NAME

sysidconfig – execute system configuration applications, or define set of system configuration applications

SYNOPSIS

sysidconfig [–**b** *basedir*] [–**l**] [–**a** *application*] [–**r** *application*] [–**v**]

AVAILABILITY

SUNWadmap

DESCRIPTION

Invoked without any options, the **sysidconfig** program executes a list of applications. An application on this list is referred to as a "system configuration application." Every application on this list will be passed one command-line argument, –**c**. This flag will cause the system configuration application to perform its configuration function. Without options, **sysidconfig** should only be invoked by startup scripts, which occurs during the initial installation and during a reconfigure reboot.

All applications on the list will be executed, if possible. All activity taken by the **sysidconfig** program is logged in the **sysidconfig** log file, **/var/log/sysidconfig.log**. If one or more of the applications on the list are either not present at execution time, are not executable, or execute but return a failure code upon completion, then that information will be logged as well. Successful completion of the program can be assumed if no error message is present in the log file. Programs are executed sequentially, with only one configuration application active at a time.

Executed with the –**l**, –**a**, or –**r** options, the **sysidconfig** program allows the superuser to list the defined configuration applications, and to add items to or remove items from that list. Running **sysidconfig** with options is the only way to view or manipulate the list. Only the superuser can execute the **sysidconfig** program with options.

The –**b** and **-v** options change the behavior of **sysidconfig**, and can be used with or without the list manipulation options discussed above. The –**b** *basedir* option is used to specify a reference **root** directory other than the default, **/**. The –**v** option duplicates the log file output on **stdout**.

By default, no SPARC applications exist on this list. However, the x86 system is delivered with one application, **kdmconfig**(1M), on the list. **kdmconfig** is an x86-specific program that is not delivered on SPARC systems.

This application is an extension of the **sysidtool**(1M) suite of programs. It is executed during initial installation and during a reconfigure reboot, before the window system has been started. Graphical User Interface (GUI) applications will not execute successfully if they are added to the list of configuration applications via **sysidconfig** –**a**.

This program is referenced, but not fully described, in the **sysidtool**(1M) manual page.

OPTIONS

The valid options are:

–**b** *basedir* Specify an alternate base directory (**/** is defined as the default base directory if no other is specified). The specified directory is used as the **root** directory when adding, listing, removing, or executing configuration applications. The log file where information is recorded is in **/var/log**, relative to the specified *basedir*. In the log file, the *basedir* is not noted.

This means, for example, that if the superuser on a diskless client's server executes:

sysidconfig –**b /export/root/***client* –**a /sbin/***someapp*

then the diskless client *client* would have **/sbin/***someapp* executed upon reconfigure reboot. The diskless client's log file would note that **/sbin/***someapp* was added, not **/export/root/client/sbin/***someapp*.

–**l** List defined configuration applications. Applications will be executed one at a time, in the order shown in the list.

–**a** *application* Add the named application to the list of defined applications. When next invoked without arguments, **sysidconfig** will run this newly added application after all previously defined applications. *application* must be a fully qualified path name that is not currently on the list of applications to execute.

–**r** *application* Remove the named application from the list of defined applications. *application* must be a fully qualified path name and it must be on the existing list of applications to execute.

–**v** Verbose mode. This option echoes all information sent to the log file to **stdout**. Such information includes timestamp information about when the program was executed, the names of applications being executed, and results of those executions.

RETURN VALUES

The **sysidconfig** program will return **0** if it completes successfully.

When executed with the –**r** or –**a** options, error conditions or warnings will be reported on **stderr**. If the requested action completes successfully, an exit code of **0** will be returned.

ERRORS

EPERM The program was executed by a user other than the superuser.

EINVAL Option –**l**, –**a**, or –**r** was passed and the action could not be completed successfully.

FILES

/var/log/sysidconfig.log

SEE ALSO

sys-unconfig(1M), **sysidtool**(1M)

x86 Only

kdmconfig(1M)

DIAGNOSTICS

When run without options, a log of the **sysidconfig** program's activity can be found in **/var/log/sysidconfig.log**. This file contains a timestamp log of each program executed, its resulting **stderr** output, and its exit code. If an application in the list was not found or is not executable, that will also be noted.