ANEESH N A
PES1UG20CS050
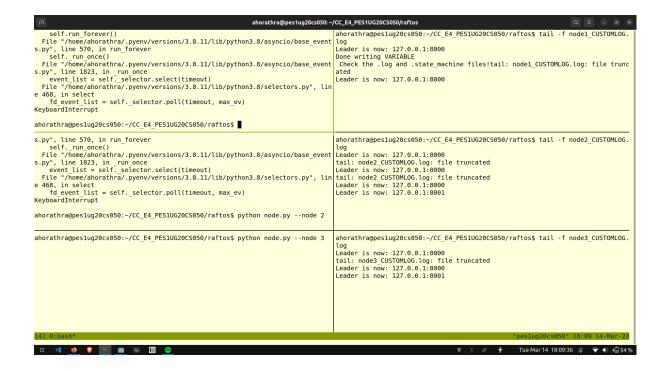
```
ahorathra@pes1ug20cs050:~$ export PATH="$HOME/.pyenv/bin:$PATH" && eval "$(pyenv init --path)" && echo -e 'if command -v pyenv 1>/dev/null 2>&1; then\n eval "
$(pyenv init -)"\nfi' >> ~/.bashrc
ahorathra@pes1ug20cs050:~$ exec $SHELL
ahorathra@pes1ug20cs050:~$ pyenv --version
pyenv 2.3.15
ahorathra@pes1ug20cs050:~$
```

Tue Mar 14 13:57:10   ▼ ◀) 🔋 80%

```
Looking in links: /tmp/tmph6fwp_bi
Processing /tmp/tmph6fwp_bi/setuptools-56.0.0-py3-none-any.whl
Processing /tmp/tmph6fwp_bi/pip-21.1.1-py3-none-any.whl
Installing collected packages: setuptools, pip
  WARNING: The scripts pip3 and pip3.8 are installed in '/home/ahorathra/.pyenv/versions/3.8.11/bin' which is not on PATH.
  Consider adding this directory to PATH or, if you prefer to suppress this warning, use --no-warn-script-location.
Successfully installed pip-21.1.1 setuptools-56.0.0
/tmp/python-build.20230314143828.90744 ~
~
Installed Python-3.8.11 to /home/ahorathra/.pyenv/versions/3.8.11
ahorathra@pes1ug20cs050:~$
```

Tue Mar 14 14:42:06   ▼ ◀) 🔋 53%

```
ahorathra@pes1ug20cs050:~$ cd CC_E4_PES1UG20CS050/
ahorathra@pes1ug20cs050:~/CC_E4_PES1UG20CS050$ git clone https://github.com/zhebrak/raftos
Cloning into 'raftos'...
remote: Enumerating objects: 196, done.
remote: Total 196 (delta 0), reused 0 (delta 0), pack-reused 196
Receiving objects: 100% (196/196), 92.14 KiB | 434.00 KiB/s, done.
Resolving deltas: 100% (115/115), done.
ahorathra@pes1ug20cs050:~/CC_E4_PES1UG20CS050$ pyenv local 3.8.11
ahorathra@pes1ug20cs050:~/CC_E4_PES1UG20CS050$ python -V
Python 3.8.11
ahorathra@pes1ug20cs050:~/CC_E4_PES1UG20CS050$
```

