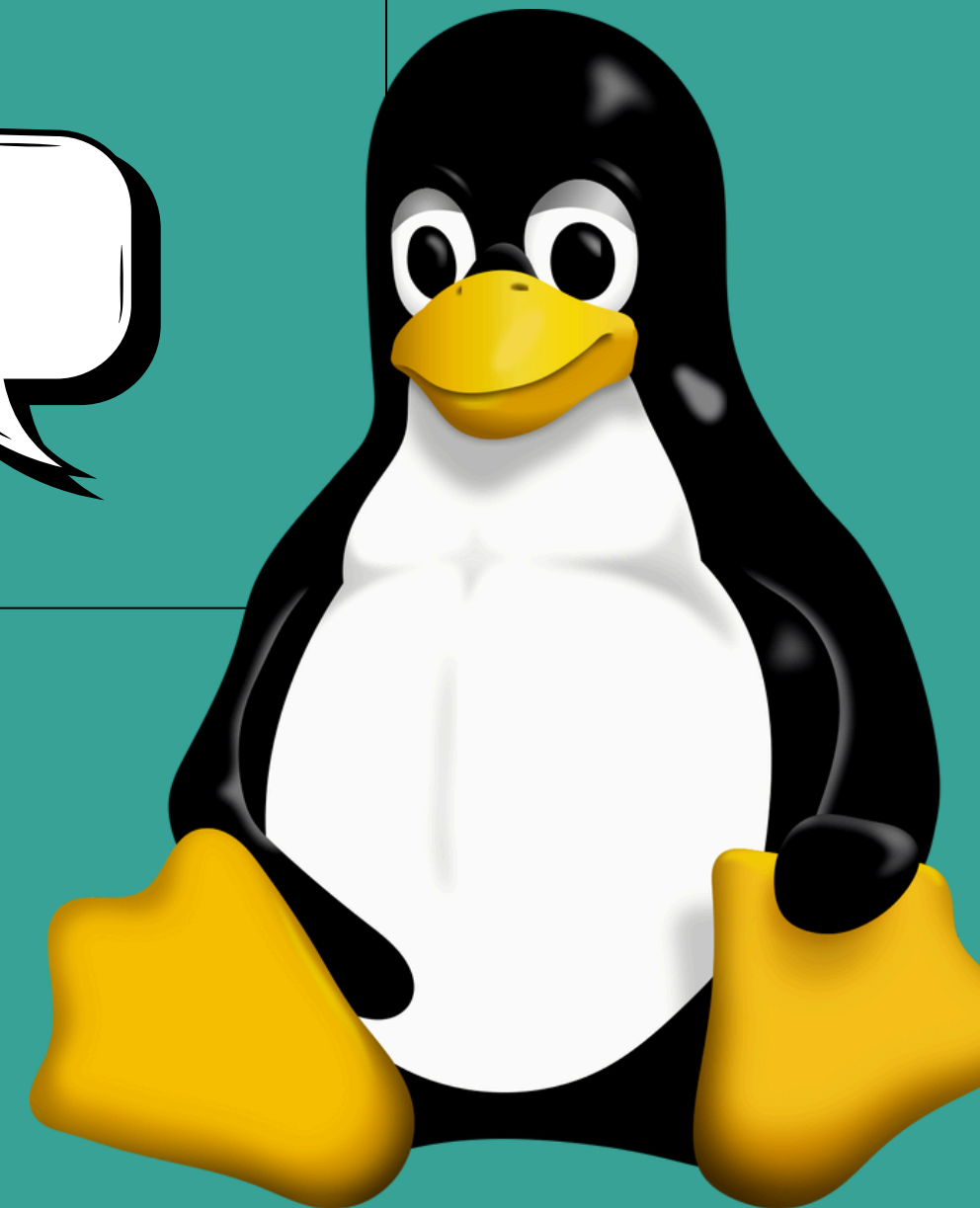


# Using Bash

- Shell Configuration: Configuration & Automate
- Shell Variable bash script: Variable & Automate
- Shell Standard Streaming

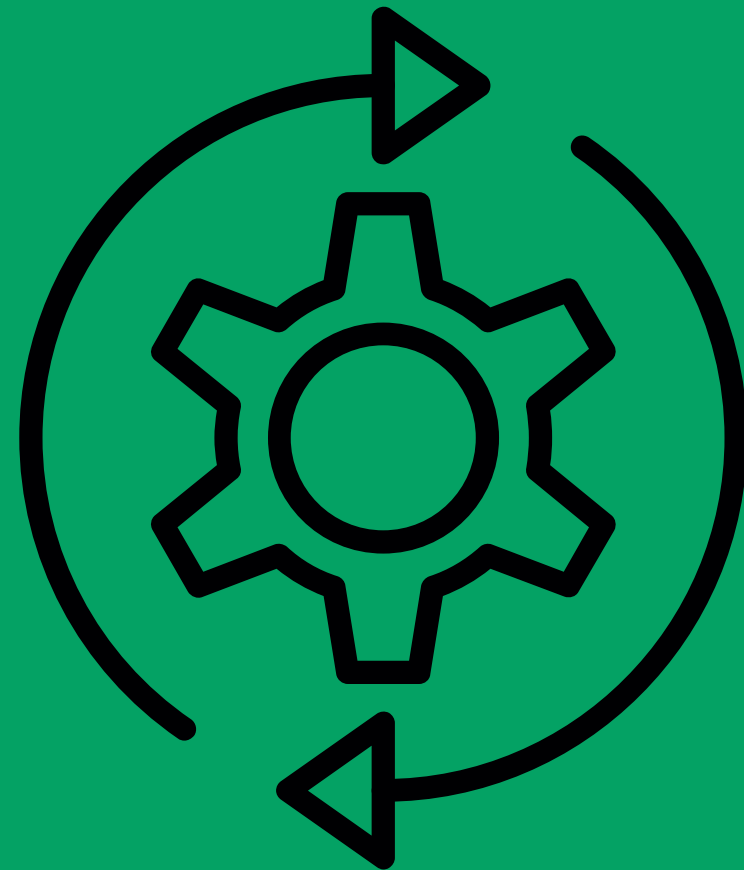
Bash!



