



Linux Ubuntu 26.04 Manual Pages on command 'rbash.1'

\$ man rbash.1

RBASH(1) General Commands Manual RBASH(1)

NAME

rbash - restricted bash, see bash(1)

RESTRICTED SHELL

If `bash` is started with the name `rbash`, or the `-r` option is supplied at invocation, the shell becomes restricted. A restricted shell is used to set up an environment more controlled than the standard shell. It behaves identically to `bash` with the exception that the following are disallowed or not performed:

- ? Changing directories with `cd`.
- ? Setting or unsetting the values of `SHELL`, `PATH`, `HISTFILE`, `ENV`, or `BASH_ENV`.
- ? Specifying command names containing `/`.
- ? Specifying a filename containing a `/` as an argument to the `.` builtin command.
- ? Using the `-p` option to the `.` builtin command to specify a search path.
- ? Specifying a filename containing a slash as an argument to the history builtin command.
- ? Specifying a filename containing a slash as an argument to the `-p` option to the `hash` builtin command.
- ? Importing function definitions from the shell environment at startup.
- ? Parsing the values of `BASHOPTS` and `SHELLOPTS` from the shell environment at startup.
- ? Redirecting output using the `>`, `>|`, `<>`, `>&`, `&>`, and `>>` redirection operators.
- ? Using the `exec` builtin command to replace the shell with another command.
- ? Adding or deleting builtin commands with the `-f` and `-d` options to the `enable` builtin command.

- ? Using the enable builtin command to enable disabled shell builtins.
- ? Specifying the -p option to the command builtin command.
- ? Turning off restricted mode with set +r or shopt -u restricted_shell.

These restrictions are enforced after any startup files are read.

When a command that is found to be a shell script is executed, rbash turns off any restrictions in the shell spawned to execute the script.

SEE ALSO

bash(1)

Bash-5.2

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