Cheatography

HMI Git/Gerrit Cheat Sheet

by oisch via cheatography.com/24089/cs/5471/

General

Identifying a commit

Use first 4+ hash chars to identify a commit

```
git checkout 3e95 = git checkout 3e95b 7 1b5 c05 7e1 ee5 dac e5c044b
```

Local changes

Changes in your working directory

```
git status
```

Add a single file to the next commit

```
git add filename
```

Add all current changes to the next commit

```
git add .
```

Create a new commit from the previously added files

```
git commit
```

Modify an existing commit with the previously added files

```
git commit --amend
```

Delete all unversioned files

```
git clean -f -n
```

Working with branches

Switching to a branch (HMI-123456)

```
git checkout HMI-123456
```

Pull HMI_master and rebase on top of it

```
git pull --rebase HMI_master
```

List all branches

```
git branch -a
```

Delete a branch (HMI-123456)

```
git branch -d HMI-123456
```

Cherry pick commit HASH to current branch

```
git cherry -pick HASH
```

Rewriting history

Show last 3 commits

```
git log -3
```

Resetting to the previous commit (keep changes in workarea)

```
git reset HEAD~1
```

Resetting to the previous commit (revert changes)

```
git reset --hard HEAD~1
```

Reset to any commit by hash

```
git reset HASH
```

Gerrit / BCI

1. Create commit

```
git add .
git commit -m " HMI -123456 test"
```

2. Create a new branch named HMI-123456

```
git checkout -b HMI-123456
```

3. Push the commit to Gerrit

```
git push origin HMI-12 345 6:r efs =HM I-1 23456
```

or Push to Gerrit with mhg

```
mgit ptg HMI-123456
```

Ticket ID in the example is HMI-123456

Finding your change on Gerrit

Check the link in push to Gerrit output

```
remote:
remote: Updated Changes:
remote:   https: //a sc.b mw gro u i t/32677
remote:
```

Monitoring build progress

Has my topic build been triggered?

View topic build console output for a change

Retriggering a topic build

```
mgit tg HMI-123456
```

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