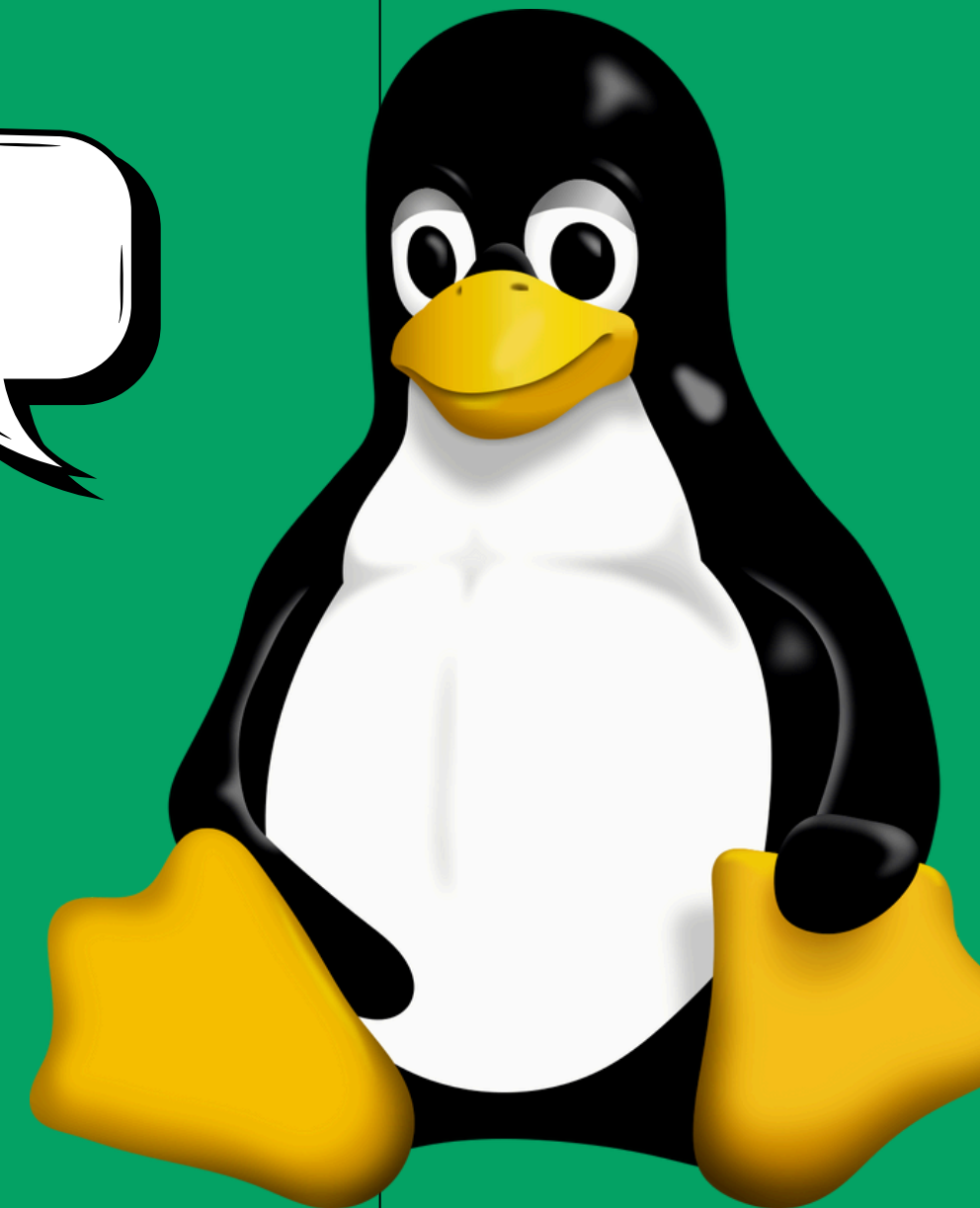
# Shell Configuration: Configuration & Automate

