

AWS CodeCommit Cheat Sheet

Lists all configuration variables	Pushes finalized commits from the local repo to the CodeCommit repository, using the specified nickname the local repo has for the CodeCommit repository and the specified branch
<code>git config --list</code>	<code>git push -u remote-namebranch-name</code>
Lists all local configuration variables	Pushes finalized commits from the local repo to the CodeCommit repository after upstream tracking information is set
<code>git config --local -l</code>	<code>git push</code>
Lists system configuration variables	Pulls finalized commits to the local repo from the CodeCommit repository, using the specified nickname the local repo has for the CodeCommit repository and the specified branch
<code>git config --system -l</code>	<code>git pull remote-namebranch-name</code>
Lists Global configuration variables	CommitsShows what has or hasn't been added to the pending commit in the local repo
<code>git config --global -l</code>	<code>git status</code>
Remote Repositories Initializes a local repo in preparation for connecting it to a CodeCommit repository	Shows changes between the pending commit and the latest commit in the local repo
<code>git init</code>	<code>git diff HEAD</code>
Can be used to set up a connection between a local repo and a remote repository	Adds specific files to the pending commit in the local repo
<code>git remote add remote-namerepo-url</code>	<code>git add [file-name-1 file-name-2 file-name-N] file-pattern]</code>
Creates a local repo by making a copy of a CodeCommit repository at the specified URL, in the specified subfolder of the current folder on the local machine	Adds all new, modified, and deleted files to the pending commit in the local repo
<code>git clone repo-urllocal-subfolder-name</code>	<code>git add</code>
Shows the nickname the local repo uses for the CodeCommit repository	It begins finalizing the pending commit in the local repo, which displays an editor to provide a commit message. The pending commit finalizes after the message is entered
<code>git remote</code>	<code>git commit</code>
Shows the nickname and the URL the local repo uses for fetches and pushes to the CodeCommit repository	Lists recent commits in the local repo
<code>git remote -v</code>	<code>git log</code>
BranchesLists all branches in the local repo with an asterisk (*) displayed next to your current branch	Merges changes from another branch in the local repo to the current branch in the local repo
<code>git branch</code>	<code>git merge from-other-branch-name</code>

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Pulls information about all existing branches in the CodeCommit repository to the local repo

```
git fetch
```

Lists all branches in the local repo and remote tracking branches in the local repo

```
git branch -a
```

Lists only remote tracking branches in the local repo
Learn more about branching out with Git [here](#)

```
git branch -r
```

Creates a new branch in the local repo using the specified branch name

```
git branch new-branch-name
```

Switches to another branch in the local repo using the specified branch name

```
git checkout other-branch-name
```

Creates a new branch in the local repo using the specified branch name, and then switches to it

```
git checkout -b new-branch-name
```

Pushes a new branch from the local repo to the CodeCommit repository using the specified nickname the local repo has for the CodeCommit repository and the specified branch name

```
git push -u remote-name new-branch-name
```

Creates a new branch in the local repo using the specified branch name. And then connects the new branch in the local repo to an existing branch in the CodeCommit repository, using the specified nickname the local repo has for the CodeCommit repository and the specified branch name

```
git branch --track new-branch-name remote-name/remote-branch-name
```

Deletes a branch in the local repo (unless it contains un-merged work)

```
git branch -d branch-name
```

Deletes a branch in the CodeCommit repository using the specified nickname the local repo has for the CodeCommit repository and the specified branch name

```
git push remote-name :branch-name
```

TagsLists all tags in the local repo

```
git tag
```

Pulls all tags from the CodeCommit repository to the local repo

```
git fetch --tags
```

Shows information about a specific tag in the local repo

```
git show tag-name
```

Pushes a specific tag from the local repo to the CodeCommit repository using the specified nickname the local repo has for the CodeCommit repository and the specified tag name
Learn more about version control with Git [here](#)

```
git push remote-name tag-name
```

Pushes all tags from the local repo to the CodeCommit repository using the specified nickname the local repo has for the CodeCommit repository

```
git push remote-name --tags
```

To Summarize

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This deep dive into CodeCommit acts as a cheat sheet for you to use. But there is still a lot of ground to cover in AWS Developer Tools, so check out this **[AWS DevOps Professional Certification course](#)** for more on the Developer Tools suite.