## Git Internals Workshop - Useful Commands

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## \*NIX Commands

mkdir <b><path></path></b>	Creates a directory/folder
ls <b><path></path></b>	Lists the contents of a directory
find <b><path></path></b> -type f	Finds all files in a given directory
cat <path></path>	Prints contents of a file to stdout
echo <message> &gt; <path></path></message>	Overwrites a file with the given message

## git Commands

Creates and populates .git/ directory
Saves an object to the Git object store and prints the hash
Prints the contents of an object in the Git object store
Prints the type of an object in the Git object store
Adds a file to the Git index
Lists the files in the current index
Saves the index as a tree in the Git object store and prints
the hash
Saves a commit pointing to a tree in the Git object store and
prints the hash
Saves a commit as above, but with (at least one) parent com-
mit
Prints all the commits previous to the one specified by the
hash
Prints the log as a easily human parsable graph
Creates a named branched that points at the given commit
Prints the commit hash to which the branch points
Lists all the branches in the repository
Sets HEAD to point at the specified branch
Tags a git object with a lightweight tag
Tags a git object with an annotated tag