Git Hub Training

Command Line:

usage: git [--version] [--help] [-C <path>] [-c name=value]

[--exec-path[=<path>]] [--html-path] [--man-path] [--info-path]

[-p | --paginate | --no-pager] [--no-replace-objects] [--bare]

[--git-dir=<path>] [--work-tree=<path>] [--namespace=<name>]

<command> [<args>]

* git clone [clone url] – pull in a Git repository
* git status – shows difference between local and repository version
* git add – add any changes or new files by name. Use -A or . to add all files
* git commit –m – lock changes into repository use –m with quotes to add a message
* git push – sync with GitHub.com
* git pull – retrieve from GitHub.com

These are common Git commands used in various situations:

Start a working area

* clone Clone a repository into a new directory
* init Create an empty Git repository or reinitialize an existing one

Work on the current change

* add Add file contents to the index
* mv Move or rename a file, a directory, or a symlink
* reset Reset current HEAD to the specified state
* rm Remove files from the working tree and from the index

Examine the history and state

* bisect Use binary search to find the commit that introduced a bug
* grep Print lines matching a pattern
* log Show commit logs
* show Show various types of objects
* status Show the working tree status

Grow, mark and tweak your common history

branch List, create, or delete branches

checkout Switch branches or restore working tree files

commit Record changes to the repository

diff Show changes between commits, commit and working tree, etc

merge Join two or more development histories together

rebase Reapply commits on top of another base tip

tag Create, list, delete or verify a tag object signed with GPG

Collaborate

* fetch Download objects and refs from another repository
* pull Fetch from and integrate with another repository or a local branch
* push Update remote refs along with associated objects