

# Workhorse Scripts

These scripts are called for the automated analysis and presentation. Although some are called directly, others are called by higher level analysis routines.

## **create-diurnal-plots**

'create-diurnal-plots' loops over all the nodes and probes and calls 'plotem-diurnal' for each node and probe to do the diurnal analysis, fitting, plotting and web page creation.

## **find-winsize**

'find-winsize' fetches the node specifications (currently only the nicspeed) from the [NODESPECS](#) table and the ping RTT for the last 24 hours from the [PIN GDATA](#) table for each node in the NODESPECS table and calculates the optimal window size for single stream iperf and thrulay probes. It then saves this value into the NODESPECS table. This has not been fully implemented because the scripts have not been written to load the NODESPECS table. It does work for nodes whose specification are in the NODESPECS table.