

Navigation

List all directory contents in long data form

```
ls -al directory
```

Find all java files by extension

```
find directory -name pattern
```

Find all indexed paths in updatedb

```
locate option pattern
```

Finds source, binary and manual files:

```
whereis filename
```

Shows full path of command

```
which -a filename
```

Maven Clean Lifecycle

```
pre-clean
```

```
clean
```

```
post-clean
```

Maven Default Lifecycle

```
validate
```

```
initialize
```

```
generate-sources
```

```
process-sources
```

```
generate-resources
```

```
process-resources
```

```
compile
```

```
process-classes
```

```
generate-test-sources
```

```
process-test-resources
```

```
test-compile
```

```
process-test-classes
```

```
test
```

```
prepare-package
```

```
package
```

```
pre-integration-test
```

```
integration-test
```

```
post-integration-test
```

```
verify
```

```
install
```

Maven Default Lifecycle (cont)

```
deploy
```

Directory Key

Current

.

Last

-

Home

~

Parent

..

Root

/

Patter Key

Any string

*

Any character

?

Any of character set

[...]

Negate

!

Or

|

Directory Manipulation

Change directory

```
cd
```

Remove directory

```
rmdir
```

Move directory

```
mv source destination
```

Remove all files recursively

```
rm -rf
```

Copy directory or file

```
cp source destination
```

Create shortcut

```
ln -s path alias
```

Create directory

```
mkdir directory name
```

Create empty file or update time stamp.

```
touch filename
```

Maven Options

Profile

-P *profile name*

Skip unit tests

-DskipTests

Skip integration test

-DskipITs

Skip all tests

-

Dmaven.test.skip=true

Maven Site Lifecycle

```
pre-site
```

```
site
```

```
post-site
```

```
site-deploy
```

Display

Variable string

```
echo string
```

Numbered-line text

```
cat -n filepath
```

Scrollable numbered-line text

```
less -N filepath
```

Current directory

```
pwd
```

Beginning of a file

```
head
```

End of a file

```
tail
```

Count: character, word and line

```
wc
```

Directory hierarchy

```
tree path
```

Command Line Control

Delete

Ctrl W

Clear Line

Ctrl U

Start of Line

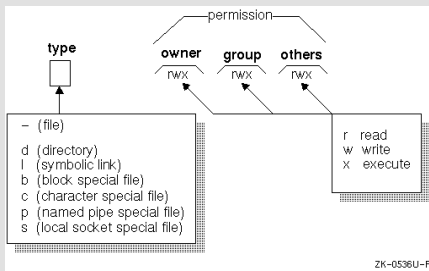
Ctrl A

End of Line

Ctrl E



File Permissions



Git

Create repository

```
git init
```

Untrack files

```
git rm --cached filename
```

Get remote repository

```
git clone url
```

Stage all files

```
git add --all
```

Push commits to remote repo

```
git push alias branch
```

Pull changes from remote repo

```
git pull alias branch
```

Show log

```
git log
```



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