

AIS Hackathon 2017

CODARREN

Hackathon 101

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Linux



MariaDB[®]
FOUNDATION



FreeBSD



CISCOTM



“NUMBERS”

>1.2 Million



12

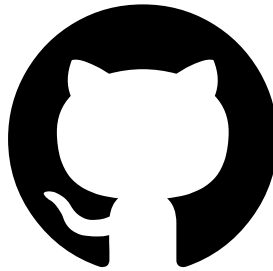


15



“HACKATHON”

Getting Ready!



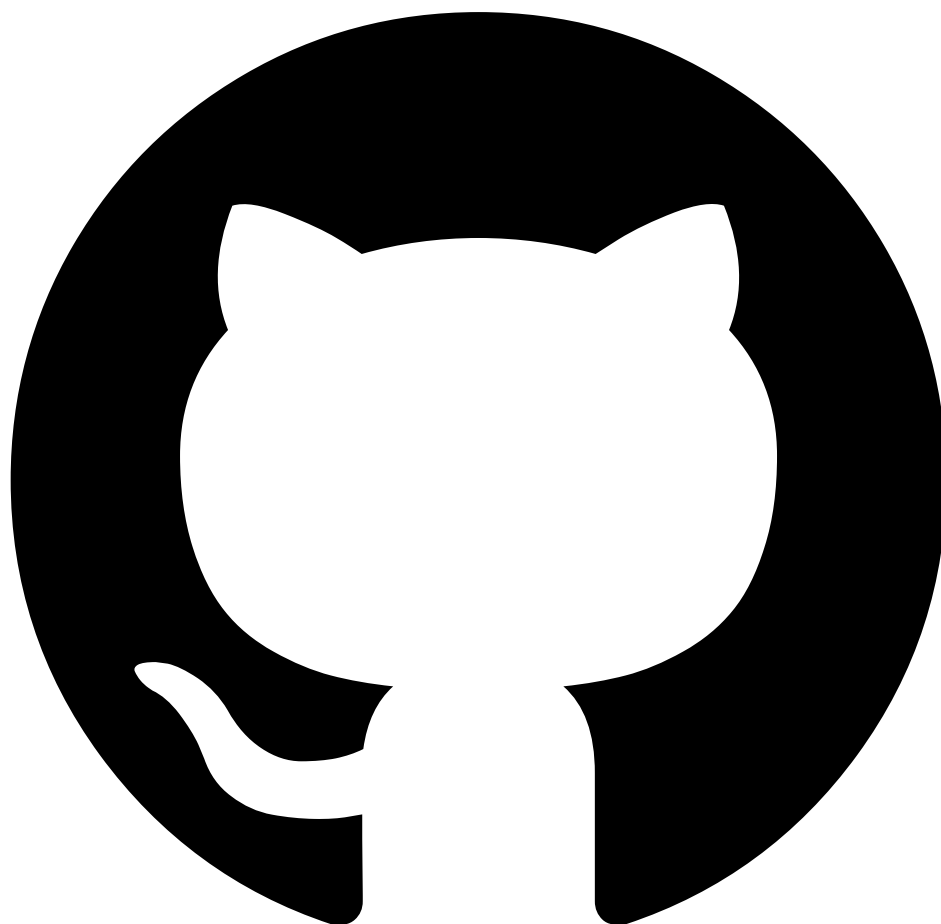
@devildron



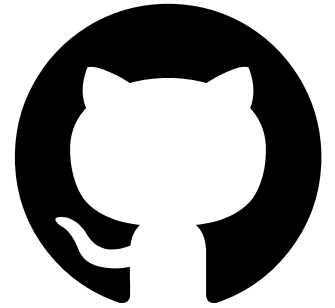
@AIS_africa



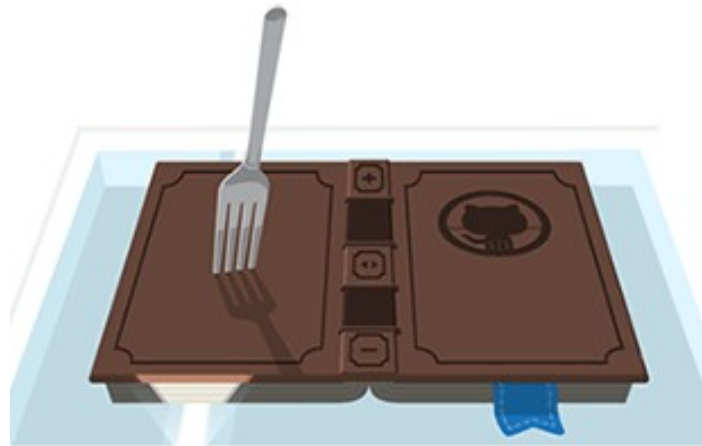
- #Hackathon
- #AISKenya
- #AISKenya #Hackathon is underway !



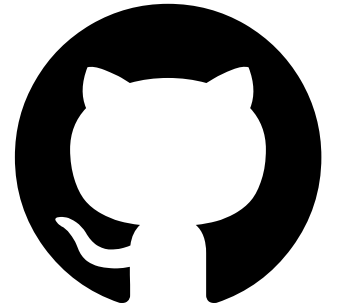
Rules



- Fork it

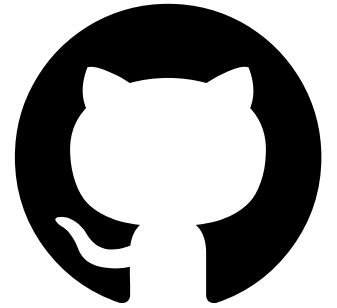


Rules



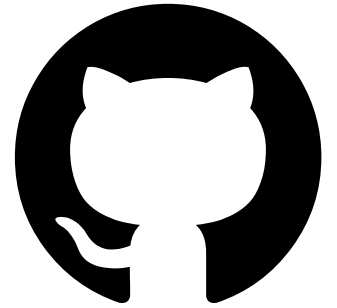
- Make Changes

Rules



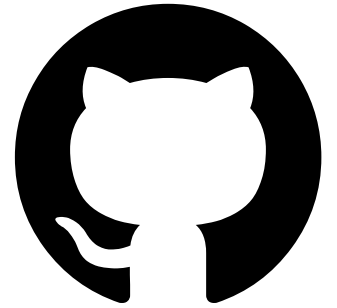
- Send Pull Request

Rules



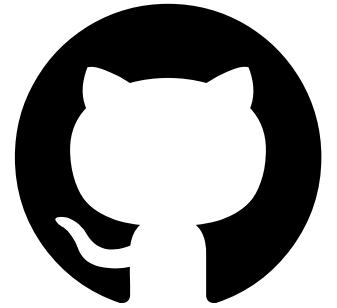
- Code Review

Rules



- Merge (commit)

Rules



- ~~Reject~~



Hypervisor



- Disk Space



make -j8

Snapshot often



“Kernel”

1. Compiling your own ()

- System configuration
- Network configuration

Hint

- FreeBSD 11.0 release vmdk
- <https://goo.gl/5PCVJj>

2. Compiling your own (1)

- FreeBSD 11.0 release vmdk
- Run
- Change root password
- Check network adapter → ifconfig
- Note down interface name → em0
- Create rc.conf in /etc/ and add config
- Restart interface
- Network should work !

3. Setting up (SSH)

- Config file `/etc/ssh/sshd_config`
- `#Protocol 2`
- `#PermitRootLogin no`
- Restart SSH → `/etc/rc.d/sshd restart`
- SSH on VM

4. Compiling the kernel

- Get sources for kernel
- Read instructions howto
- Do it !

We are Hackers.mu

- <https://hackers.mu>
- <https://codarren.com>



- “We believe in rough consensus and running code”