

Extra Git Tooling

`git extras`

Git Extras are a series of commands that composite core Git functionality that would typically be accomplished in multiple command executions.

- `git summary`
 - The number of files, commits, authors
- `git changelog`
 - The recent changes written to a CHANGELOG file
- `git commits-since`
- `git count`
 - Total number of commits to the repo
- `git delete-branch`
 - Delete a branch locally and remotely
- `git delete-submodule`
 - Completely remove a submodule
- `git delete-tag`
 - Delete a tag locally and remotely
- `git fresh-branch`
- `git graft`
- `git ignore`
- `git release`
- `git contrib`
- `git repl`
- `git undo`
 - Undo the last commit via a reset
- `git update-extras`
- `git setup`
- `git touch`
 - Touch a file and add it to the staging area

git-flow

Git flow is a set of commands that standardizes a *workflow of branching* with Git.

It leverages core Git to begin and merge branches for integrations, features, and bug fixes.

- `git-flow init`
 - Start a new flow
- `git flow release`
 - Complete a flow

Hub

Hub is a set of scripts that offer GitHub specific shortcuts to Git. These scripts can be invoked via the command `hub` or mapped on to the normal `git` command via a Git alias. In the second situation, all normal Git commands are passed through to the regular `git` command.

- `hub clone`
- `hub remote add`
- `hub fetch`
- `hub cherry-pick`
- `hub fork`
- `hub create`
- `hub init`
- `hub push`
- `hub browse`
- `hub compare`
- `hub submodule`
- `hub help`

If `hub` is mapped as an alias to `git`, you can get help by typing `git help hub`

Williams Misc Git Tools

William maintains a set of scripts that offer visualizations into the history of a Git repository.

- `git-wtf` understand the current state of your git repository.
- `git-publish-branch` publish a branch to a remote repository.
- `git-rank-contributors` rank all authors by patch size.
- `git-show-merges` show which branches are merged into the current branch.