

NAME

`gcat` — send phototypesetter output to the HONEYWELL 6000

SYNOPSIS

`gcat` [option ...] [filename ...]

DESCRIPTION

`Gcat` arranges to have `troff(1)` output sent to the phototypesetter or debugging devices (STARE or line printer) attached to the HONEYWELL system. GCOS identification must appear in the UNIX password file (see `passwd(5)`). If no filename appears, the standard input is sent; thus `gcat` may be used as an output pipe for `troff(1)`.

On many systems `gcat` is implemented as a shell file using `uux(1)`. In this case the user must supply the normally optional `-i` option and the `-m` option will have no effect, though the user will receive remote mail when `gcat` is executed on the remote system.

The option `-g` (for GCOS) must be used with the `troff(1)` command to make things work properly. This command string sends output to the GCOS phototypesetter:

```
troff -g file | gcat
```

The following options, each as a separate argument, and in any combination (multiple outputs are permitted), may be given after `gcat`:

- `-ph` Send output to the phototypesetter.
- `-st` Send output to STARE for fast turn-around.
- `-tx` Send output as text to the line printer (useful for checking spelling, hyphenation, pagination, etc.).
- `-du` Send output to the line printer, dummied up to make the format correct. Because many characters are dropped, the output is unreadable, but useful for seeing the shape (margins, etc.) of the document.
- `-sn` Submit job to GCOS with service grade n ($n=1, 2, 3$). Default is `-s1`.
- `-i` Supply the GCOS "ident card" image as the parameter `-iMxxxx,Myyy` where `Mxxxx` is the GCOS job number and `Myyy` the GCOS bin number.
- `-c` Make a copy of the file to be sent before returning to the user.
- `-r` Remove the file after sending it.
- `-m` When transmission is complete, report by `mail(1)` the so-called `snumb` of the receiving GCOS job. The mail is sent by the UNIX daemon; there is no guarantee that the GCOS job ran successfully. This is the default option.
- `-n` Do not report the completion of transmission by `mail(1)`.
- `-f` Use the next argument as a dummy file name to report back in the mail. (This is useful for distinguishing multiple runs, especially when `gcat` is being used as a filter).
- `-o` Print the on-line GCOS accounting output.
- `-t` Toss out the on-line GCOS accounting output. This is the default option.

If none of the output options are specified, phototypesetter output (`-ph`) is assumed by default.

EXAMPLE

The command:

```
troff -g myfile | gcat -st -im1234,m567,myname -f myfile
```

will send the output of `troff(1)` to STARE, with the GCOS "ident card" specifying "M1234,M567,MYNAME", and will report back that `myfile` has been sent.

FILES

<code>/usr/spool/dpd/*</code>	spool area.
<code>/etc/passwd</code>	user's identification and accounting data.
<code>/usr/lib/dpd</code>	daemon.

SEE ALSO
uucp(1C), uux(1C)