



## How to use the t32rem tool?

2025-03-21 - Comments (0) - TRACE32 PowerView

t32rem is a command line tool designed to interact with a running TRACE32 PowerView instance from an external system shell. The tool uses the Remote API to send commands directly to TRACE32PowerView.

### Note

The Remote API needs to be enabled in TRACE32 PowerView with the command **SETUP.API.RCL.Enable**. Refer to the documentation of this command in the [PowerView Command Reference](#).

TRACE32 PowerView needs to be started with

The executables for t32rem can be found in the TRACE32 installation directory under bin/<os>. The source code of the tool is available under demo/api/capi/test/t32rem.c.

### Usage:

```
t32rem <host> [port=<n>] [protocol=NETASSIST | NETTCP] [timeout=<s>]
[wait=<ms>] <command>
```

### Parameters:

<host>	IP address or hostname of the machine running the receiving TRACE32
port=<n>	API port used by TRACE32 PowerView. This parameter is optional, if not specified, the default port 20000 will be used.
protocol= NETASSIST   NETTCP	Protocol used for the communication with TRACE32 . Default: NETASSIST
wait=<ms>	Wait up to the given milliseconds until all PRACTICE scripts on the receiving TRACE32 PowerView instance stop, after sending the command. This is useful in combination with a command starting a PRACTICE script like "RUN" or "Do". Without this option t32rem will not wait for scripts to end.
<command>	TRACE32 command .

### Examples:

```
t32rem localhost PRINT VERSION.SOFTWARE()
```

```
t32rem localhost port=20001 Do myscript.cmm
```

Refer for more information about controlling TRACE32 PowerView over the Remote API to [API for Remote Control and JTAG Access in C](#) and [Controlling TRACE32 via Python 3](#).