      .
      ,                    ,              ,           ....

10. log
  $> git log


11. source tree
  Hunk
  Line

x
macOS: iTerm21
Windows: cmder

PowerShell
$> code . (                        ) //
$> open . (macOS            )
$> explorer . (                 )
```

Tip

Troubleshooting

Checkout conflict with files:

Checkout conflict with files: (ProjectName/source/file...) Eclipse   git pull   , The
current branch is not configured for pull
Eclipse   git pull   , The current branch is not configured for pull

Ref

, git

Checkout conflict with files: (ProjectName/source/file...) Eclipse   git pull   , The
current branch is not configured for pull
Eclipse   git pull   , The current branch is not configured for pull