NAME

dtsq_config − configuration file description for the DTSQ task

SYNOPSIS

$HOME/.dtsq_config
/<path>/<config_file>

DESCRIPTION

The *dtsq* task .....

More descriptions .....

CONFIGURATION PARAMETERS

The configuration file is a series of entries of the form

```
queue
        <param>                 <value>
        <param>                 <value>
          :                       :
```

The *queue* keyword begins a new entry, blank lines and those beginning with a '#' are treated as comments and ignored. There is no limit to the number of queues that may be defined in a config file.

The *dtsq_config* <param> values allowed are:

name The name of the queue to which we will submit the data.

host The host name (or IP number) of the machine hosting the named queue.

method The method of transferring the data to the remote DTS daemon. Valid options are *give* to indicate that the DTSQ application will open the server transport sockets, and *push* to indicate that the remote DTS daemon will open the server transport sockets.

nthreads The number of transport threads used to submit the data to the remote machine. In general, we expect good throughput to the remote machine so this number is usually low (e.g. 4 or less), more threads may be required for desired performance if the remote machine is connected over a slow or high-latency network.

serverPort
The XML-RPC server port to be used by DTSQ.

port or **loPort**
The lower transfer port.

hiPort The upper transfer port.

dir The DTSQ working directory.

EXAMPLES

Define an entry for a queue named 'test' on the machine 'dts.noao.edu'

```
queue
    name      test
    host      dts.noao.edu
    dir       default
    method    give
    port      2025
```

```
nthreads    4
```

In this entry, 4 transfer threads starting at port 2025 on the local machine will be used to submit the data. If the 'push' method had been used, ports 2025-2028 on the machine dts.noao.edu would be opened and the local machine will connect as a client. The default $HOME/.dtsq will be used as the DTSQ working directory.

REVISIONS

June 2012 - First public release

SEE ALSO

dtsd(1), dtscp(1), dtsh(1), dtsq(1), dtsmon(1), dtsstat(1)