Git Cheat Sheet

	Git Chea	t Sheet
git init	在指定的目录下创建一个空的git repo。不	Create empty Git repo in specified directory. Run with no
<directory></directory>	带参数将在当前目录下创建一个git repo。 克隆一个指定repo到本地。指定的repo可	arguments to initialize the current directory as a git repository. Clone repo located at <repo> onto local machine. Original</repo>
git clone <repo></repo>	以是本地文件系统或者由HTTP或SSH指 定的远程路径。	repo can be located on the local filesystem or on a remote machine via HTTP or SSH.
git config user.name <name></name>	针对当前repo配置用户名。使用global 参数将配置全局用户名。	Define author name to be used for all commits in current repo Devs commonly use —global flag to set config options for current user.
git add <directory></directory>	将指定目录的所有修改加入到下一次 commit中。把 <directory>替换成<file>将 添加指定文件的修改。</file></directory>	Stage all changes in <directory> for the next commit. Replace <directory> with a <file> to change a specific file.</file></directory></directory>
git commit -m " <message>"</message>	提交暂存区的修改,使用指定的 <message>作为提交信息,而不是打开文 本编辑器输入提交信息。</message>	Commit the staged snapshot, but instead of launching a text editor, use <message> as the commit message.</message>
git status	显示哪些文件已被staged、未被staged以及未跟踪(untracked)。	List which files are staged, unstaged, and untracked.
git log	以缺省格式显示全部commit历史。更多自 定义参数请参考后续部分。	Display the entire commit history using the default format. For customization see additional options.
GIT DIFF		
git diff	比较工作区和暂存区的修改。	Show unstaged changes between your index and working directory.
git diff HEAD	比较工作区和上一次commit后的修改。	Show difference between working directory and last commit.
UNDOING CHANGES	比较暂存区和上一次commit后的修改。	Show difference between staged changes and last commit
git revert <commit></commit>	对指定 <commit>创建一个undo的commit,并应用到当前分支。</commit>	Create new commit that undoes all of the changes made in <commit>, then apply it to the current branch.</commit>
git reset <file></file>	将 <file>从暂存区移除,但保持工作区不 变。此操作不会修改工作区的任何文件。</file>	Remove <file> from the staging area, but leave the working directory unchanged. This unstages a file without overwriting any changes.</file>
REWRITING GIT H		any changes.
git commit -m	将当前staged修改合并到最近一次的	Replace the last commit with the staged changes and last commit combined.
<pre><message>amend git rebase <base/></message></pre>	commit中。 基于 基于 base>对当前分支进行rebase。 cbase>可以是commit、分支名称、tag或	Rebase the current branch onto <base/> , <base/> can be a commit ID, branch name, a tag, or a relative reference to
git reflog	edase>可以是commit、分支名称、tag或相对于HEAD的commit。 显示本地repo的所有commit日志。	Commit ID, branch name, a tag, or a relative reference to HEAD. Show a log of changes to the local repository's HEAD.
GIT BRANCHES		and a second of the second of
git branch	显示本地repo的所有分支。	List all of the branches in your repo.
git switch -c <branch></branch>	创建并切换到一个新的名为 branch>的分支。去掉-c参数将切换到一个已有分支。	Create and switch to a new branch named branch>. Drop the c flag to switch to an existing branch.
git merge <branch></branch>	将指定 kranch>分支合并到当前分支。	Merge <branch> into the current branch.</branch>
git remote add <name> <ur></ur></name>	添加一个新的远程连接。添加后可使用	Create a new connection to a remote repo. After adding a remote, you can use <name> as a shortcut for <url> in other</url></name>
git fetch	<name>作为指定<url>远程连接的名称。 从指定<remote>抓取指定 foranch>的所有commit到本地repo。去掉 foranch>将</remote></url></name>	commands. Fetches a specific <branch>, from the repo. Leave off</branch>
<remote> <branch> git pull <remote></remote></branch></remote>	抓取远程所有分支的修改。 从指定 <remote>抓取所有分支的commit</remote>	 cbranch> to fetch all remote refs. Fetch the specified remote's copy of current branch and
git push <remote></remote>	并立刻合并到本地repo。 将本地指定 branch>推送到指定远程	immediately merge it into the local copy. Push the branch to <remote>, along with necessary commits</remote>
 branch>	<remote>。如果远程没有对应的分支,将自动在远程创建此分支。</remote>	and objects. Creates named branch in the remote repo if it doesn't exist.
git config global user.name <name></name>	配置当前用户名,使用global参数将针对 当前系统登录用户生效。	Define the author name to be used for all commits by the current user.
git config global user.email <email></email>	配置当前用户Email。	Define the author email to be used for all commits by the current user.
git config global alias. <alias-name> <git-command></git-command></alias-name>	配置一个git命令的快捷方式。例如:配置"alias.glog loggraphoneline"使"git glog"相当于"git loggraphoneline".	Create shortcut for a Git command. E.g. alias.glog "log graphoneline" will set "git glog"equivalent to "git loggraponeline.
git config system core.editor <editor></editor>	配置文本编辑器,例如vi,在必要时自动 打开此文本编辑器。	Set text editor used by commands for all users on the machine, ceditor> arg should be the command that launches the desired editor (e.g., vi).
git config globaledit	打开当前用户的git全局配置并编辑。	Open the global configuration file in a text editor for manual editing.
GIT LOG		
git log - <limit></limit>	限制log的显示数量。例如:"git log -5"仅显示最新5条commit。	Limit number of commits by Limit >. E.g. "git log -5" will limit to 5 commits.
git logoneline	每行显示一条commit。	Condense each commit to a single line.
git logauthor= " <pattern>"</pattern>		
	按提交者名字搜索并显示commit。	Search for commits by a particular author.
git loggrep= " <pattern>"</pattern>	按提交者名字搜索并显示commit。 按指定内容搜索并显示commit。	Search for commits by a particular author. Search for commits with a commit message that matches <pattern>.</pattern>
git loggrep= " <pattern>" git log <since><until></until></since></pattern>	按指定内容搜索并显示commit。 显示指定范围的commit。范围参数可以是 commit ID、分支名称、HEAD或任意相对	Search for commits with a commit message that matches <pre><pre><pre><pre><pre><pre><pre><pre></pre></pre></pre></pre></pre></pre></pre></pre>
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