

Project 2 CS 6378 AOS Summer 2015

Raymond Mutual Exclusion Service using a Broadcast Service in a distributed system.

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Project Directory Info

The Source Project Directory consists of the following sub directories

inc	- Header Files for the project
src	- Source(.cpp) files for the project
Make	- makefile to compile the project source code
bin	- project binary
Test	- Parser Class to Check the Vector Clock ordering and store Critical Section Log.
scripts_config	- Configuration Files and Scripts for 2 Topologies

Compilation Instruction

1. Copy the Project Source Directory into user's UNIX account

2. Change Directory to Make folder

COMMAND :: cd \$PROJECTHOME/Make

3. Type make to build the project

COMMAND :: make

4. The binary named "AOSProject" is built and placed in the \$PROJECTHOME/bin folder

Execution Instruction

1. In the home folder of user's UNIX account create a folder AOS/Project2

2. Place the compiled binary "AOSProject" into the above folder

3. Place the scripts present in the \$PROJECTHOME/scripts_config in the home folder of user's UNIX account

4. Change the configuration file (ConfigurationFile.txt) as per the topology. Ensure the sample format present in the \$PROJECTHOME/bin folder.

5. Modify the runScript.sh and killscript.sh as per the configuration file.

6. Ensure the binary and script files have execution permission. COMMAND: chmod +x "File Name"

7. Run the runscript in the user's UNIX account. COMMAND: ./runScript.sh

8. Run the killscript to kill the user's processes in systems. COMMAND: ./killscript.sh