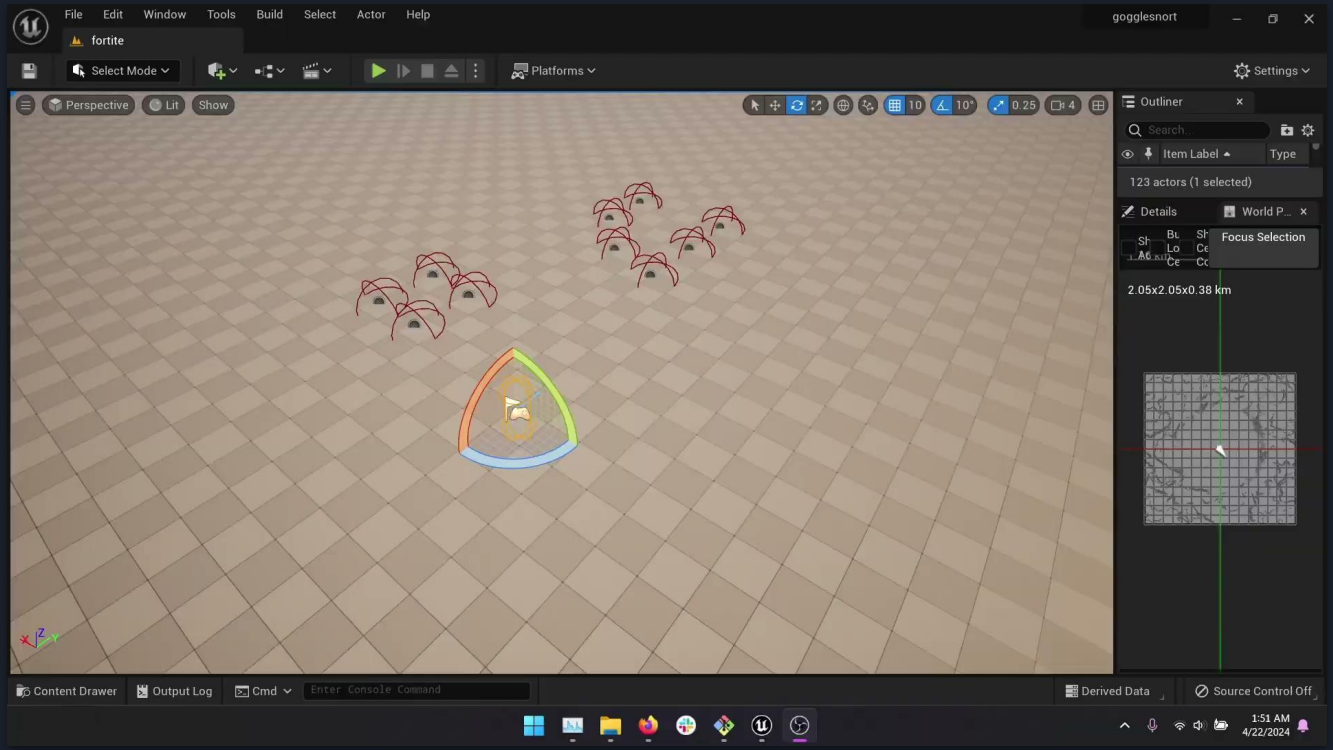
Inventory and VCS

Jacob Baumel

Inventory

Inventory

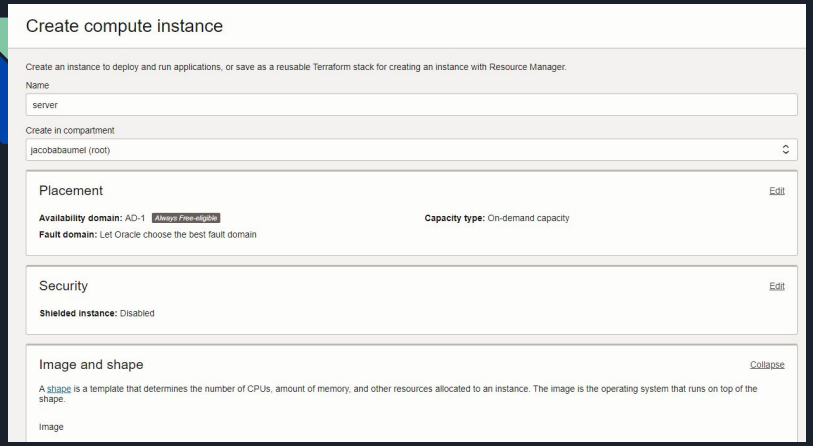

File
Edit
Window
Tools
Build
Select
Actor
Help
gogglesnort
fortite
Select Mode
Platforms
Settings
Perspective
Lit
Show
Outliner
Search...
Item Label
Type
123 actors (1 selected)
Details
World P...
Focus Selection
2.05x2.05x0.38 km
Content Drawer
Output Log
Cmd
Enter Console Command
Derived Data
Source Control Off
1:51 AM
4/22/2024