Tue Mar 14 14:52:34   ▼ ◀) 🔋 46%

ahorathra@pes1ug20cs050: ~/CC_E4_PES1UG20CS050/raftos

```
    self.run_forever()
  File "/home/ahorathra/.pyenv/versions/3.8.11/lib/python3.8/asyncio/base_event
s.py", line 570, in run_forever
    self._run_once()
  File "/home/ahorathra/.pyenv/versions/3.8.11/lib/python3.8/asyncio/base_event
s.py", line 1823, in _run_once
    event_list = self._selector.select(timeout)
  File "/home/ahorathra/.pyenv/versions/3.8.11/lib/python3.8/selectors.py", lin
e 468, in select
    fd_event_list = self._selector.poll(timeout, max_ev)
KeyboardInterrupt

ahorathra@pes1ug20cs050:~/CC_E4_PES1UG20CS050/raftos$
```

```
ahorathra@pes1ug20cs050:~/CC_E4_PES1UG20CS050/raftos$ tail -f node1_CUSTOMLOG.
log
Leader is now: 127.0.0.1:8000
Done writing VARIABLE
 Check the .log and .state_machine files!tail: node1_CUSTOMLOG.log: file trunc
ated
Leader is now: 127.0.0.1:8000
```

```
s.py", line 570, in run_forever
    self._run_once()
  File "/home/ahorathra/.pyenv/versions/3.8.11/lib/python3.8/asyncio/base_event
s.py", line 1823, in _run_once
    event_list = self._selector.select(timeout)
  File "/home/ahorathra/.pyenv/versions/3.8.11/lib/python3.8/selectors.py", lin
e 468, in select
    fd_event_list = self._selector.poll(timeout, max_ev)
KeyboardInterrupt

ahorathra@pes1ug20cs050:~/CC_E4_PES1UG20CS050/raftos$ python node.py --node 2
```

```
ahorathra@pes1ug20cs050:~/CC_E4_PES1UG20CS050/raftos$ tail -f node2_CUSTOMLOG.
log
Leader is now: 127.0.0.1:8000
tail: node2_CUSTOMLOG.log: file truncated
Leader is now: 127.0.0.1:8000
tail: node2_CUSTOMLOG.log: file truncated
Leader is now: 127.0.0.1:8000
Leader is now: 127.0.0.1:8001
```

```
ahorathra@pes1ug20cs050:~/CC_E4_PES1UG20CS050/raftos$ python node.py --node 3
```

```
ahorathra@pes1ug20cs050:~/CC_E4_PES1UG20CS050/raftos$ tail -f node3_CUSTOMLOG.
log
Leader is now: 127.0.0.1:8000
tail: node3_CUSTOMLOG.log: file truncated
Leader is now: 127.0.0.1:8000
Leader is now: 127.0.0.1:8001
```

[4] 0:bash*   "pes1ug20cs050" 18:09 14-Mar-23

Tue Mar 14 18:09:36   ▼ ◀) 🔋 54%

```
                                                        ahorathra@pes1ug20cs050: ~/CC_E4_PES1UG20CS050/raftos                                    
  File "/home/ahorathra/.pyenv/versions/3.8.11/lib/python3.8/asyncio/base_event    ahorathra@pes1ug20cs050:~/CC_E4_PES1UG20CS050/raftos$ tail -f node1_CUSTOMLOG.
s.py", line 570, in run_forever                                                    log
    self._run_once()                                                              Leader is now: 127.0.0.1:8000
  File "/home/ahorathra/.pyenv/versions/3.8.11/lib/python3.8/asyncio/base_event    Done writing VARIABLE
s.py", line 1823, in _run_once                                                     Check the .log and .state_machine files!tail: node1_CUSTOMLOG.log: file trunc
    event_list = self._selector.select(timeout)                                   ated
  File "/home/ahorathra/.pyenv/versions/3.8.11/lib/python3.8/selectors.py", lin    Leader is now: 127.0.0.1:8000
e 468, in select                                                                  tail: node1_CUSTOMLOG.log: file truncated
    fd_event_list = self._selector.poll(timeout, max_ev)                          Leader is now: 127.0.0.1:8001
KeyboardInterrupt

ahorathra@pes1ug20cs050:~/CC_E4_PES1UG20CS050/raftos$ python node.py --node 1

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s.py", line 570, in run_forever                                                   ahorathra@pes1ug20cs050:~/CC_E4_PES1UG20CS050/raftos$ tail -f node2_CUSTOMLOG.
    self._run_once()                                                              log
  File "/home/ahorathra/.pyenv/versions/3.8.11/lib/python3.8/asyncio/base_event    Leader is now: 127.0.0.1:8000
s.py", line 1823, in _run_once                                                     tail: node2_CUSTOMLOG.log: file truncated
    event_list = self._selector.select(timeout)                                   Leader is now: 127.0.0.1:8000
  File "/home/ahorathra/.pyenv/versions/3.8.11/lib/python3.8/selectors.py", lin    tail: node2_CUSTOMLOG.log: file truncated
e 468, in select                                                                  Leader is now: 127.0.0.1:8000
    fd_event_list = self._selector.poll(timeout, max_ev)                          Leader is now: 127.0.0.1:8001
KeyboardInterrupt

ahorathra@pes1ug20cs050:~/CC_E4_PES1UG20CS050/raftos$ python node.py --node 2

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ahorathra@pes1ug20cs050:~/CC_E4_PES1UG20CS050/raftos$ python node.py --node 3    ahorathra@pes1ug20cs050:~/CC_E4_PES1UG20CS050/raftos$ tail -f node3_CUSTOMLOG.
                                                                                  log
                                                                                  Leader is now: 127.0.0.1:8000
                                                                                  tail: node3_CUSTOMLOG.log: file truncated
                                                                                  Leader is now: 127.0.0.1:8000
                                                                                  Leader is now: 127.0.0.1:8001




[4] 0:bash*                                                                                                "pes1ug20cs050" 18:10 14-Mar-23
```