## Shell Configuration:

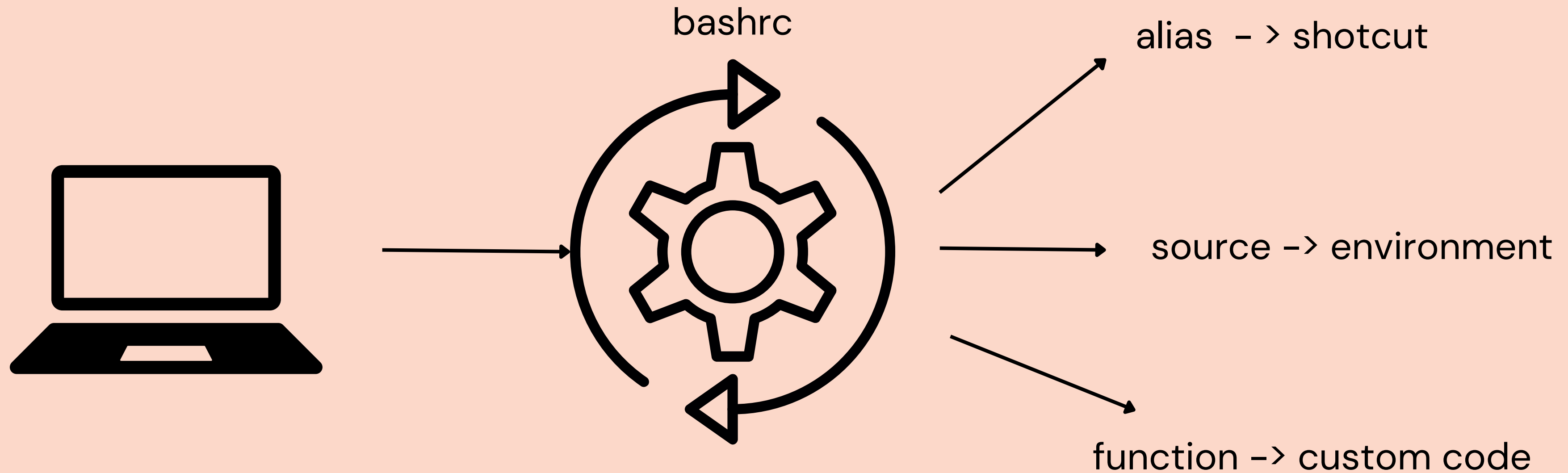
- Config = Automation
- bashrc



automation!



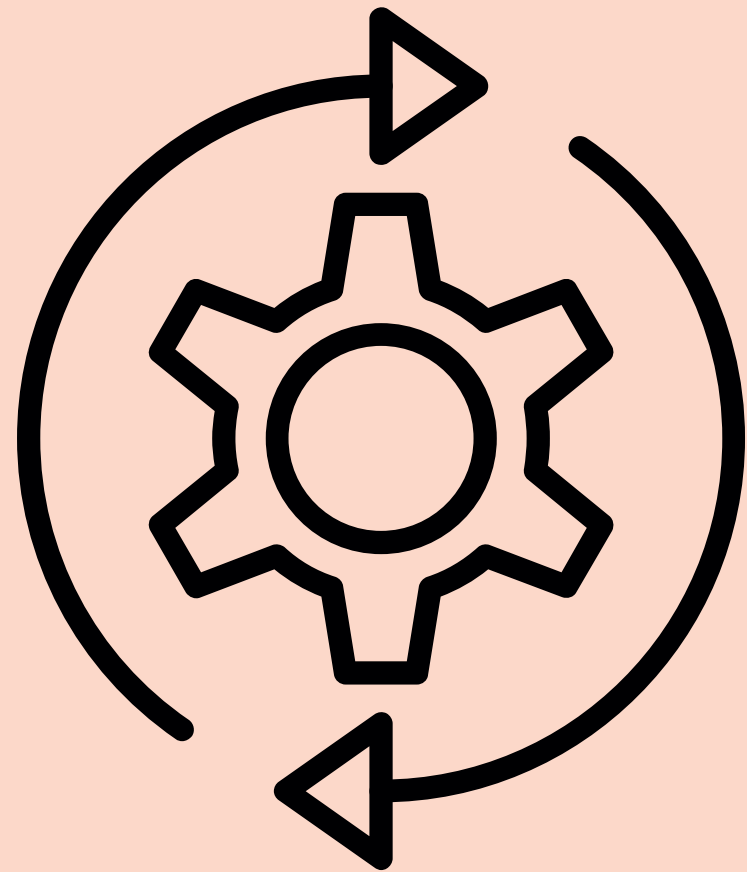
# Config = Automation



# Config = Automation

alias -> (alias srcCode='cd ~/src')

