NAME

fs – X font server

SYNOPSIS

fs [**–config** *configuration_file*] [**–ls** *listen-socket*] [**–port** *tcp_port*]

AVAILABILITY

SUNWxwfs

DESCRIPTION

fs is the X Window System font server. It supplies fonts to X Window System display servers.

fs can be started manually or automatically whenever a client application requests its service at port 7100. Automatic starting can be enabled or disabled through the **fsadmin**(1) command.

OPTIONS

–config *configuration_file*
: Specifies the configuration file the font server will use. The default configuration file is **/usr/openwin/lib/X11/fontserver.cfg**

–ls *listen-socket*
: Specifies a file descriptor which is already set up to be used as the listen socket. This option is only intended to be used by the font server itself when automatically spawning another copy of itself to handle additional connections.

–port *tcp_port*
: Specifies the TCP port number on which the server will listen for connections.

SIGNALS

SIGTERM
: This causes the font server to exit cleanly.

SIGUSR1
: This signal is used to cause the server to re-read its configuration file.

SIGUSR2
: This signal is used to cause the server to flush any cached data it may have.

SIGHUP
: This signal is used to cause the server to reset, closing all active connections and re-reading the configuration file.

CONFIGURATION

The configuration language is a list of keyword and value pairs. Each keyword is followed by an '=' and then the desired value.

Recognized keywords include:

catalogue (list of string)
: Ordered list of font path element names. Use of the keyword "catalogue" is very misleading at present, the current implementation only supports a single catalogue ("all"), containing all of the specified fonts.

alternate-servers (list of string)
: List of alternate servers for this font server.

client-limit (cardinal)
: Number of clients this font server will support before refusing service. This is

useful for tuning the load on each individual font server.

clone-self (boolean)
: Whether this font server should attempt to clone itself when it reachs the client-limit.

default-point-size (cardinal)
: The default pointsize (in decipoints) for fonts that don't specify.

default-resolutions (list of resolutions)
: Resolutions the server supports by default. This information may be used as a hint for pre-rendering, and substituted for scaled fonts which do not specify a resolution.

error-file (string)
: Filename of the error file. All warnings and errors will be logged here.

port (cardinal)
: TCP port on which the server will listen for connections.

use-syslog (boolean)
: Whether **syslog**(3) (on supported systems) is to be used for errors.

EXAMPLE

```
#
# sample font server configuration file
#

# allow a max of 10 clients to connect to this font server
client-limit = 10

# when a font server reaches its limit, start up a new one
clone-self = on

# alternate font servers for clients to use
alternate-servers = hansen:7001,hansen:7002

# where to look for fonts
# the first is a set of Speedo outlines, the second is a set of
# misc bitmaps and the last is a set of 100dpi bitmaps
#
catalogue = /usr/openwin/lib/X11/fonts/Type1,
        /usr/openwin/lib/X11/fonts/Speedo,
        /usr/openwin/lib/X11/fonts/misc,
        /usr/openwin/lib/X11/fonts/75dpi,
        /usr/openwin/lib/X11/fonts/100dpi,
        /usr/openwin/lib/X11/fonts/Xt+

# in 12 points, decipoints
default-point-size = 120
```

100 x 100 and 75 x 75
default-resolutions = 100,100,75,75

FONT SERVER NAMES

One of the following forms can be used to name a font server that accepts TCP connections:

tcp/*hostname*:*port*
tcp/*hostname*:*port*/*cataloguelist*

The *hostname* specifies the name (or decimal numeric address) of the machine on which the font server is running. The *port* is the decimal TCP port on which the font server is listening for connections. The *cataloguelist* specifies a list of catalogue names, with '+' as a separator.

Examples: *tcp/expo.lcs.mit.edu:7000* , *tcp/18.30.0.212:7001/all*

One of the following forms can be used to name a font server that accepts DECnet connections:

decnet/*nodename*::font$*objname*
decnet/*nodename*::font$*objname*/*cataloguelist*

The *nodename* specifies the name (or decimal numeric address) of the machine on which the font server is running. The *objname* is a normal, case-insensitive DECnet object name. The *cataloguelist* specifies a list of catalogue names, with '+' as a separator.

Examples: *DECnet/SRVNOD::FONT$DEFAULT* , *decnet/44.70::font$special/symbols*

SEE ALSO

fsadmin(1), **fsinfo**(1), **fslsfonts**(1), **fstobdf**(1), **showfont**(1), **X11**(7), *Font server implementation overview*

BUGS

Multiple catalogues should be supported.

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