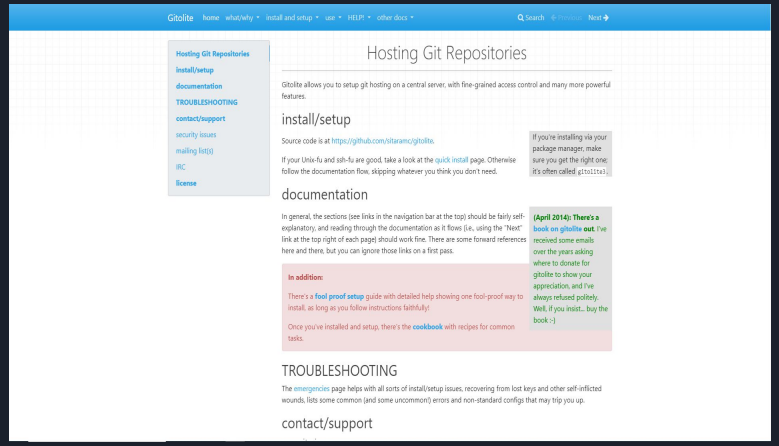
Inventory Timeline

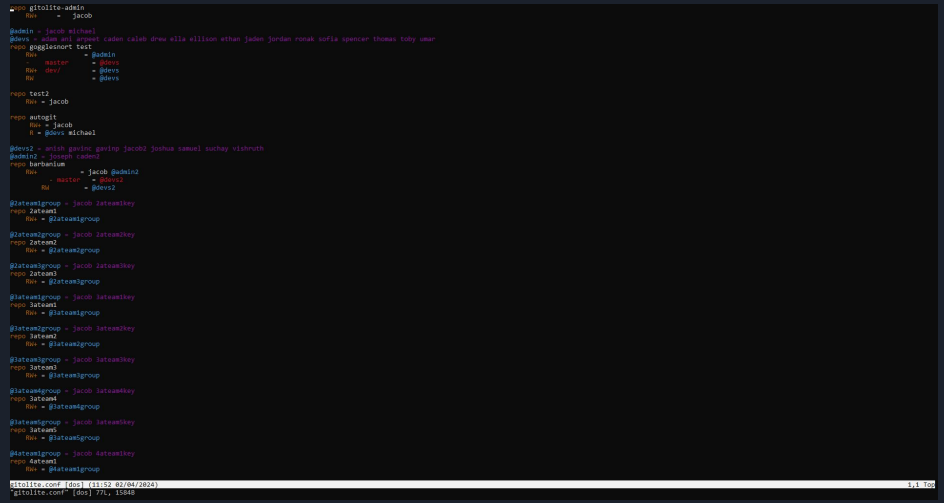
- Begin helping with inventory in November
- Begin working on modules system
- Discover issues with inventory that warrant refactor
- Remake inventory to look nicer, and to support the extra UI elements necessary
- Discover issue with internal data representation, refactor to create better system
- Refactor again to finalize inventory representation, and how data is stored persistently

