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 typcially 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 whereever it was installed. The default for that is /usr/local/bin/search.)

FILES
   swish++.conf   default configuration file
   /usr/local/bin/search   Default location for **search**(1)

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

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