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The shopt builtin command

The `shopt` builtin manages shell options, a set of boolean (`on` / `off`) configuration variables that control the behaviour of the shell.

Synopsis

```
shopt [-pqsu] [-o] <OPTNAME...>
```

Description

Note: Some of these options and other shell options can also be set with the set builtin.

Options

Option	Description
-o	Restrict the values of `<OPTNAME…>` to only those also known by the set builtin
-p	Print all shell options and their current value. **Default**.
-q	Quiet mode. Set exit code if named option is set. For multiple options: `TRUE` if all options are set, `FALSE` otherwise
-s	Enable (s̲et) the shell options named by `<OPTNAME…>` or list all *enabled* options if no names are given
-u	Disabe (u̲nset) the shell options named by `<OPTNAME…>` or list all *disabled* options if no names are given

As noted above, if only `-s` or `-u` are given without any option names, only the currently enabled (`-s`) or disabled (`-u`) options are printed.

Exit code

When listing options, the exit code is `TRUE` (0), if all options are enabled, `FALSE` otherwise.

When setting/unsetting an option, the exit code is `TRUE` unless the named option doesn't exitst.

Examples

Enable the `nullglob` option:

```
shopt -s nullglob
```

Portability considerations

The `shopt` command is not portable accross different shells.

See also

- Internal: The set builtin command
- Internal: List of shell options

🗩 Discussion

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