NAME

ttdbserverd, rpc.ttdbserverd – RPC-based ToolTalk database server

SYNOPSIS

rpc.ttdbserverd [**-G**] [**-m** DTMOUNTPOINT_value] [**-n**] [**-v**] [**-?**]

DESCRIPTION

rpc.ttdbserverd manages ToolTalk objects created by **tt_spec_create**(3), and handles certain queries related to the netfiles returned by **tt_file_netfile**(3). One instance of **rpc.ttdbserverd** (normally started by **inetd**) runs on each host that has a local filesystem. **rpc.ttdbserverd** serves four purposes:

1. Mapping a spec to its associated file and a file to its associated specs.
2. Mapping a spec to its properties.
3. Mapping a file to a list of sessions with clients having patterns registered in the scope of that file.
4. Answering netfile queries; see **tt_file_netfile**(3) and **tt_host_file_netfile**(3).

For each filesystem that **rpc.ttdbserverd** needs to store information about, it creates a directory called TT_DB at the mountpoint of that file system. In that directory it creates the databases it needs to store its tables and indices. If the partition is not writable, then **rpc.ttdbserverd** can be told, via **partition_map**(4), to create the databases in another local partition. If **rpc.ttdbserverd** is not installed on a particular file server, ToolTalk can be told, via **hostname_map**(4), to manage that file server's partitions using the **rpc.ttdbserverd** on a different host.

OPTIONS

–G Perform garbage collection. This cleans up the TT_DB directories and the associated internal database files.

–m DTMOUNTPOINT_value
Sets the DTMOUNTPOINT environment variable for **rpc.ttdbserverd**. If there is already an environment variable called DTMOUNTPOINT, -m will override it.

–n Turn off permission checking. Normally the protection of the file passed to **tt_spec_create**(3) determines who may read and write that spec. This option disables this checking and allows anyone to read and write any spec. This option should be used with caution.

–v Print out the version number.

–? Prints out the command usage information.

ENVIRONMENT

DTMOUNTPOINT
If set, the value of this environment variable will be used in place of "/net" in pathnames constructed to answer **tt_host_netfile_file**(3) queries. This environment variable can also be set by using the -m flag for **rpc.ttdbserverd**.

TT_PARTITION_MAP
If $TT_PARTITION_MAP is set, it is used in place of /etc/tt/partition_map. See **partition_map**(4).

FILES

TT_DB/*
: spec and session database files are kept in the TT_DB directory under each disk partition mount point.

tt/hostname_map
: Host redirection map. See **hostname_map**(4).

/etc/tt/partition_map
: Partition redirection map. See **partition_map**(4).

SEE ALSO

ttsession(1) **tt_file_netfile**(3) **tt_host_file_netfile**(3) **tt_spec_create**(3) **hostname_map**(4) **partition_map**(4)