bashrc



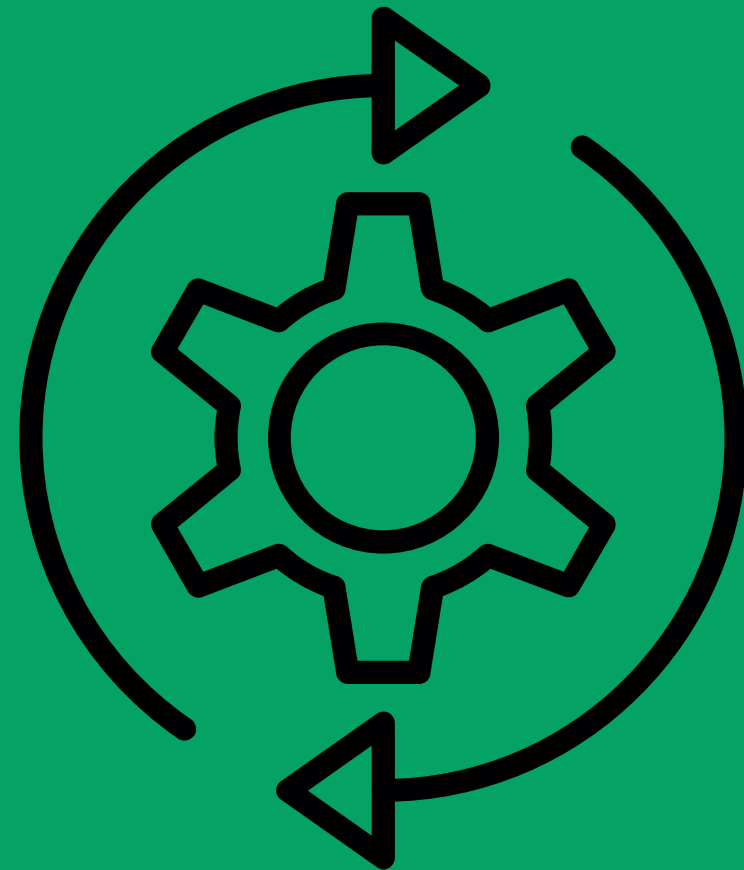
source -> export apikeypath="/home/cloudshell-user/apikeys.sh"  
source \$apikeypath

