

NAME

sunrpc – Call and probe selected Sun RPC services.

DESCRIPTION

The **sunrpc** command allows to call and probe selected Sun RPC (RFC 1831, RFC 1832) services.

SUNRPC COMMAND**sunrpc info** *host*

The **sunrpc info** command returns a list of all registered Sun RPC services on *host*. Each list element contains the program number, the program version, the protocol name, the port number and the name of the RPC service. The command fails, if *host* is unknown or if the portmapper does not respond to our request.

sunrpc probe *host program version protocol*

The **sunrpc probe** command tests a Sun RPC service identified by *program version protocol* on *host* by calling procedure 0. This procedure returns a list of two elements. The first element is the time needed to complete the RPC call and the second element is a string which describes if the probe was successful.

sunrpc stat *host*

The **sunrpc stat** command makes an rstat RPC call to *host* and returns a list of name type value triples describing the status of the machine. This command fails if *host* is not reachable or does not support the rstat service.

sunrpc mount *host*

The **sunrpc mount** command retrieves a list of all NFS file systems currently mounted from *host*. Each element of this list includes the directory name and the host which exports the directory.

sunrpc exports *host*

The **sunrpc exports** command retrieves a list of all NFS file systems exported by *host*. Each element of this list contains the exported directory name and the list of hosts that are allowed to mount the exported directory. An empty host list means that an exported directory can be mounted by everyone.

sunrpc ether *host open***sunrpc ether** *host***sunrpc ether** *host close*

The **sunrpc ether** command allows to query an etherd daemon for ethernet statistics. You first have to register at the remote etherd using the **open** command option. Afterwards, you can query the etherd which will return a list of name type value triples describing the packets counted since the last query. You should unregister at the remote etherd using the **close** option once you are no longer interested in ethernet statistics.

sunrpc pcnfs *host info* [*array*]**sunrpc pcnfs** *host list* [*array*]**sunrpc pcnfs** *host queue printer* [*array*]**sunrpc pcnfs** *host status printer array*

The **sunrpc pcnfs** command allows to retrieve printer status information provided by the pcnfsd daemon. The first command retrieves the daemon identification. The optional *array* variable will be filled with details about the supported procedures. The second command returns the list of all printer names known by the pcnfsd daemon on *host*. The optional *array* is indexed by printer name and contains additional information about each printer. The queue subcommand retrieves the *printer* queue and returns the actual queue length. Information about queued print jobs is written to the *array* variable if given. The array is indexed by the queue position and contains information

about the print job in key value pairs. The last pcnfs command retrieves *printer* specific status information about the printer itself. The status is written into the *array* variable.

SEE ALSO

scotty(1), Tnm(n), Tcl(n)

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