

NAME

stappaths – systemtap configurable file paths

DESCRIPTION

This manual page was generated on 2015-03-26 for systemtap 2.7. The following section will list the main paths in systemtap that are important to know and may be required to reference.

/usr/share/systemtap/tapset/

The directory for the standard probe-alias / function tapset library, unless overridden by the *SYSTEMTAP_TAPSET* environment variable or the *XDG_DATA_DIRS* environment variable. These are described in the *stapprobes*(3stap), *probe::*(3stap)*, and *function::*(3stap)* manual pages.

/usr/share/systemtap/runtime/

The runtime sources, unless overridden by the *SYSTEMTAP_RUNTIME* environment variable.

/usr/bin/staprun

The auxiliary program supervising module loading, interaction, and unloading.

/usr/libexec/systemtap/stapio

The auxiliary program for module input and output handling.

/usr/include/sys/sdt.h

Location of the <sys/sdt.h> headers.

Kernel debuginfo Path: /usr/lib/debug/lib/modules/\$(uname -r)/

The location of kernel debugging information when packaged into the *kernel-debuginfo* RPM, unless overridden by the *SYSTEMTAP_DEBUGINFO_PATH* environment variable. The default value for this variable is *+:.debug:/usr/lib/debug:build*. elfutils searches *vmlinux* in this path and it interprets the path as a base directory of which various subdirectories will be searched for finding debuginfo for the kernel, kernel modules, and user-space binaries. By default, systemtap will also look for *vmlinux* in these locations:

```
/boot/vmlinux-`uname -r`
/lib/modules/`uname -r`/vmlinux
/lib/modules/`uname -r`/vmlinux.debug
/lib/modules/`uname -r`/build/vmlinux
/lib/modules/`uname -r`/.debug/vmlinux.debug
/usr/lib/debug/lib/modules/`uname -r`/vmlinux.debug
/var/cache/abrt-di/usr/debug/lib/modules/`uname -r`/
/var/cache/abrt-di/usr/lib/debug/lib/modules/`uname -r`/vmlinux.debug
```

Corresponding source files are usually located under */usr/src/debug/*. Further file information on user-space applications can be determined per-basis using *rpm -ql <package>-debuginfo*. For supported user-space applications information please visit the systemtap wiki.

\$HOME/.systemtap

Systemtap data directory for cached systemtap files, unless overridden by the *SYSTEMTAP_DIR* environment variable.

/tmp/stapXXXXXX

Temporary directory for systemtap files, including translated C code and kernel object.

/lib/modules/VERSION/build

The location of kernel module building infrastructure.

/usr/share/doc/systemtap/examples*

Examples with greater detail can be found here. Each example comes with a .txt or .meta file explaining what the example, sample or demo does and how it is ordinarily run. See also <http://sourceware.org/systemtap/examples/>

\$SYSTEMTAP_DIR/ssl/server

User's server-side SSL certificate database. If SYSTEMTAP_DIR is not set, the default is \$HOME/.systemtap.

\$SYSTEMTAP_DIR/ssl/client

User's private client-side SSL certificate database. If SYSTEMTAP_DIR is not set, the default is \$HOME/.systemtap.

/etc/systemtap/ssl/client

Global client-side SSL certificate database.

/etc/systemtap/staprun/

staprun's trusted signer certificate database.

/etc/sysconfig/stap-server/

stap-server service global configuration file.

/etc/stap-server/conf.d/.conf*

stap-server service configuration files for default servers.

/var/run/stap-server/

stap-server service default location of status files for running servers.

/var/log/stap-server/log

stap-server service default log file.

FILES

/usr/share/systemtap/tapset

SEE ALSO

stapprobes(3stap),
staprun(8),
stapvars(3stap),
stapex(3stap),
stap-server(8),
awk(1),
gdb(1)

BUGS

Use the Bugzilla link of the project web page or our mailing list. <http://sourceware.org/systemtap/>, <systemtap@sourceware.org>.