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Version Control Systems manage history and different versions of files. They are useful because they allow multiple users to be editing the same file and allow merging of work. They can also be used to revert to a past version of a file if errors are introduced or functionality is lost.

Git:
    git pull origin master
        - grab the latest master from the origin location and pull/merge it onto your current master branch
    git push origin master
        - push your current copy of master to the origin
    git add
        - add a file to be committed
RCS:
    ci
        - check file into archive
    co
        - check file out
    rcsdiff
        - compare two versions of a file
SVN:
    svn checkout
        - checkout a file/directory
    svn status
        - view status/changes in directory or file
    svn commit
        - commit changes to repo
Mercurial:
    hg clone
        - clone repo from host
    hg log
        - view log of changes
    hg export
        - export a branch

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Piping - |
        - passing the output of one command into the input of another
Redirection - >,<
        - passing the output of a command into a file
        - takes input from a file

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find . -type f -exec file '{}' \;

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Make us used to manage and maintain programs. It is useful because you can use it to only recompile the parts of a program that were changed.