

## NTRemote Service

NTRemote is an installable service for Microsoft Windows NT 3.1 that provides the remote start function. Remote starting being the ability to issue a command line on one machine and have the application start on a second machine. Windows NT naturally allows you to run a program whose binary image resident on another machine, but the application is brought across the network and executed using your local CPU. Applications started using NTRemote are not brought across the network, but are instead executed on the remote machine's CPU. All I/O for the remote application is kept on the remote machine.

The *service machine* is defined as the machine whose CPU will be the one actually running the application. The *client machine* is defined as the machine from where the command was issued. A machine can be either (service or client) or both.

NTRemote consists of 3 executables:

- 1) NTRMTSVC.EXE - this is the main service. You do not run it directly, but instead install it as a service. NTRemote Service will appear in Control Panel \ Services as any other service does. It can be started, stopped, paused, and restarted using the Control Panel \ Services dialog. It is kept in the SYSTEM32 subdirectory of the service machine. Installing this service allows a machine to receive and execute commands.
- 2) RMTSETUP.EXE - this is run whenever you wish to install or uninstall NTRemote. It is stored anywhere on the service machine. Be sure to use Control Panel \ Services to stop NTRemote Service before using RMTSETUP to uninstall it.
- 3) NTREMOTE.EXE - sends command lines to the service machine. These command lines are sent by NTREMOTE.EXE to the service machine, received by the NTRemote Service on the service machine and executed. NTREMOTE.EXE resides anywhere in the executable path on any client machine that wishes to be able to start applications on a service machine.

If you want a machine to be able to receive and execute commands, you need to install the NTRemote service (NTRMTSVC) by following Part A of the instructions. If you want a machine to be able to send commands to another, you only need NTREMOTE.EXE on that machine (follow Part B). If you want a machine to be able to both send and receive commands, do both Parts A & B.

### Part A:

Installation of NTRemote on the service machine (\\FRED):

- 1) Copy NTRMTSVC.EXE into the WINNT\SYSTEM32 subdirectory on \\FRED.
- 2) At a command prompt on \\FRED, run RMTSETUP with the /i switch. ie:  
c:\rmtsetup /i

This will install NTRemote Service on \\FRED and start it immediately. Upon subsequent reboots of the system, NTRemote will continue to start automatically and be available, whether a user logs on or not.

Removal of NTRemote from the service machine:

1) At a command prompt on \\FRED, run RMTSETUP with the /u switch. Be sure to use Control Panel \ Services to stop NTRemote Service before using the /u switch.

Part B:

To execute an application from the local console (\\BARNEY) on a remote system: (\\FRED)

1) Copy NTREMOTE.EXE to any place on the executable path of \\BARNEY.  
2) At a command prompt on \\BARNEY run NTREMOTE with the service machine's name followed by the command to executed. ie:

```
c:\ntremote FRED "notepad readme.txt" (note FRED, not \\FRED)
```

This would cause notepad to start on \\FRED with readme.txt preloaded. Other more imaginative uses would be:

```
c:\ntremote FRED "mplay32 /play /close \\barney\wav\mywav.wav"
```

This would cause a .wav file on \\BARNEY to start, play, and close on \\FRED (provided, of course, that \\FRED had multimedia hardware.

NTRemote is shareware, not public domain nor freeware. Inexpensive software distributed via the shareware channel is made possible by honest people paying for what they use. If you wrote it, wouldn't you want to get paid for it? And it's easy to do... just fill out ORDER.TXT, print it, and mail it. Or if you find it easier, just submit a purchase order to your accounting department and let them do all the work. Registration is only \$20 per installation of NTRMTSVC or \$100 for a site license. You don't need to register usage of client machines, only service machines.

Comments and questions may be directed to KMTG59D on the Prodigy service, or write:

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