

**NAME**

*faxq* – *HylaFAX* queue manager process

**SYNOPSIS**

`/usr/local/sbin/faxq [ -D ] [ -q queue-dir ]`

**DESCRIPTION**

*faxq* is the central queueing agent for *HylaFAX*. One (and only one) *faxq* process is normally running at all times. *faxq* is responsible for scheduling, preparing, and initiating outbound facsimile jobs (and potentially other types of jobs as well).

*faxq* may be run by itself to provide outbound-only services or it may be run together with one or more *faxgetty*(8C) processes, in which case inbound services (e.g. receiving facsimile) are provided. When *faxq* is run by itself the set of available modems must be specified using the *faxmodem*(8C) command. Each modem specified in this way is assumed to exist and to be capable of use as a facsimile modem. When *faxq* is run in conjunction with *faxgetty* processes, it is not necessary to use *faxmodem* to specify modems; instead the programs communicate information about the status and capabilities of each modem. The latter setup provides a more robust and powerful system and is the intended way for the software to operate.

*faxq* receives notification of outbound jobs to process from the *hfaxd*(8C) process that implements the server-side of the *HylaFAX* client-server protocol. Notification is through messages sent to a FIFO special file that *faxq* listens to. This file is also used by other administrative programs such as *faxquit*(8C).

Many aspects of *faxq* operation may be controlled through a configuration file. This file is located in the spooler hierarchy in the **etc** subdirectory and is named **config** (as opposed to the per-modem configuration files named **config.devid**); consult *hylafax-config*(5F) for detailed information on this configuration file. Note that *faxq* automatically re-reads its configuration file if it has been changed. It is also possible to dynamically change configuration parameters in a running process with the *faxconfig*(8C) program. Beware however that parameters changed in this way will be reset to the values specified in the configuration file if the file is re-read.

**OPTIONS**

- q *dir***      The specified directory is treated as the spooling area. The default spooling area, */var/spool/hylafax*, is defined at the time the software is built.
- D**            This option forces *faxq* to remain attached to the controlling tty from which it was invoked. In normal operation *faxq* will *fork*(2) and disassociate itself from the controlling tty. This option is useful for debugging.

**FILES**

*/var/spool/hylafax/FIFO*      FIFO special file for submitting commands  
*/var/spool/hylafax/etc/config*    configuration file

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

**SEE ALSO**

*faxabort*(8C), *faxconfig*(8C), *faxmodem*(8C), *faxquit*(8C), *faxstate*(8C), *getty*(8C), *hylafax-server*(5F), *hylafax-config*(5F).