Cheatography

SAS Workshops Git CLI Cheatsheet Cheat Sheet

by sasworkshops via cheatography.com/123878/cs/23546/

Watch Command

```
#!/bin/bash
ARGS="${@}"
clear;
while(true); do
  OUTPUT=$ARGS
  clear
  echo -e "${OUTPUT[@]}"
  sleep 2
done
```

This mimics the native linux watch command which is not present in Git Bash.

Add this content to a file named watch (no extension) in C:\Program Files\Git\usr\bin\

After that you can watch any cmd by typing `watch CMD_TO_WATCH`

Useful Aliases

Command	Alias Definition	Result
`git new`	`git config --global alias.new '!git init && git symbolic-ref HEAD refs/heads/main'`	creates new repo with main as default branch name instead of master
`git graph`	`git config --global alias.graph 'log --graph --abbrev-commit --pretty=oneline --decorate --color=always'`	creates a nice commit graph

Useful Aliases (cont)

`git watch-status`	`git config --global alias.watch-status '! watch git -c color.status=always status'`	watches git status with colors
`git stashall`	git config --global alias.stashall 'stash save --include-untracked'	stashes untracked files as well as tracked files
`git cloneall`	git config --global alias.cloneall 'clone --recurse-submodules --no-hardlinks'	Recurses submodules (and adds no hard-l-inks)

Keeping a Fork Up To Date

```
#add remote if not already added
git remote add upstream URL_TO_UPSTREAM
#fetch remote branches
git fetch upstream
#For each branch:
   #merge changes
   git merge upstream/MYBRANCH
   #or rebase
   git rebase upstream/MYBRANCH
   #push changes to fork (origin)
   git push origin MYBRANCH
```

Use these commands to keep a fork up to date with an upstream repository.

Setting up LVCompare a LVMerge

```
#Setup LVCompare
git config --global
diff.tool LVCompare
git config --global
ol.LVCompare.cmd 'C
c\\vidiff.exe "$LOC
MOTE" -nobdcosm -no
$Setup LVMerge
git config --global
merge.tool LVMerge
git config --global
ool.LVMerge.cmd 'C:
c\\vimerge.exe "$BA
MOTE" "$LOCAL" "$ME
nobdcosm -nobdpos'
#Call LVCompare
git difftool
#Call LVMerge
git mergetool
```

First clone the repo at https://github.com/smithed

Build all 4 build specs in o then run the installer.

Push to new gitlab from