NAME

doneq/q* − *HylaFAX* outbound job description

DESCRIPTION

Files in the **doneq** directory specify transmission job requests. These files are created by *hfaxd*(8C), when submitting a job on behalf of *sendfax*(1) or *sendpage*(1). Job description files also reside in the **sendq** directory; they are moved from there to the doneq directory by *faxq*(8C) when a job completes.

Job description files are ASCII files with lines of the form

  tag: *value*

where a *tag* is one of the identifiers described below and a *value* is either a string or number. Values start at the first non-blank character after the ":" and continue to the end of the line. Lines that end with a backslash character "\" are continued to the next line. Numeric values are decimal integers, except for **chophreshold** which is expressed as a floating point value.

The following table lists the possible tags and the required type of the associated value.

Tag	Type	Description
chopthreshold	float	page chopping threshold (inches)
commid	string	communication identifier for last call
company	string	receiver's company
client	string	host that submitted the job
cover	string	continuation coverpage file
data	string	unprocessed document of indeterminate type
!data	string	processed document of indeterminate type
dataformat	string	data format used to transmit a facsimile
desiredbr	integer	desired transmit speed
desireddf	integer	desired page data format
desiredec	integer	desired use of Error Correction Mode (ECM)
desiredst	integer	desired minimum scanline time
desiredtl	integer	whether or not to use **tagline** parameter
doneop	string	operation to perform when job is reaped
external	string	external form of dialstring
fax	string	document ready for transmission
groupid	integer	*HylaFAX* job group identifier
jobid	integer	*HylaFAX* job identifier
jobtag	string	user-specified job identifier
jobtype	string	job type identification string
killtime	integer	time to give up trying to send job
location	string	receiver's location
mailaddr	string	email address of sender
maxdials	integer	max number of times to dial
maxtries	integer	max number of attempts to send job
minsp	integer	minimum required transmit speed
modem	string	outgoing modem to use
ndials	integer	number of consecutive failed attempts to place call
notify	string	email notification specification
npages	integer	number of pages transmitted
ntries	integer	number of attempts to send current page
number	string	dialstring to use in placing call
owner	string	user that owns the job
page	string	PIN in a page operation
pagechop	string	whitespace truncation handling
pagehandling	string	page analysis information
pagelength	integer	facsimile page length (millimeters)
pagewidth	integer	facsimile page width (millimeters)

passwd	string	info to send in HDLC PWD frame
pcl	string	unprocessed PCL document
!pcl	string	processed PCL document
poll	string	polling request
postscript	string	unprocessed POSTSCRIPT document
!postscript	string	processed POSTSCRIPT document
priority	integer	user-specified scheduling priority
receiver	string	receiver's identity
resolution	integer	vertical resolution of facsimile
retrytime	integer	time to use between job retries
returned	integer	indicates status return value for the job
schedpri	integer	current scheduling priority
sender	string	identity of sender
signalrate	string	signalling rate at which a facsimile was sent
state	integer	job scheduling state
status	string	job status
subaddr	string	info to send in HDLC SUB frame
tagline	string	tagline format string
tiff	string	unprocessed TIFF/F document
!tiff	string	processed TIFF/F document
totdials	integer	total number of phone calls
totpages	integer	total pages to transmit
tottries	integer	total number of attempts to send job
tts	integer	time to send job
useccover	integer	whether or not to use a continuation cover page
usexvres	integer	whether or not to use highest vertical resolution

PARAMETERS

Note that all files must be owned by the fax user. Pathnames for document files must be relative to the top of the *HylaFAX* spooling directory and not include "..".

chopthreshold The minimum trailing whitespace (in inches) that must appear on a page for it to be considered for "page chopping". If this parameter is not specified then the value specified by the **PageChopThreshold** configuration parameter is used; see *hylafax-config*(5F).

commid The communication identifier for the last outbound call placed for this job. This string is of the form "XXXXXXXX" where XXXXXXXX is a decimal sequence number in the range 1-99999999.

client The fully qualified hostname for the machine from which the job was submitted. If the hostname is unknown at the time the job is submitted, then the host address in Internet standard "." (dot) notation is supplied instead.

company The receiver's company name as specified with the **−x** option to *sendfax*(1). This value is used only when creating continuation cover pages.

cover The pathname of a *continuation cover page* to send. The file must be TIFF/F (i.e. it must already be prepared for transmission). This document will be transmitted before any other documents listed in the file. See **ContCoverPage** and **ContCoverCmd** in *hylafax-config*(5F).

