

# DevOps ‘for Beginners’: Lab 005

Mark Bools

2023-10-23

## Abstract

DevOps ‘for Beginners’ stream.  
New topic: Basic programming.  
Discuss coding versus programming versus software engineering. Why this is important.  
Then some basics using Bash scripts, Lua, and Python as examples.  
Note: This will be the most basic introduction BUT hopefully we’ll set you on the right course from the start!

## Schedule Details

**Venue:** Twitch or YouTube (yes, I going to try simultaneous streaming)

**Time:** Thursday 6<sup>th</sup> October 2022 @ 18:00 UTC

In this stream we will introduce basic coding for DevOps.

If you want to follow along with the lab you should install the following tools:

- Git
- Vagrant
- Virtualbox

Then clone the lab<sup>a</sup>.

```
bash
1 git clone
  https://gitlab.com/saltyvagrant.classes/pfs-material.git
2 cd pfs-material
3 vagrant up
```

---

<sup>a</sup>This will take a while to run as it is setting up a substantial development environment. It will seem to freeze showing ‘Running Salt Highstate’, be patient as this can take several minutes even on a fast network/machine, the install pulls several Docker images (among other things).

## Social

### Social Media

- Reddit <https://www.reddit.com/user/saltyvagrant>
- YouTube <https://www.youtube.com/channel/UCjZc6ngNGEIVbFfSWmZDmlw>
- Twitter <https://twitter.com/saltyvagrant>
- Email [saltyvagrant@gmail.com](mailto:saltyvagrant@gmail.com)