

NAME

searchmonitor – SWISH++ search daemon monitor

SYNOPSIS

searchmonitor [*-c conf_file*] [*-s search_path*]

DESCRIPTION

searchmonitor is a process monitor for **search**(1) when it is running as a daemon. If the process exits because of a condition that restarting might cure, it will automatically be restarted.

searchmonitor is typically called from a system start script such as **searchd**(8) (for SysV-like systems) or `rc.local` (for BSD-like systems).

Restartable Conditions

The following conditions will cause a restart:

- A create, bind, or listen to a TCP or Unix domain socket fails.
- A select or an accept on a socket fails.
- Creating or detaching a thread fails.
- Initializing a thread mutex or condition fails.
- Any unaccounted-for exit status.

Restartable conditions are logged via **syslogd**(8) at the ERR level. There is a 5-second sleep before the process is restarted to prevent tight loops.

Unrestartable Conditions

The following conditions will *not* cause a restart:

- Error in configuration file.
- Error in command-line.
- Reading the index file fails.
- Writing the PID file fails.
- Deleting an old Unix domain socket file fails.
- Changing directory to / fails.
- The user or group the process is attempting to change its user and group ID to does not exist.
- The process received a USR2 signal in response to a manual shutdown request.

With the exception of USR2, unrestartable conditions are logged via **syslogd**(8) at the ALERT level.

OPTIONS

- c conf_file** The name of the configuration file, *f*, to use. If none is given, `swish++.conf` is tried both in the current directory and in `/etc`.
- s search_path** The full path to the location of **search**(1). (Default is wherever it was installed. The default for that is `/usr/local/bin/search`.)

FILES

<code>swish++.conf</code>	default configuration file
<code>/usr/local/bin/search</code>	Default location for search (1)

SEE ALSO

search(1), **swish++.conf**(4), **searchd**(8), **syslogd**(8)

AUTHOR

Paul J. Lucas <pauljlucas@mac.com>