
Report: Project 3 – Chord Protocol in Scala

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Course: COP 5615: Distributed Operating Systems
Principles

Tool used for the code: IntelliJ IDEA

System Configuration Snapshot:

System

| | |
|-------------------------|---|
| Processor: | Intel(R) Core(TM) i5-3210M CPU @ 2.50GHz 2.50 GHz |
| Installed memory (RAM): | 4.00 GB |
| System type: | 64-bit Operating System, x64-based processor |

How to run the code:

For the Non-failure Model.

Run the command in terminal

```
project3.scala numNodes numRequests
```

where

numNodes is any numerical value

numRequests is any numerical value (related to m where 2^m is the size of the ring)

For the Failure Model.

Run the command in terminal

```
project3.scala numNodes numRequests
```

where

numNodes is any numerical value

numRequests is any numerical value (related to m where 2^m is the size of the ring)

The details of the findings and analysis is provided in the folder Report.