Cloud Computing Lab 4 Report

PES1UG19CS592

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1 Visualisation

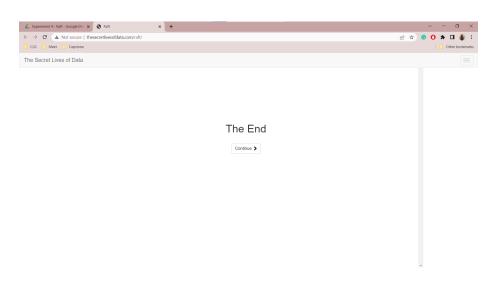


Figure 1: End of visualization

```
Installed /home/peslugl9cs592/miniconda3/envs/raft/lib/python3.9/site-packages/cffi-1.15.0-py3.9-linux-x86_64.egg
Searching for pycparser
Reading https://pypi.org/simple/pycparser/
Downloading https://pypi.org/simple/pycparser/
Downloading https://piles.pythonhosted.org/packages/62/d5/5f610ebe421e85889f2e55e33b7f9a6795bd982198517d912eblc76e1a53/pycpar
ser-2.21-py2.py3-none-any.whl#sha256=Bee45429555515e1f6b185e78100aea234072576aa43ab53aefcae078162fca9
Best match: pycparser 2. 21
Pyc.epsing pycparser-2.21-py2.py3-none-any.whl to /home/peslug19cs592/miniconda3/envs/raft/lib/python3.9/site-packages
Adding pycparser 2.21 to easy-install.pth file

Installed /home/peslug19cs592/miniconda3/envs/raft/lib/python3.9/site-packages/pycparser-2.21-py3.9.egg
Finished processing dependencies for raftos==0.2.6
(raft) peslug19cs592/elAPTOP-3Mk83/Wiz-/cCAssignments/Lab 4/PES1UG19CS592_CLL884/raftos$
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Figure 2: Install setup

2 Run a raftos cluster and demonstrate leader election



Figure 3: Leader elected

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```

Figure 4: After simulating crash of the previous leader

Figure 5: After simulating crash of the previous leader

3 Verify data is logged and stored by all nodes involved

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```

Figure 6: .log, .statemachine, .storagefiles

Figure 7: Node log files