

Appendix F – Using UUCP

Introduction

Eudora works with UUCP in almost exactly the same way as it works with the POP and SMTP servers. Attachments are supported, as is regular mail checking and the other features. It is possible to mix methods; for example, you can use UUCP for reading mail but SMTP for sending it.

Eudora does not come with UUCP. Three available Macintosh UUCP systems are “uupc 3.0” (dplatt@snulbug.mtview.ca.us), “gnuucp” (jim@fpr.com) and “UUCP/Connect” (formerly “μAccess,” sales@intercon.com). “UUCP/Connect” is commercial; the other two are free ware. Eudora has been tested with all three packages; it works well with uupc 3.0 and UUCP/Connect, but it does not work very smoothly with gnuucp.

Configuration... Dialog for UUCP

POP account:	!Documents:UUCP:maildrops:test
Real Name:	I.M. Testing
Connection Method:	<input checked="" type="radio"/> MacTCP <input type="radio"/> Communications Toolbox <input type="radio"/> Offline
SMTP Server:	!dornernmac!Documents:UUCP:outspool:!test!0000
Return Address:	test%sdornernmac@uxc.cso.uiuc.edu

Configuration... dialog for UUCP

POP Account

If you are going to receive mail via UUCP, you should put the full path name of your “mail drop” (the file where UUCP leaves mail for you) in the POP Account field. Precede the name with an exclamation point.

MacTCP/Communications Toolbox

This setting doesn’t matter if you’re doing pure UUCP mail. If you’re trying to mix UUCP with SMTP or POP, set this to whatever is appropriate for your SMTP or POP connection.

SMTP Server

If you want to send mail via UUCP, several items have to go in the SMTP Server field. Each one should be preceded by an exclamation point. The items are, in order:

mac - the UUCP name of your Macintosh.

spoolpath: - the full path name of the UUCP working directory.

user - your user name on your mac

0000 - a four-digit sequence number; will be incremented by Eudora.

Return Address

If you use UUCP for reading your mail, you **must** put your correct return address in the Return Address field. It is absolutely vital that this address be correct. If it's wrong, no one is able to reply to your mail and the mail transport system is unable to tell you your mail can't be delivered.

Operation

Almost all Eudora features work normally with UUCP. The one exception is the Leave Mail On Server (LMOS) option. When Eudora is used with POP, setting LMOS results in Eudora downloading only unread mail. With UUCP, however, Eudora does not distinguish between read and unread mail; it downloads all the mail at each check. This results in duplicate messages, unless you use some other means to clean out your mail drop between Eudora checks. It is suggested that the LMOS option remain turned off when using UUCP.

Internals**Mail Drop Format**

Eudora expects the mail drop to be in standard UNIX mailbox format, with UUCP envelopes ("From " lines) at the beginning of each message. The mail drop should use carriage returns (not line feeds) for new lines.

Working Files

When sending mail, Eudora creates two files in the UUCP work directory. These files are:

D.mac0####

The message itself is put in this file. As distributed, Eudora uses returns for new lines in this file. That can be changed by editing the last characters of STR# resource id 8000, string 5; Eudora will use whatever non-printable characters are at the end of the string. The mail begins with a UUCP envelope. The "####" stands for the four-digit sequence number mentioned in the "SMTP Server" section above. It increments as each message is sent.

X.mac0####

Commands for the UUCP system are put in this file. These commands are all editable via ResEdit; they are distributed with returns at the ends.

U user mac

 ; identifies you (STR# id 8000, string 1)

F D.mac0####

 ; this file contains your message (8000,2)

I D.mac0####

 ; use your mail for input (8000,3)

C rmail recipient...

 ; all recipients of the mail are listed here (8000,4)