source -> python3 -m venv ~/.venv  
source ~/.venv/bin/activate

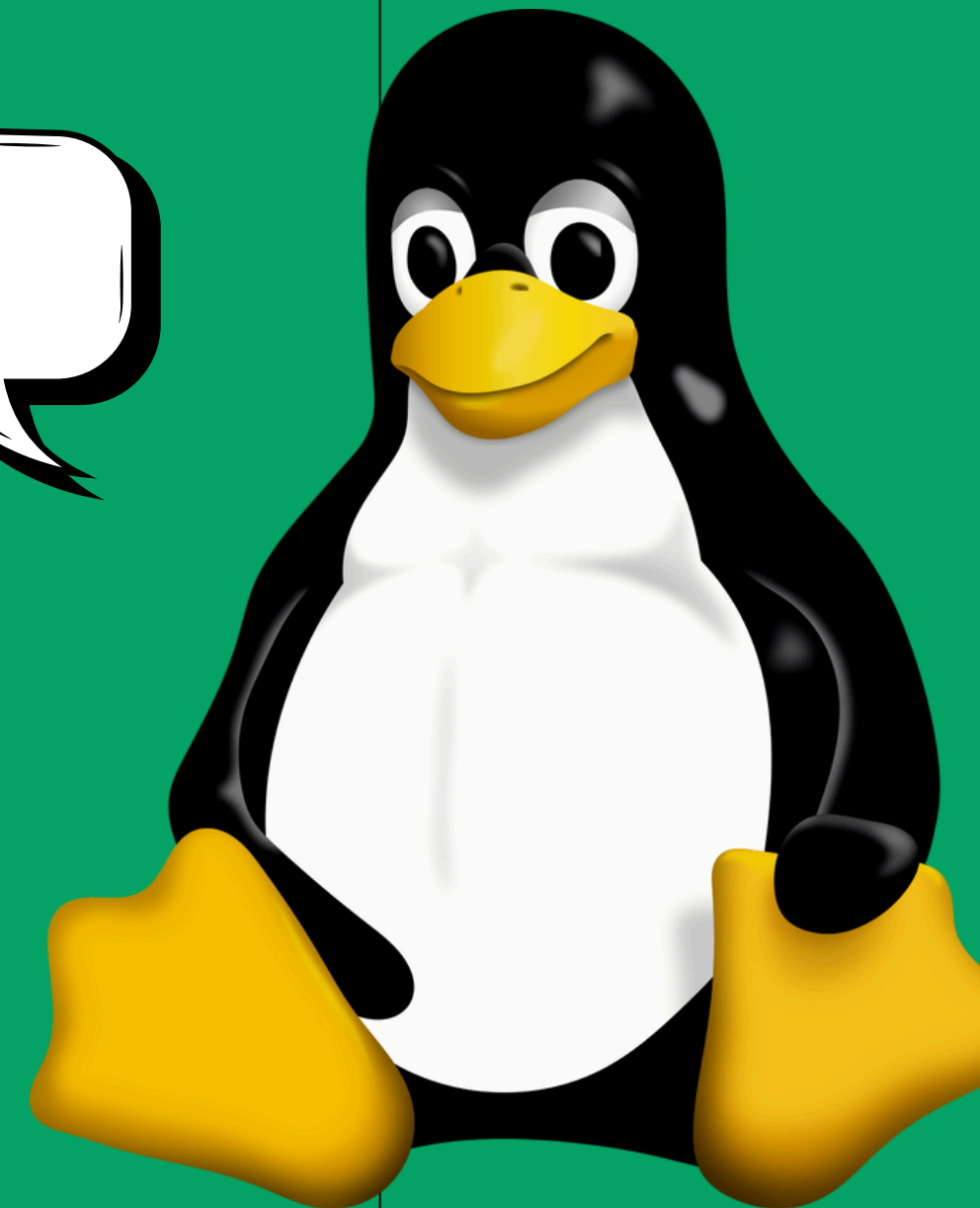
# Shell Variable in bash script

## Shell Variable:

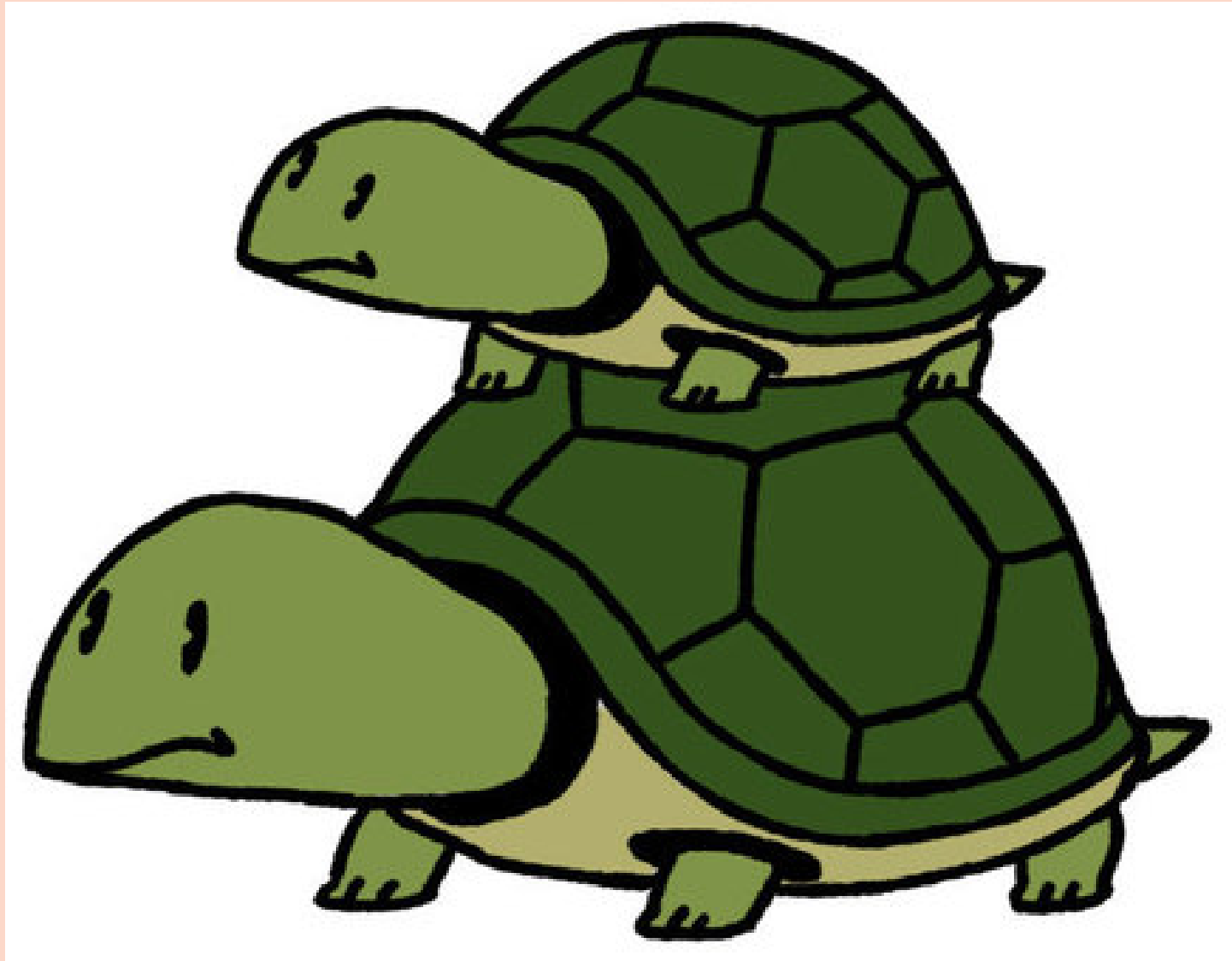
- Parent/Child
- Script/Source



automation!



