NAME

ckint, errint, helpint, valint – display a prompt; verify and return an integer value

SYNOPSIS

ckint [−**Q**] [−**W** *width*] [−**b** *base*] [−**d** *default*] [−**h** *help*] [−**e** *error*] [−**p** *prompt*] [−**k** *pid* [−**s** *signal*]]

/usr/sadm/bin/errint [−**W** *width*] [−**b** *base*] [−**e** *error*]
/usr/sadm/bin/helpint [−**W** *width*] [−**b** *base*] [−**h** *help*]
/usr/sadm/bin/valint [−**b** *base*] *input*

AVAILABILITY

SUNWcsu

DESCRIPTION

ckint prompts a user, then validates the response. It defines, among other things, a prompt message whose response should be an integer, text for help and error messages, and a default value (which will be returned if the user responds with a carriage return).

All messages are limited in length to 70 characters and are formatted automatically. Any white space used in the definition (including newline) is stripped. The −**W** option cancels the automatic formatting. When a tilde is placed at the beginning or end of a message definition, the default text will be inserted at that point, allowing both custom text and the default text to be displayed.

If the prompt, help or error message is not defined, the default message (as defined under **NOTES**) will be displayed.

Three visual tool modules are linked to the **ckint** command. They are **errint** (which formats and displays an error message), **helpint** (which formats and displays a help message), and **valint** (which validates a response). These modules should be used in conjunction with FML objects. In this instance, the FML object defines the prompt. When *base* is defined in the **errint** and **helpint** modules, the messages will include the expected base of the input.

OPTIONS

−**Q**	Specifies that quit will not be allowed as a valid response.
−**W** *width*	Specifies that prompt, help and error messages will be formatted to a line length of *width*.
−**b** *base*	Defines the base for input. Must be **2** to **36**, default is **10**.
−**d** *default*	Defines the default value as *default*. The default is not validated and so does not have to meet any criteria.
−**h** *help*	Defines the help messages as *help*.
−**e** *error*	Defines the error message as *error*.
−**p** *prompt*	Defines the prompt message as *prompt*.
−**k** *pid*	Specifies that process ID *pid* is to be sent a signal if the user chooses to abort.

–**s** *signal*	Specifies that the process ID *pid* defined with the –**k** option is to be sent signal **signal** when quit is chosen. If no signal is specified, **SIGTERM** is used.
input	Input to be verified against *base* criterion.

EXIT CODES

0	Successful execution
1	EOF on input, or negative width on –**W** option, or usage error
3	User termination (quit)

NOTES

The default base 10 prompt for **ckint** is:

Enter an integer [?,q]:

The default base 10 error message is:

ERROR - Please enter an integer.

The default base 10 help message is:

Please enter an integer.

The messages are changed from ''integer'' to ''base *base* integer'' if the base is set to a number other than 10.

When the quit option is chosen (and allowed), **q** is returned along with the return code **3**. The **valint** module will not produce any output. It returns **0** for success and non-zero for failure.