

**NAME**

faxrcvd – *HylaFAX* notification script for received facsimile

**SYNOPSIS**

```
/var/spool/hylafax/bin/faxrcvd qfile devid commid error-msg [ callid-1 [ callid-2 [ ... [ callid-n ] ] ] ]
```

**DESCRIPTION**

**bin/faxrcvd** is the command script invoked by the facsimile server whenever a facsimile is received. The default script sends electronic mail to the *FaxMaster* user describing the content of the facsimile and other useful information such as the time spent receiving the document. The arguments are:

**qfile** the pathname of the received TIFF file relative to the root of the spooling hierarchy.  
**devid** the modem device on which the facsimile was received.  
**commid** the communication identifier for the inbound call.  
**error-msg** an error message that is non-null if an error was encountered during the receive operation.  
**callid** the value of various identification indicators from the call

**NOTES**

This script can route facsimile directly to the intended recipient. To do this create a shell script **etc/FaxDispatch** in the spooling area that sets *SENDTO* to the receiver's electronic mail address. For example,

```
case "$SENDER" in
  *1*510*526*1212*) SENDTO=sam;;           # Sam's test rig in Berkeley
  *1*415*390*1212*) SENDTO=raster@asd;;    # 7L Xerox room, used for scanning
  *5107811212)     SENDTO=peebles@mti;;    # stuff from home
esac
case "$DEVICE" in
  ttyS1)           SENDTO=john;;           # all faxes received on ttyS1
  ttyLT0)         SENDTO=mary@home;;      # all faxes received on ttyLT0
esac
case "$CIDNUMBER" in
  435*)           SENDTO=lee; FILETYPE=pdf;; # all faxes from area code 435
  5059627777)    SENDTO=amy; FILETYPE=tif;; # Amy wants faxes in TIFF
esac
case "$SUBADDR" in
  53)             SENDTO=FaxMaster;;      # without double-notification
  roger)         SENDTO=roger;;          # possible text subaddressing
esac
```

Note that you must match any embedded white space. The facsimile will be sent as a MIME-encoded PostScript document as default.

**CALLID<sub>n</sub>**

is equivalent to the *n*th call identification parameter

**CIDNAME**

is equivalent to **CALLID2** above.

**CIDNUMBER**

is equivalent to **CALLID1** above.

**DEVICE**

is equivalent to **device** above.

**FILETYPE**

controls the filetype of the image attachment. Current filetype options are "ps", "tif", and "pdf". Multiple values may be specified by separating them with whitespace. In that case a separate attachment is created for each filetype.

**FROMADDR**

controls the sender of the received fax notification. It is given as an e-mail address.

**MSG** is equivalent to **error-msg** above.

**NOTIFY\_FAXMASTER**

(an underscore “\_” character is between NOTIFY and FAXMASTER) indicates whether or not the HylaFAX administrator should be notified regarding incoming facsimile. Default is “always”. Also available are “never”, which means to never send any received facsimile notification, and “errors”, which means to send notification only if there were reception errors.

**SENDER**

is the received TSI of the fax sender.

**SENDTO**

controls the recipient of the received fax notification. It is given as an e-mail address, and it’s value will be passed directly to the MTA for delivery as well as being inserted into the email. If you want to send to multiple recipients in separate messages set the variable SENDTO1...SENDTON in addition to SENDTO. faxrcvd will process additional SENDTON variables starting at 1, and stopping at the first empty SENDTON variable it finds. The templates should continue to reference \$SENDTO, and faxrcvd will make sure it get’s set correctly as the template is processed for each one.

**SUBADDR**

the received subaddress value, communicated by the sender for post-reception routing purposes

**TEMPLATE**

the template subdirectory to use when sending e-mails. HylaFAX ships with a base set of templates, and some direct translations. To use the German translated templates, set TEMPLATE=de in FaxDispatch. This is relative to the base template directory.

Other shell variables are available. Consult the faxrcvd script directly.

**FILES**

/var/spool/hylafax	spooling area
/usr/local/sbin/faxinfo	for printing information about the facsimile
/usr/bin/fax2ps	for converting TIFF to PostScript
/usr/sbin/sendmail	for delivering mail
/var/spool/hylafax/etc/templates/	base directory for outgoing e-mail templates

**SEE ALSO**

*faxd*(8C), *hylafax-server*(5F), *rcvq*(5F)