# Parent & Child



```
export animal='dog'  
echo $animal
```

Child Bash Environment

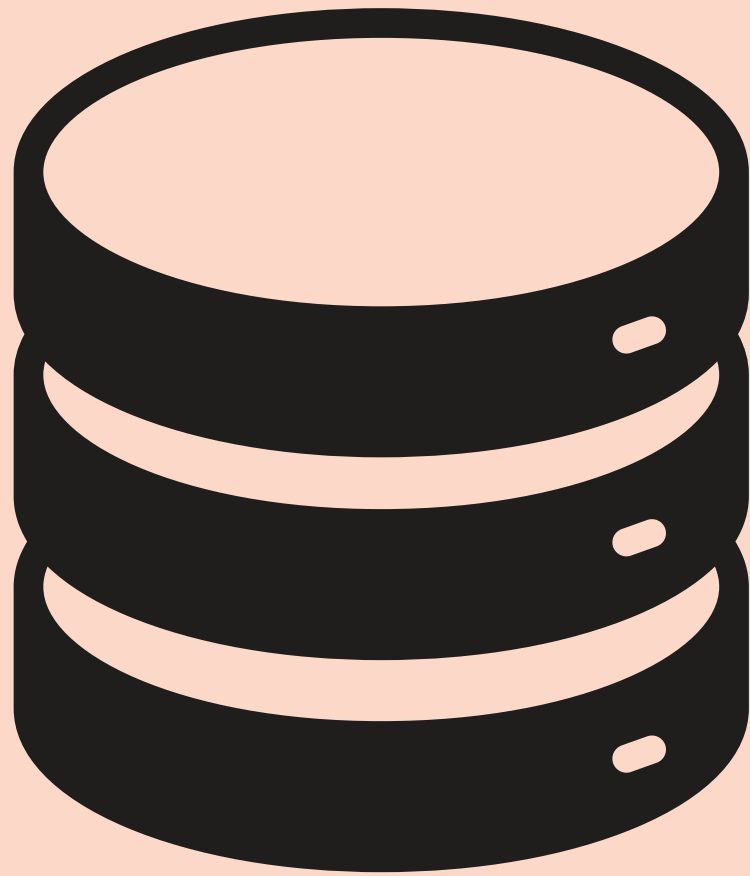


