

Populating the TOOLSPECS Table

The [TOOLSPECS](#) table contains the specifications for each and every probe for each and every target node. Many of the specifications are identical, however because some can be different depending upon the characteristics of the network connecting to the target node, each node must have its own specifications.

The following is a template for a csv file for entering the toolspecs. Note that any probe can be commented out by starting the line with 2 '#' signs ("##"). the field specifier line must all be contained on one line, as must each of the probe specifications. They are split up over multiple lines to make the example fit in the space below.

```
TABLENAME=TOOLSPECS
## the following 2 lines must be on one as must each of the individual specifications
#srcNodeID,destNodeID,toolName,toolPath,toolDo,testtype,toolOpts1,toolOpts2,toolopts3,
time2run,runinterval,daystoanalyze,datatoanalyze
##insert the srcnodeid and destnodeid in the first two columns
# again, each probe specification must be on one line
##iperf example
113,5,iperf,/home/iepm/v3src/bin/iperf,1,background-syn,-p 5000 -t 20 -i 5 -f mM,,,
30,1800,28,iperf:iperf=w p lt 6 pt 6
# miperf - multistream iperf example
113,5,miperf,/home/iepm/v3src/bin/miperf,1,background-syn,-p 5000 -P 8 -t 20 -w 2M -f mM,,,
30,1800,28,miperf:miperf=w p lt 6 pt 6;
miperf:thruamin=w p lt 5 pt 1;miperf:thruavg=w p lt 7 pt 1;miperf:thruamax=w p lt 3 pt 1
## traceroute
113,5,traceroute,/usr/sbin/traceroute,1,background,-q 1 -w 2,,,
15,600,28,traceroute:numhops=w p lt 6 pt 6
##ping
113,5,ping,/bin/ping,1,background,-s 1000 -c 10 -w 20,,,
15,600,28,ping:max=w p lt 7 pt 5;ping:avg=w p lt 2 pt 5;ping:min=w p lt 3 pt
##pathchirp example
113,5,pathchirp,/home/iepm/v3src/bin/pathchirp_rcv,1,background,-t 10 -J 6 -a 2 -l 100 -u 10000,,,
45,1800,28,
pathchirp:pathchirp=w p lt 6 pt 6;pathchirp:thruamin=w p lt 5 pt 1;pathchirp:thruavg=w p lt 7 pt 1;pathchirp:
thruamax=w p lt 3 pt 1
##pathload example
113,5,pathload,/home/iepm/v3src/bin/pathload_rcv,1,background-syn,-t 90,,,
45,1800,28,
pathchirp:pathchirp=w p lt 6 pt 6;pathchirp:thruamin=w p lt 5 pt 1;pathchirp:thruavg=w p lt 7 pt 1;pathchirp:
thruamax=w p lt 3 pt 1
```

The dataToAnalyze field is a specification for the data to be analyzed and how it is to be plotted via GNUPLOT. The form of it is:

'datafile_suffix:column_heading=gnuplot_spec'.

Datafile suffixes currently existing are: ping, trace, iperf, miperf, pathload, pathchirp, tlaytcp.

Note that each probe has a specification just for that probe. These specifications are used to create the individual plots for each probe.