NAME

fncreate_printer – create new printers in the FNS namespace

SYNOPSIS

fncreate_printer [**–sv**] *compositename printername printeraddr* [*printeraddr* ...]

fncreate_printer [**–sv**] [**–f** *filename*] *compositename*

DESCRIPTION

fncreate_printer creates a new printer for an *organization*, *user*, *host*, or *site* object. *compositename* is the FNS name of the object. **fncreate_printer** uses *printername* to name the new printer and binds it to an FNS reference constructed from the set of *printeraddr*s. **fncreate_printer** may also be used to add new *printeraddr*s for an existing *printername*.

The command supports creating a set of printers as listed in the file *filename*.

The new printer is created with the FNS name <*compositename*>**/service/printer/**<*printername*>. If the intermediate service or printer names do not exist, their FNS contexts are also created by this command. Normally, these intermediate contexts would be created by an administrative script that uses **fncreate**(1M), and is run at the time a new FNS organization is set up. The reference bound to the FNS printer name is of type **onc_printers** and is constructed from the set of *printeraddr*s. A *printeraddr* is of the form <*addresstype*>=<*address*>. See the examples below for currently supported address types and address strings.

An FNS printer name is accepted as a valid printer name by **lp**(1), **lpstat**(1), **cancel**(1), **lpmove**(1M), **lpr**(1B), **lpq**(1B), and **lprm**(1B).

The *printername* argument may be a slash-separated name. In this case, prior to creating the printer denoted by the ''leaf'' name, this command will create printer(s) for the intermediate node(s) if they do not already exist. See examples below.

fncreate_printer creates NIS+ entries in the NIS+ hierarchy for FNS. See **fns**(5) for more information on the necessary NIS+ credentials and the use of the environment variable **NIS_GROUP** when using **fncreate** and other FNS commands.

OPTIONS

–s The new *address* supersedes an existing address with the same *addresstype*, if any, for <*compositename*>**/service/printer/**<*printername*>. If this option is omitted, it appends the *printeraddr* to an existing reference, or creates a new reference using *printeraddr* for the printer.

–v Displays information about individual printers as they are created.

–f *filename* Use *filename* to obtain a list of printers to be created. If this option is omitted, **/etc/printers.conf** is used as the input file.

OPERANDS

filename The file that contains a list of printers to be created. This file uses the same format as **/etc/printers.conf**.

printername The name of the new printer created.

printeraddr An address to be associated with the printer name.

compositename The FNS name for the **org**, **host**, **user**, or **site** object for which the new printers are created.

EXAMPLES

The following examples illustrate creating a set of printers under an organization, a printer for a user, and a printer associated with a hierarchical printer name for a site, respectively.

Example 1 Create printers for an organization:

```
example% fncreate_printer org/marketing
```

This causes the creation of a printer for every entry listed in the **/etc/printers.conf** file on the system where the command is executed. The printers thus created are bound under the organization's printer context, **org/marketing/service/printer**.

Example 2 Create a printer named **ps** for user **jsmith** and associate it with the **killtree** printer served by the print server **paperwaster**:

```
example% fncreate_printer -s usr/jsmith ps \
                bsdaddr=paperwaster,killtree
```

This causes **jsmith**'s **ps** printer to be associated with the **killtree** printer on the server **paperwaster**, overwriting the existing address, if any, of type **bsdaddr**.

Example 3 Create a printer with the hierarchical name **color/fast** under a site:

```
example% fncreate_printer site/bldg14/northwing color/fast \
                bsdaddr=paperwaster,laser
```

This causes the printer named **site/bldg14/northwing/service/printer/color/fast** to be associated with the **laser** printer on server **paperwaster**. If the intermediate printer name **site/bldg14/northwing/service/printer/color** does not exist, it will also be created and associated with the same printer. If the printer name **site/bldg14/northwing/service/printer/color/fast** already exists and has an address of type **bsdaddr** associated with it, this command will fail.

EXIT STATUS

This command returns **0** on sucess and **1** if it is not successful.

SEE ALSO

cancel(1), **lp**(1), **lpr**(1B), **lprm**(1B), **lpq**(1B), **lpstat**(1), **fncreate**(1M), **lpmove**(1M), **fns**(5)