Parent Current Environment

```
animal='dog'  
echo $animal
```

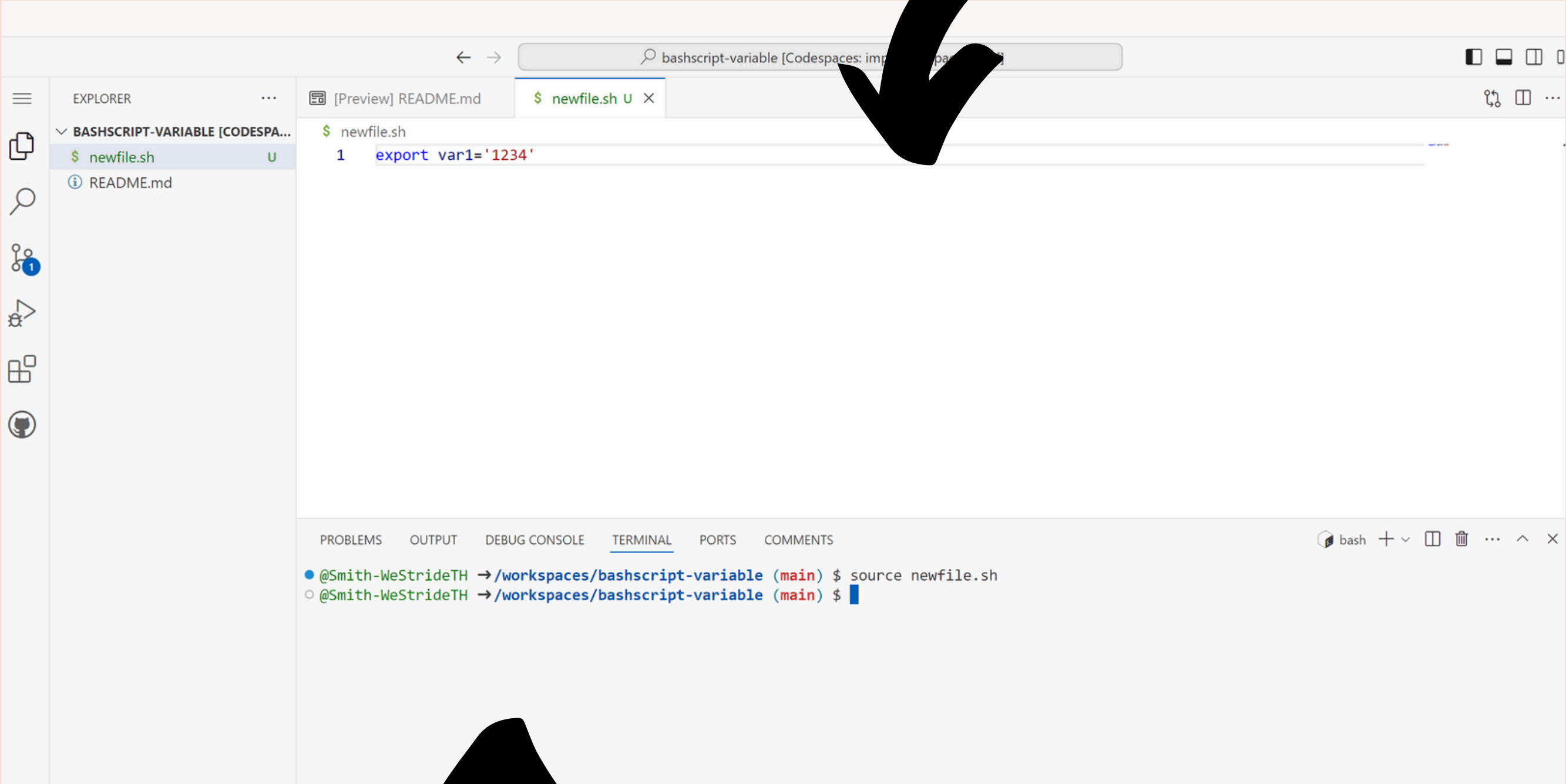
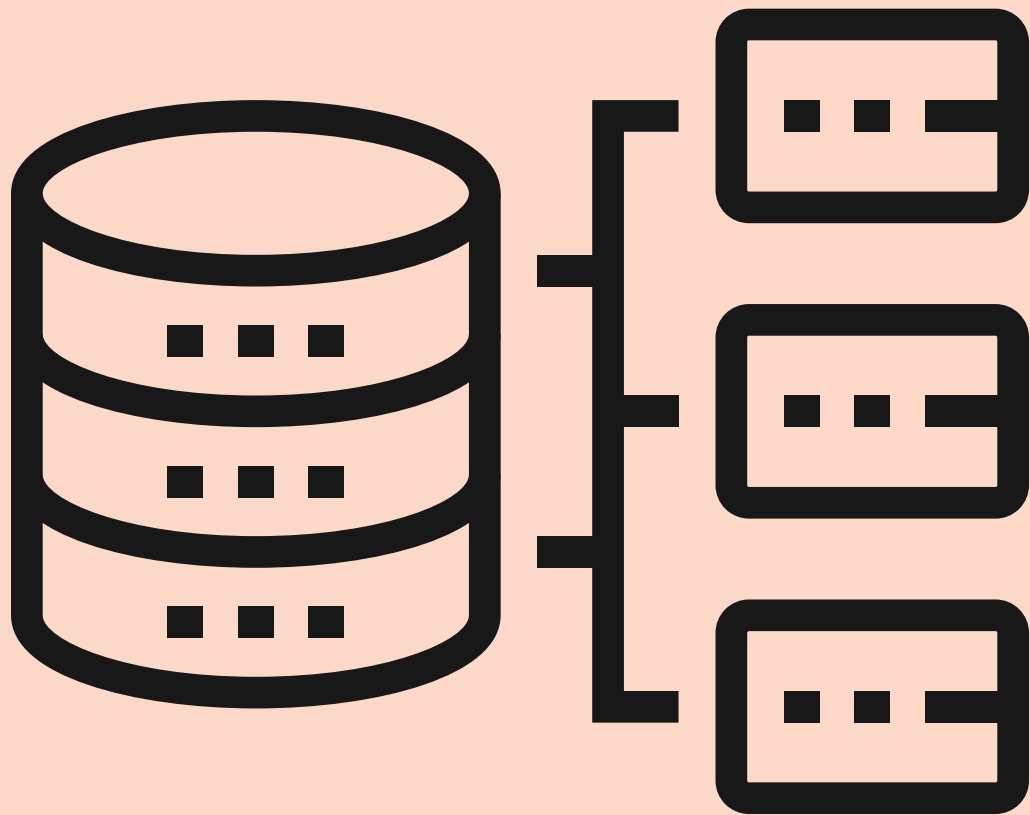
# Script

