NAME

bdconfig – configures the bd (buttons and dials) stream

SYNOPSIS

bdconfig [**startup**] [**off**] [**on**] [*term*] [**status**] [**verbose**]

AVAILABILITY

SUNWdialh

DESCRIPTION

bdconfig is responsible for configuring the autopush facility and defining to the system what serial device to use for the **bd** stream.

OPTIONS

If no options are given, then an interactive mode is assumed. In this mode the current status is presented along with this usage line, and a series of interactive questions asked to determine the user's desires.

Root privilege is required to change the configuration. The status option does not require root privilege. **bdconfig** can be installed as a setuid root program.

The non-interactive options below can be given in any order.

term Specify to the system the serial device for **bd** use. This option implies the **on** option unless the **off** option is present.

off Reconfigure the configured term for tty use.

on Reconfigure the configured term for **bd** use. If *term* has not been previously specified, interactive questions are asked to determine the user's desires.

startup Configure as was last configured before the system went down. This option is used by the startup script, and precludes the use of the **on**, **off**, and *term* options. This option implies non-interactive mode.

status Emit the current configuration in terms of the words used as options: **off**, **on**, **/dev/term/a**, **/dev/term/b**, and so forth. This option implies non interactive mode.

verbose **bdconfig** describes what it finds and what it is doing.

EXIT STATUS

bdconfig returns 0 on success, 1 on general error, and 2 on argument error.

SEE ALSO

autopush(1M), **x_buttontest**(6), **x_dialtest**(6), **bd**(7M), **sad**(7D), **streamio**(7I)

NOTES

All **bdconfig** does is configure the AUTOPUSH facility. **bdconfig** does not actually manipulate the serial port or stream in any way. Only the first open of a dismantled stream will see the effects of a previously run **bdconfig**.

bdconfig is silent except for error messages unless:

a) invoked with no args: status / usage line emitted
b) interactive modes are invoked as described above
c) the verbose option is used

BUGS

The interface does not support more than one dialbox and one buttonbox, both of which must be on the same serial device.

There should be a library routine to read, parse, and validate records in the iu.ap file, so that **bdconfig** could return to the appropriate record in iu.ap as the default configuration.