
CONVEX System Exerciser (SX) V1.0

Release Notice



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CONVEX System Exerciser V1.0

This notice describes the V1.0 release of the CONVEX System Exerciser (SX). It is designed to supplement permanent documentation. This notice also lists fixes and workarounds that may save you time if you encounter a known problem. Always refer to this document before reporting problems; your questions may be answered here.

Prerequisites

The CONVEX System Exerciser has the following prerequisites:

- You should read this document before installing CONVEX System Exerciser V1.0 software.
- You must have at least 50 megabytes free in the partition in which SX is to be installed.
- You must have at least 50 megabytes free in the SXXECCDIR, default is \$SXHOME/exec before executing the Processor/Memory Subsystem suites.

Notes and cautions

Before you install the software, please be aware of the following:

- The default Disk Stress suite configuration creates 400 Megabyte files in the file systems under test. SX will clean up these file systems when tests complete or are aborted. If the file systems under test have less than 400 Megabyte of free space, the default Disk Stress suite will fail.
- To conserve disk space, when all testing is complete, restarting SX with the `-c` option is desired to clean up all log, failure and execution directories.
- Disk Stress and diskx only support file systems as units under test.

Installation

SX is available for in SD-UX format. To install SX, use the `swinstall` program with SX as the software selection key. Example: `swinstall -s <tape> SX`. By default, SX will be installed in `/tmp/SX`. If an alternate installation destination is desired, make a line from `/tmp/SX` to the desired destination.

General usage

If SX is installed in a directory other than /tmp, the SXHOME environment variable must be set to the installation directory.

Non-GUI interface

Use `sx -t` to obtain a list of available tests and suites. Use `sx -d` to obtain a list of recognized I/O devices. To execute a test or suite, use the general form:

```
sx -v -t <test-or-suite-key> [-d <device>,<device>..]
```

GUI interface

Verify that the DISPLAY environment variable is set appropriately. Execute `sx` without any command line parameters. The on-line help system, via the help menu item in each window, can be used as a guide to frequently used functions.

Bug information

This section lists problems, resolutions, and known restrictions in the use of CONVEX System Exerciser V1.0 software.

There are no known bugs in this release.

Fixed bugs

This is the first release of SX.

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