data The pathname of a document to send. Once a document has been processed, it is marked as **!data** so that subsequent retries do not reprocess the document.

dataformat The format used to transmit facsimile data. This item is recorded by *faxsend*(8C) so that *notify*(8C) can return it in a notification message.

desiredbr The desired signalling rate to use for page data transmissions: 0 for 2400 bps, 1 for 4800 bps, 2 for 7200 bps, 3 for 9600 bps, 4 for 12000 bps, and 5 for 14400 bps (default).

desireddf   The desired data format to use for page data transmissions: 0 for 1-D MH, 1 for 2-D MR, 3 for 2-D MR with uncompressed data, and 4 for 2-D MMR (default).

desiredec   Which type of Error Correction Mode (ECM) to use: 0 to disable, 1 for 64-byte ECM, or 2 for 256-byte ECM (default).

desiredst   The desired minimum scanline time to use for page data transmissions: 0 for 0 ms (default), 1 for 5 ms, 2 for 10ms/5ms, 3 for 10ms, 4 for 20ms/10ms, 5 for 20ms, 6 for 40ms/20ms, and 7 for 40ms. This value is used in selecting the negotiated session parameters.

desiredtl   Whether or not to use the format string specified by the **tagline** job parameter when imaging taglines on document pages. If this value is non-zero then per-job format string is used; otherwise the tagline format string specified in the server configuration file is used; see **TagLineFormat** in *hylafax-config*(5F).

doneop   The treatment the job should be given when it is processed by the *faxqclean*(8C) job cleaner program. The may be one of *remove* (to expunge the job description file and all associated documents that are not referenced by another job) or *archive* (to request that the job and associated documents be archived on the server machine). Consult *faxqclean* more details on other information that may be included in this string.

external   The external form of the dialstring. This string is used instead of the dialstring in any status and log messages. Clients can protect private information such as access codes that must be placed in dialstrings by supplying a ''cleansed'' version of the dialstring.

fax   The pathname of a TIFF/F document that is ready for transmission. If the pathname string has a leading ''xx:'', then ''xx'' is interpreted to be the index of the first directory in the file to transmit (directories are numbered starting at zero).

groupid   The job group identifier, an integer number in the range 1 to 32000 assigned to each group of jobs by the *HylaFAX* software. Each job in a group of jobs submitted at the same time is assigned the same value by the *HylaFAX* software.

jobid   The job identifier, a unique integer number in the range 1 to 32000 assigned to each job by the *HylaFAX* software.

jobtag   A user-specified string that is intended for identification purposes. If this string is defined, it is returned to the user in notification messages instead of the job identifier.

killtime   The time to kill this job, expressed in seconds since 00:00:00 GMT, January 1, 1970.

location   The receiver's location as specified with the **−y** option to *sendfax*(1). This value is used only when creating continuation cover pages.

mailaddr   The electronic mail address to which notification messages should be directed.

maxdials   The maximum number of times the server should dial the phone. If the job cannot be completed in this number of calls, it is terminated.

maxtries   The maximum number of times the server should attempt to send a job; where an attempt is defined to be a session that makes it past Phase A of the CCITT T.30 protocol (for facsimile), or similar. If the job cannot be completed in this number of tries, it is terminated.

minsp   The minimum signalling rate to use for transmitting page data: 0 for 2400 bps (default), 1 for 4800 bps, 2 for 7200 bps, 3 for 9600 bps, 4 for 12000 bps, and 5 for 14400 bps.

modem   The outgoing modem to use to send the job, or ''any'' if any available modem is acceptable.

owner   The identity of the user that owns the job. Typically the owner is the user that created the job, though clients with administrative privileges can change the ownership of jobs. The value is the string specified in the USER command passed to *hfaxd*(8C) when a client logins in to the server.

