

PingER2 Data Flow

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- PingER2 collects and stores data in the directory defined inside pinger.xml configuration file (in SLAC pinger.xml can be found at /afs/slac.stanford.edu/package/pinger/pinger2/share/pinger/pinger.xml). At SLAC this sets the data directory via <DataDirectory>/nfs/slac/g/net/pinger/pinger2/data/</DataDirectory>

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```
$ ls -l /nfs/.../pinger/pinger2/data/
total 365528
-rwxrwxr-x 1 ... 163965926 Oct 31 16:40 ping-2009-10.txt\*
-rwxrwxr-x 1 ... 43266107 Nov 19 11:05 ping-2009-11.txt\*
-rwxrwxr-x 1 ... 103447435 Jan 31 15:39 ping-2010-01.txt\*
-rwxrwxr-x 1 ... 63376205 Feb 10 16:40 ping-2010-02.txt\*
```

- Each file contains data of the form:

```
pinger.slac.stanford.edu 134.79.240.29 www.ipc.bf 196.28.248.26 1000 1264982436 10 10 423.911 473.670
507.699 0 1 2 3 4 5 6 7 8 9 442 450 499 507 423 432 482
491 498 506
pinger.slac.stanford.edu 134.79.240.29 195.24.192.47 195.24.192.47 1000 1264982436 10 10 431.108 431.668
432.337 0 1 2 3 4 5 6 7 8 9 431 431 432 432 431 431 4
31 431 431 431
```

This indicates, the hostname and the ip address of the node running pinger2, remote host to which ping tests are run, size of ping packets, timestamp of test, number of pings sent, number of pings returned,min rtt, avg rtt, max rtt, id number of returned pings, rtt for each returned ping.
----Do not Copy these commands directly, these commands wont work.