NAME
faxsend – *HylaFAX* facsimile transmit program

SYNOPSIS
/usr/local/sbin/faxsend [**−l**] [**−p**] [**−c** *config*] **−m** *device-ID qfile [qfile [qfile [...]]]*

DESCRIPTION
faxsend is the program that implements the facsimile transmission protocol for the *HylaFAX* system. *faxsend* is invoked by the *faxq* scheduler process for each facsimile transmit attempt. *faxsend* assumes that its current working directory is the top of the spooling hierarchy, that a suitable modem device has been allocated for its use, and that all documents to be sent are already converted to TIFF/F (TIFF Class F) at the appropriate resolution and with an appropriate data encoding. In normal use *faxsend* will inherit a lockfile for the modem from the *faxq* process. The format of the job description file specified on the command line is described in *sendq*(5F).

faxsend initializes the modem before attempting to transmit the facsimile using the information in the appropriate modem configuration file. If the modem does not respond to this initialization, *faxsend* will repeatedly try to initialize the modem. This behaviour is required for send-only environments in which a *faxgetty*(8C) process is not run (and the modem would be known to be in a properly initialized state). *faxsend* catches SIGINT and SIGTERM and cleans up any resources it controls; this is the mechanism used by *faxq* to abort a job while it is in progress.

Multiple fax jobs of documents with varying formatting may be sent in one fax call by "batching" them by supplying faxsend with multiple *qfile* entries.

Many aspects of *faxsend* operation are controlled through a configuration file. The configuration file is located in the spooler hierarchy in the **etc** subdirectory and is named **config.***device-ID***;** consult *hylafax-config*(5F) for detailed information on the contents of configuration files.

OPTIONS
The following options are recognized:

−c *config*   Treat *config* as a configuration parameter specification that is interpreted after reading the per-device configuration file. For example, "-c sessiontracing:0x4f" would set the **SessionTracing** configuration parameter to "0x4f", overriding any setting in the configuration file.

−m *devID*   The device to use in processing the job. Note that this is a *device identifier* and not the pathname of the tty special file. A device identifier is formed from a device filename by removing any leading "/dev/" and converting any "/" characters to "_" characters.

−l   Do the UUCP lockfile protocol in *faxsend*. By default *faxsend* assumes that it is invoked with the device already locked and that it does not need to manage the lockfile.

−p   Do not change the process priority when transmitting. Normally *faxsend* will raise its priority to reduce i/o latency. This option is useful for debugging.

NOTES
faxsend returns the new job status to *faxq* through the *returned* value in the associated qfile: *send_retry,* retry job; *send_failed,* job finished without success, *send_done,* job completed successfully, *send_reformat,* job should be retried after documents are reformatted.

FILES
/var/spool/hylafax/etc/config.devID device-specific configuration file

Consult *hylafax-server*(5F) for a complete discussion of the structure and content of the spooling area.

SEE ALSO
faxq(8C), *hylafax-server*(5F), *hylafax-config*(5F)