##

Read Me File

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1) Files Included with structure :

- ns2.35/mac/MncPrj.cc
- ns2.35/mac/MncPrj.h
- ns2.35/tcl/lan/ns-mac.tcl [to include the default parameter value]
- ns2.35/Makefile [added mac/MncPrj.o]
- amitprat_proj3.tcl
- awk_scr.awk [script file]
- Report.pdf [analysis report]
- ReadMe.pdf

2) Compilation Instruction :

- run '**make**' command in ns2.35 directory.
- run '**sudo make install**' to install new NS.

3)Execution and Parameter Modifications :

- The tickle script can simply be run as
  - **ns amitprat_proj.tcl <repeatnum>**
- Modify the below numbers to change their values in above tcl file. (the repeat num need not be modified manually, it can be specified as command line parameter, if you don't pass any parameter, then default value is 1).
  - **set val(repeatTimes) 1** ;#duplicate copies of packets
  - **set val(nn) 11** ;# number of mobile nodes (10 source nodes + 1 sink node)
  - **set val(stop) 100** ;# time of simulation end

4)Analysis script and trace file

- Generated trace file : **trace_file.tr**
- Analysis script can be run simply as
  - **gawk -f awk_scr.awk tracefile.tr**
- Generated Results are printed in STDOUT.
  [Analysis script simply counts the number of received packets and sent packets and calculate the ratio]