Parent Current Environment

A screenshot of a code editor interface. The Explorer sidebar on the left shows a file named 'newfile.sh' with a green '\$' icon and a 'U' (untracked) status. The main editor area shows the content of 'newfile.sh' with a single line: '1 export var1='1234''. The terminal at the bottom shows two commands: '@Smith-WeStrideTH →/workspaces/bashscript-variable (main) \$ touch newfile.sh' and '@Smith-WeStrideTH →/workspaces/bashscript-variable (main) \$ ' followed by a cursor. A large black arrow points from the 'Parent Current Environment' text to the terminal, and another large black arrow points from the 'Child Terminal' text to the code editor.

Child Terminal

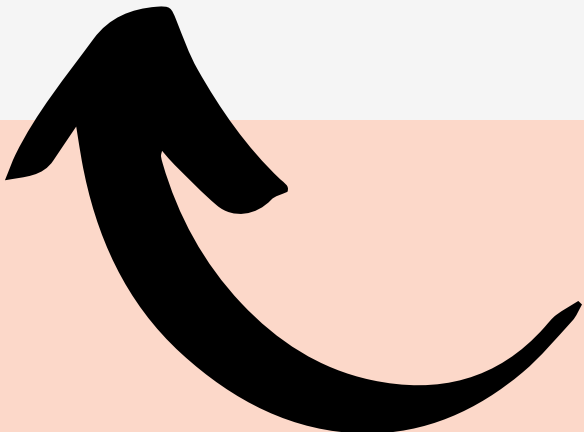
Source



Parent Current Environment



Child Terminal



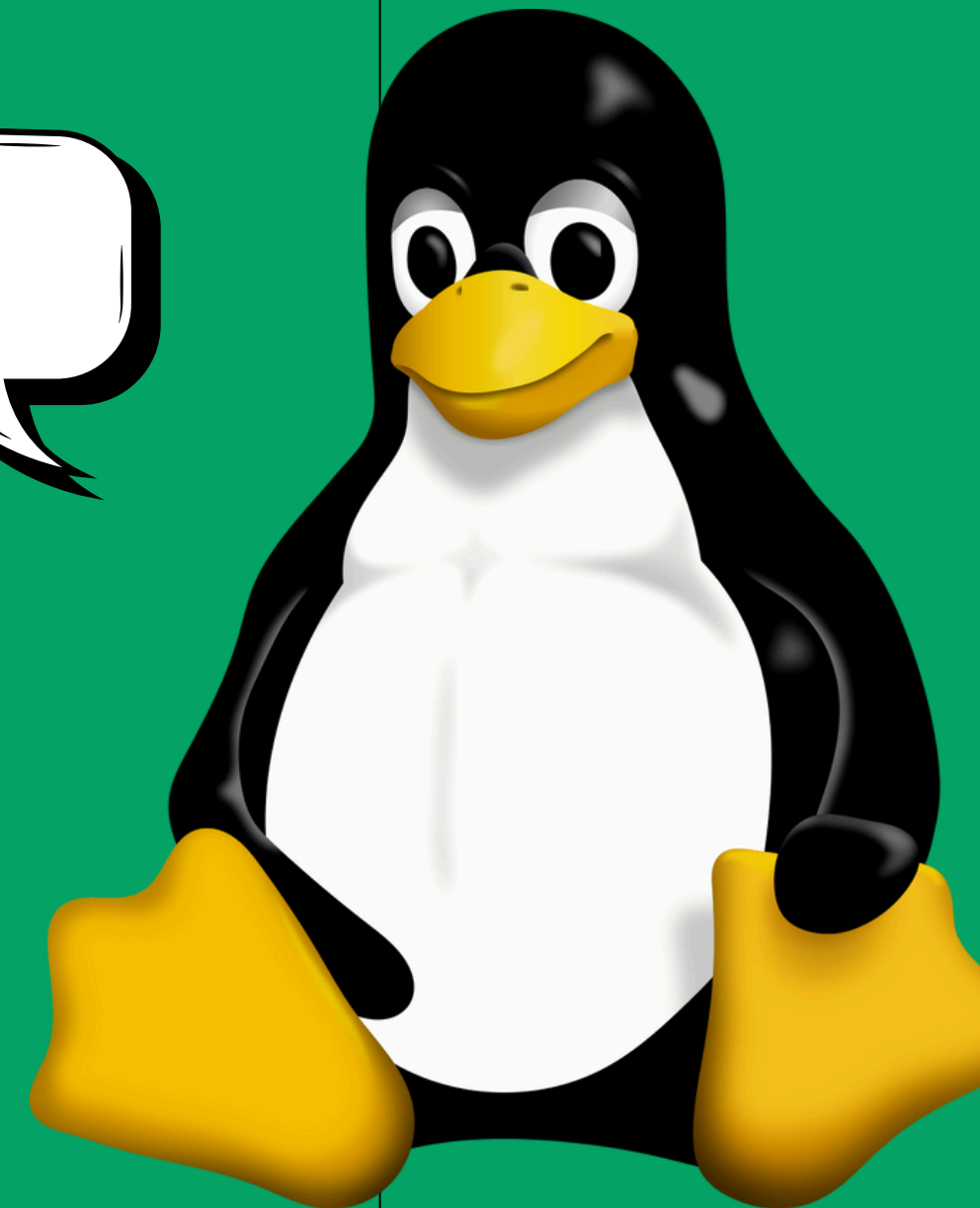


# Standard Stream

## Standard Stream:

- in
- out
- error

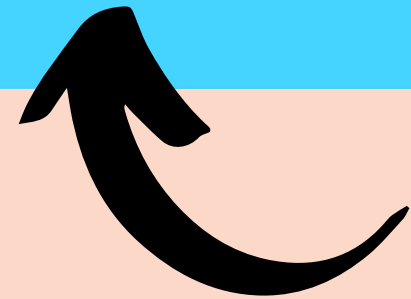
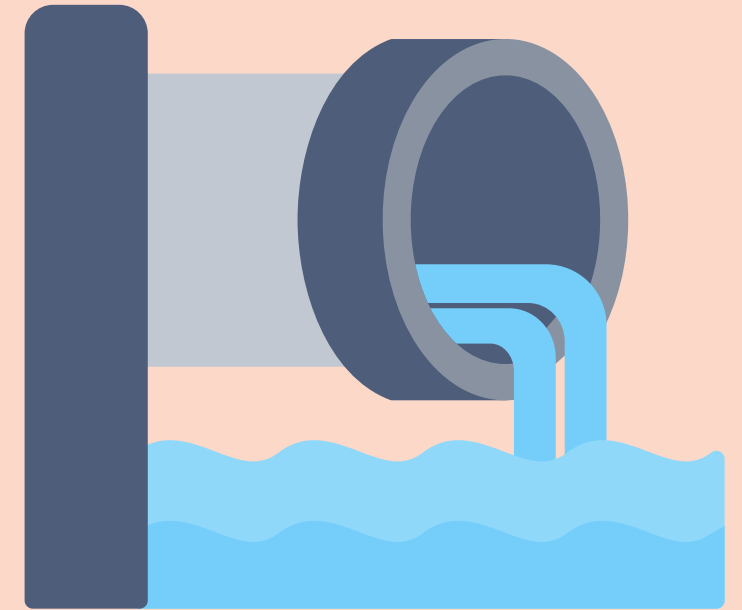
Stream



# Standard Stream

[Input | Process > output]

---



User Input

