

Darwin Streaming Server 4 on Windows NT Server and Windows 2000 Server

Installing Darwin Streaming Server (Windows 2000/NT)

The Streaming Admin requires Perl 5 (or later) to be running on the server machine. You must install a Perl 5 interpreter in order to use the web-based administration software.

To install Darwin Streaming Server 4 software, follow these steps on the server computer:

When the Server package is unzipped, a folder with Darwin Streaming Server and associated files will be created. Inside this folder is an Install script, named "Install.bat". Double-click this file to install the server and its components on the server machine. The installer also starts up the Streaming Server Admin, so keep the command prompt window open.

The Install script will create the following directory:

c:\Program Files\Darwin Streaming Server\

Inside this directory you will find:

- DarwinStreamingServer.exe - Server executable
- PlaylistBroadcaster.exe - PlaylistBroadcaster executable
- qtpasswd.exe - Command-line utility for generating password files for access control
- streamingadminserver.pl - Admin Server that is used for administering the Streaming Server
- streamingserver.cfg - Default server configuration file
- streamingrelay.cfg - Default relay configuration file
- QTSSModules\ - Folder containing QTSS API modules
- Movies\ - Media folder
- Logs\ - Folder containing access and error logs
- AdminHtml\ - Folder containing the CGIs and the HTML files required by the Admin Server
- Documentation\ - Documentation folder

The Install script also installs Darwin Streaming Server as a service in the Service Manager. It is possible to start, stop, and check server status from the Service control panel.

Integration with the Service Manager

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Server Configuration File

The Darwin Streaming Server package comes with a default configuration file for Windows NT. The file system paths in this configuration file are in Windows NT format.

Because Windows NT path formats are different than on UNIX systems, a configuration file from a UNIX Darwin Streaming Server will not work on Windows NT.

Running the Server

The server may either be started through the service control panel or from the command-line. To start the server from the command line, open a DOS command prompt, cd into the Darwin Streaming Server folder, and type:

```
DarwinStreamingServer -d
```

In order to get a list of the command-line options for Darwin Streaming Server, type:

```
DarwinStreamingServer -v
```

Integration with the Streaming Admin Server

The admin server is installed in c:\Program Files\Darwin Streaming Server\ along with the streaming server. After all the files are installed, the admin server is launched from the command prompt. The admin server needs the command window open for it to run. Closing the command window will cause the admin server to quit.

Running the Admin Server

If the admin server is not running, to run it, type:

```
perl "c:\Program Files\Darwin Streaming Server\streamingadminserver.pl"
```

at the command prompt. The admin server does not automatically start up when your machine is rebooted. You must execute this command any time you reboot your machine.

The admin server does NOT launch the streaming server if it is not running. The server has to be started by following the instructions for Running the Server given above.

Admin Server requirements

The admin server is written in perl. It requires Perl 5 (or above) binary for WindowsNT/2000 (ActivePerl 5.6.1 is recommended). The path to the perl binary must be in the system path. If it's not, then replace "perl" above with the full path to the perl executable. For instance, if the perl binary is in c:\Program Files\Perl\perl.exe, type:

```
"c:\Program Files\Perl\perl.exe" "c:\Program Files\Darwin Streaming  
Server\streamingadminserver.pl"
```

to run the admin server.