Commands Sequence http://www.cheat-sheets.org/saved-copy/git-cheat-sheet.svg

Git Cheat Sheet the curves indicate that the command on the right is usually executed after the command on the left. This gives an idea of http://git.or.cz/ the flow of commands someone usually does with Git. Remember: git command --help Global Git configuration is stored in \$HOME/.gitconfig (git config --help) CREATE PUBLISH BROWSE CHANGE REVERT UPDATE BRANCH COMMI push status pull fetch checkout commit init clone reset checkout log show diff format-patch branch revert merge amĭ branch Create Concepts From existing data Git Basics cd ~/projects/myproject git init git add From existing repo git clone ~/existing/repo ~/new/repo git clone git://host.org/project.git git clone ssh://you@host.org/proj.git Revert Show Return to the last committed state git reset --hard you cannot undo a hard reset Publish Update Files changed in working directory git status Revert the last commit Fetch latest changes from origin Commit all your local changes git revert HEAD Creates a new commit Changes to tracked files ait fetch git commit -a Revert specific commit git diff git revert \$id Creates a new commit Pull latest changes from origin Prepare a patch for other developers What changed between \$ID1 and \$ID2 ait pull git format-patch origin Fix the last commit git diff \$id1 \$id2 git commit -a --amend History of changes Push changes to origin (after editing the broken files) Apply a patch that some sent you git log git push git am -3 patch.mbox Checkout the \$id version of a file (in case of a conflict, resolve and use History of changes for file with diffs ait checkout \$id \$file git am --resolved) Mark a version / milestone git log -p \$file \$dir/ec/tory/ git tag v1.0 Branch Who changed what and when in a file git blame \$file Switch to the \$id branch git checkout \$id A commit identified by \$ID To view the merge conclicts \bigcirc Finding regressions S onfli git show \$id 0 **git diff** (complete conflict diff) git bisect start (to start) git bisect good \$id(\$id is the last working version) Merge branch1 into branch2 omman git diff --base \$file (against base file) git checkout \$branch2 git merge branch1 git diff --ours \$file (against your changes) A specific file from a specific \$ID git bisect bad \$id (\$id is a broken version) git diff --theirs \$file (against other changes) git show \$id:\$file git bisect bad/good (to mark it as bad or good) Create branch named \$branch based on git bisect visualize (to launch gitk and mark it) git bisect reset (once you're done) All local branches the HEAD To discard conflicting patch 5 git branch git branch \$branch \bigcirc Mer git reset --hard (star '*' marks the current branch) seful Check for errors and cleanup repository git rebase --skip Create branch \$new branch based on branch \$other and switch to it git fsck **Cheat Sheet Notation** git checkout -b \$new branch \$other ğit gc --prune Ve After resolving conflicts, merge with Resol Search working directory for foo() Delete branch \$branch git add \$conflicting file(do for all resolved files) git rebase --continue git branch -d \$branch git grep "foo()" Zack Rusin Based on the work of: Sébastien Pierre