Version Control

Setting up server

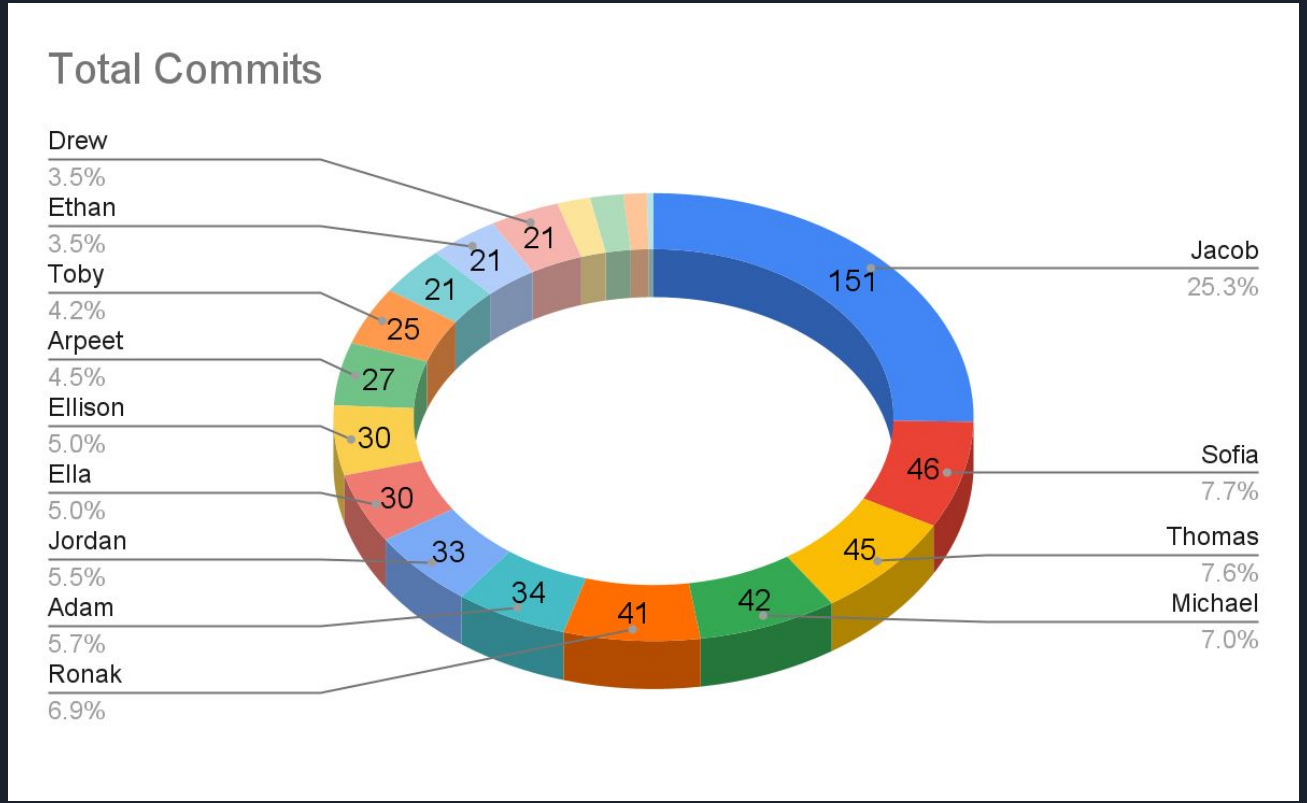






Summary Statistics

- 18 committers
- 596 total commits (at time of logging)
- 53 branches
- 7.4GB final project Size
- 22.5GB final repository size



Timeline

August:

- Discuss need for version control, decide on Git
- Discover Github, Gitlab, and Bitbucket are blocked on district networks
- Get OCI Compute instance, set up raw git and SSH
  - No finer-level permissions control
- RAM bottleneck when interacting with remote
  - Instance only has 1GB of RAM
  - When pulling/pushing, more RAM is needed
  - Create a 8GB swap partition to partially alleviate RAM issues
- In-class workshop over git usage
- Find gitolite, install and configure

Timeline

- Add second VGP 2 class to server
  - Created tools to automate SSH key creation
  - Script to automatically download correct key, install into ~/.ssh directory, write SSH config file to disk, and configure Git user
- After-school workshop over git usage with member of other class
- Begin first few merges
  - Find issues with the merging process
  - Share merging techniques with others
- Clones begin to take long
  - Repository size has grown to multiple gigabytes, full clones begin to take upwards of an hour
  - No fix
- Remote server hard drive full
  - Created second storage block, attached over iSCSI
  - Moved repository onto new storage

Next Year Preparedness