notify	A specification of whether the sender wants notification: whenever the job is requeued after a failed attempt to transmit (''*when requeued*''), when the job is completed (''*when done*''), either of the above (''*when done+requeued*''), or not at all (''*none*'').
npages	The number of pages in the facsimile, including the cover page, that have been successfully transmitted.
ntries	The number of unsuccessful attempts that have been made to transmit the current page.
ndials	The number of consecutive unsuccessful attempts to establish carrier with the the remote device.
number	The dialstring to use to call the destination device.
page	a string with PIN and to use in processing a page transmit request.
pagechop	Whether or not to automatically truncate trailing whitespace on pages of outbound facsimile; see **PageChop** in *hylafax-config*(5F). The possible values are: ''*default*'' to use the setting of the **PageChop** configuration parameter, ''*none*'' to disable page chopping, ''*all*'' to enable chopping of all pages, and ''*last*'' to enable chopping of the last page of each document.
pagehandling	A string that contains per-page information used during facsimile transmission. Most of the information is used in the negotiation of session capabilities with optional information used in the implementation of page chopping. The string has three characters, say *xxc*, for each page to be transmitted. The *xx* characters are a hex-encoded specification of the session capabilities required to transmit the page. The *c* character is one of ''M'', ''S'', and ''P''; where: ''M'' indicates there is another page to follow and that the page requires different T.30 session parameters be negotiated (an EOM code is to be transmitted). ''S'' indicates there is another page to follow, but the page uses the same session parameters (an MPS. code is to be transmitted). ''P'' indicates this is the last page to be transmitted (an EOP code is to be transmitted). In addition, if page chopping has been enabled and the page has enough trailing whitespace to be a candidate, then each three character string will be followed by a string of the form ''Z*XXXX*'', where ''XXXX'' is a 4 digit hex-encoded count of the number of bytes of data to send for a chopped page.
pagelength	The desired page length in millimeters.
pagewidth	The desired page width in millimeters.
pcl	The pathname of a PCL document to send. Once a PCL document has been processed by *faxsend*, it is marked as **!pcl** so that subsequent retries do not reprocess the document.
poll	The value is a Caller Identification String (CIS) to use in making a polling request. If no CIS is specified then *faxsend* will form one from the **FAXNumber** configuration parameter.
postscript	The pathname of a POSTSCRIPT® document to send. Once a POSTSCRIPT document has been processed by *faxsend*, it is marked as **!postscript** so that subsequent retries do not reprocess the document.
receiver	The receiver's name. This value is used only when creating continuation cover pages.
resolution	The desired vertical resolution in lines per inch. This value should be either 98 or 196.
retrytime	The time, in seconds, to delay between each attempt to transmit a job that fails because of a communication-oriented problem. Normally jobs are scheduled according to a collection of configuration parameters that are tuned for the specific reason of each failure; e.g. see **JobReqProto** in *hylafax-config*(5F).
returned	Used internally to determine the last return value of the send command issued for this job.
sender	The ''full name'' of the sender of the facsimile.

signalrate   The signalling rate used to transmit facsimile data. This item is recorded by *faxsend*(8C) so that *notify*(8C) can return it in a notification message.

state   The job scheduling state. Recognized values are: 1 (*suspended*, not being scheduled), 2 (*pending*, waiting for the time to send), 3 (*sleeping*, waiting for a scheduled timeout), 4 (*blocked*, waiting for concurrent activity to the same destination to complete), 5 (*ready*, ready to be processed except for available resources), 6 (*active*, actively being processed by *HylaFAX*), 7 (*done*, processing completed with success). 8 (*failed*, processing completed with a failure).

status   Status information about the current state of the job. Typically this is the reason why the last attempt to send the facsimile failed.

subaddr   The SubAddress information to transmit when sending a facsimile. This string should be used by the receiver to route received facsimile documents.

tagline   The format string to use in imaging taglines on outgoing documents. Note that this parameter is only used if the **desiredtl** parameter is non-zero.

tiff   The pathname of a TIFF/F document to send. Once a TIFF document has been processed by *faxsend*, it is marked as **!tiff** so that subsequent retries do not reprocess the document.

totdials   The total number of times the server has placed a call to the receiving phone number.

totpages   The total number of pages to be transmitted.

tottries   The total number of attempts to transmit a job; see **maxtries** above.

tts   The time to send the job. If this value is non-zero, it is number of seconds since 00:00:00 GMT, January 1, 1970. Otherwise, a value of 0 is interpreted to mean process as soon as possible.

useccover   1 if the job should use a continuation cover page during retransmission, 0 otherwise.

usexvres   1 if the job should use the highest possible vertical resolution, 0 otherwise. See *hylafax-server*(5F) for a description of continuation cover pages.

SEE ALSO

sendfax(1), *faxq*(8C), *faxqclean*(8C), *faxsend*(8C), *pagesend*(8C), *hfaxd*(8C), *hylafax-config*(5F)