

NAME

captree – display tree of process capabilities

SYNOPSIS

captree [OPTIONS] [(*pid*|*glob-name*) ...]

DESCRIPTION

captree displays the capabilities on the mentioned processes indicated by *pid* or *glob-name* value(s) given on the command line. If no *pid* etc values are supplied, *pid*=1 is implied. A *pid* value of 0 displays all the processes known to the kernel.

The POSIX.1e capabilities are displayed in double quotes in the **cap_from_text**(3) format. The IAB tuple of capabilities is displayed between square brackets in the text format described in **cap_iab**(3). Both of these text formats are described in **cap_text_formats**(7). Note, the IAB tuple text is omitted if it contains empty A and B components. This is because the regular POSIX.1e text contains information about the Inheritable flag already. This behavior can be overridden with the **--verbose** command line argument.

Optional arguments (which must precede the list of *pid*|*glob-name* values):

--help Displays usage information and exits. Note, modern Go runtimes exit with status 0 in this case, but older runtimes exit with status 2.

--verbose

Displays capability sets and IAB tuples even when they are empty, or redundant.

--depth=*n*

Displays the process tree to a depth of *n*. Note, the default value for this parameter is 0, which implies infinite depth.

--colo[u]r=*false*

Colo[u]rs the targeted PIDs, if stdout is a TTY, in red. This option defaults to true when running via a TTY. The **--color=*false*** argument will suppress this color. Piping the output into some other program will also suppress the use of colo[u]r.

EXIT STATUS

If the supplied target cannot be found the exit status is 1. Should an unrecognized option be provided, the exit status is 2. Otherwise, **captree** exits with status 0.

REPORTING BUGS

Please report bugs via:

https://bugzilla.kernel.org/buglist.cgi?component=libcap&list_id=1090757

SEE ALSO

cap_from_text(3), **cap_text_formats**(7), **capabilities**(7), and **cap_iab**(3).

There is a longer article about **captree**, which includes some examples, here:

<https://sites.google.com/site/fullycapable/captree>

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