NAME

winsysck – check which window system protocols are available

SYNOPSIS

winsysck [–**va**] [–**display** *displaystring*] *protocol* [. . .]

DESCRIPTION

The **winsysck** command determines if the specified window system *protocol* is available to the user. By default, the **winsysck** command exits as soon as the first available *protocol* is found, although this behaviour can be modified by the **-a** option (see below).

OPTIONS

The following options can be used to modify the behaviour of the **winsysck** command.

–**a** Continue to check the availability of the specified *protocol*s even after determining that one or more previously specified *protocol*s are available. This is not particularly useful without the –**v** option (see below).

–**v** Print the name of the first available *protocol* on the standard output. When combined with the –**a** option (see above), print the name of all available *protocol*s on the standard output, separated by newlines.

–**display** *displaystring*
Use the display *displaystring* when trying to determine if the **x11** *protocol* is available.

KNOWN PROTOCOLS

The following are known values for *protocol*.

x11 Determines if a connection can be made using the X11 Window System protocol.

news Determines if a connection can be made using the Network-extensible Window System protocol.

x11news
Determines if connections can be made to an X11/NeWS server. In addition to being able to establish connections using both the X11 Window System and Network-extensible Window System protocols, this requires that these two connections actually interact with the same window server.

sunview
Determines if connections can be made using the SunView Window System protocol.

EXAMPLES

Determine if an X11 Window System connection can be made:

example% if winsysck x11 ; then ...

Determine if an X11 Window System connection can be made to the display "displayhost:0.0":

example% if winsysck -display displayhost:0.0 x11 ; then ...

Print the known protocols which are available:

example% winsysck -v -a x11 news x11news sunview

Print which window system should be used, given the preference for NeWS over SunView, and X11/NeWS over NeWS:

example% winsysck -v x11news news sunview

SEE ALSO

Xsun(1)

LIMITATIONS

There is no way to determine whether a SunView connection is actually connected to an X11/NeWS server with SunView compatability enabled or to a SunView server.

BUGS

None known.

DIAGNOSTICS

Exit status is 0 if any *protocol*s are available, 1 if none are available, 2 for usage errors.