The available UUPC/extended files include:

Name	Description
index	The current directory listing for the UUPC/extended archive. (Only available on kewgate and the various Clarkson systems)
upc12bad.zip	Formatted documentation files for UUPC/extended
upc12baw.zip	Word for Windows documentation source files for UUPC/extended
upc12bap.zip	Documentation files formatted for a PostScript printer
upc12bd1.zip	Executable files for MS-DOS, 1 of 3
upc12bd2.zip	Executable files for MS-DOS, 2 of 3.
upc12bd3.zip	Executable files for MS-DOS, 3 of 3.
upc12bw1.zip	Executable files for Windows 3.x, 1 of 3.
upc12bw2.zip	Executable files for Windows 3.x, 2 of 3.
upc12bw3.zip	Executable files for Windows 3.x, 3 of 3.
upc12b11.zip	Executable files for 16 bit OS/2 (version 1.x), 1 of 3.
upc12b12.zip	Executable files for 16 bit OS/2 (version 1.x), 2 of 3.
upc12b13.zip	Executable files for 16 bit OS/2 (version 1.x), 2 of 3.
upc12b21.zip	Executable files for 32 bit OS/2 (version 2.x), 1 of 3.
upc12b22.zip	Executable files for 32 bit OS/2 (version 2.x), 2 of 3.
upc12b23.zip	Executable files for 32 bit OS/2 (version 2.x), 3 of 3.
upc12bn1.zip	Executable files for Windows NT for Intel x86, 1 of 3.
upc12bn2.zip	Executable files for Windows NT for Intel x86, 2 of 3.
upc12bn3.zip	Executable files for Windows NT for Intel x86, 3 of 3.
upc12bs1.zip	Source files for UUPC/extended, 1 of 2.
upc12bs2.zip	Source files for UUPC/extended, 2 of 2.
howtoget.txt	This file. (Only available on kewgate and various Clarkson systems)

announce.txt	A summary of the newest release. This file is generally an abridged version of the current CHANGES.PRN file included in the documentation archive. This file is not created if the current release has limited changes. For all releases, CHANGES.PRN is the definitive summary of changes. (Only available on kewgate and various Clarkson systems)

Note: MS-DOS users will want upc12bd1.zip, upc12bd2.zip, upc12bd3.zip, and upc12bad.zip.

Note: OS/2 users will want upc12b21.zip, upc12b22.zip, upc12b23.zip, and upc12bad.zip.

Note: Windows NT users will want upc12bn1.zip, upc12bn2.zip, upc12bn3.zip, and upc12bad.zip.

The files names change with each release to include the current release number in the file name. For example, the source archive for version 1.24b would be upc24bs1.zip.

From time to time, test releases are loaded to kewgate and/or the various Clarkson systems. These releases are placed in a sub-directory on the Clarkson file server and in the same directory as the production directory on kewgate.

Formatted Documentation Archive Contents

The documentation archive includes both the formatted documents describing UUPC/extended and various configuration files. Most of the configuration files are samples and must be modified to be used. The files in the documentation archive are as follows:

README.PRN provides an overview of UUPC/extended.

REGISTER.PRN describes how to register UUPC/extended to encourage us to keep putting out this insanity.

Note: You do **not** have to register to UUPC/extended to use it or give it to others.

INSTALL.PRN tells how to install or upgrade UUPC/extended once you have read README.PRN.

COMMANDS.PRN summarizes the commands supplied with UUPC/extended, information on how to use most of them, and instructions on where to find information on the other commands.

HOWTOGET.PRN (this file) describes how and where to get a new version of UUPC/extended.

CHANGES.PRN is a list of recent changes to UUPC/extended (fixed bugs and enhancements).

MAIL.PRN is the documentation file for the MAIL command.

TILDE.PRN is used to generate a text file printed by the help (~?) command when sending mail.

UUSTAT.PRN is the documentation for the UUSTAT program.

BUGS.PRN is a list of known bugs in UUPC/extended.

UUPC.RC defines the system information related to UUPC/extended, such as the system name and work directories. Only one UUPC.RC file should exist per PC.

PERSONAL.RC defines the user information related to UUCP, such the user id, (mailbox) of the user, the user's full name, and the directory to store mail in. If several people share the same PC, then multiple PERSONAL.RC files may exist under different names.

PERSONAL.SIG is a sample signature file, which is appended to each mail file you send. Use of this file is optional, but highly recommended.

SYSTEMS defines the telephone numbers and login information for other computers the local PC can call.

PASSWD defines both remote systems that can call the local PC and all local users.

PERMISSN defines access for remote systems accessing your system via UUPC/extended. It is based on the format of the UUCP PERMISSIONS file.

SAMPLE.MDM is a heavily commented modem configuration file which explains the use of the various fields in modem configuration files. Other modem files are also included.

HOSTPATH defines routing for hosts that are not directly connected to the PC.

ALIASES.TXT defines short aliases for common addresses, allowing a short nickname to be used in place of the full name and mail address of a person.

Program Archive 1 of 3

The following programs are included in the UPCxxxD1, UPCxxxW1, UPCxxx21 and UPCxxxN1archives:

MAIL.EXE is the mail user agent (MUA); it is used for both sending and receiving mail.

UUCICO.EXE acts the mail transport agent by exchanging files with other systems via the serial port (modem). It can both call out (active polling) and wait for another system to call (passive polling).

UUXQT.EXE processes requests received via UUCICO, invoking RMAIL.EXE or other programs to process data. It should be run after each UUCICO.EXE invocation.

RMAIL.EXE is called by both MAIL.EXE and UUXQT.EXE to deliver mail; as such, it must be called RMAIL.EXE.

Note: There are no .COM files in the OS/2 or Windows NT archives; all the OS/2 and Windows NT files have .EXE extensions.

Program Archive 2 of 3

The following programs are included in the UPCxxxD2, UPCxxxW2, UPCxxx22 and UPCxxxN2 archives:

FMT.COM is a simple program to format text by wrapping it after 72 columns.

GENSIG.COM randomly appends quotes or other user selected text to the end of a fixed signature file.

NOVRSTRK.COM is a program which removes overstrikes from files for viewing on a terminal. It's use is described above, and is optional.

UUPOLL.EXE serves as a driver for UUCICO and UUXQT, invoking UUCICO to answer the phone and/or dial out on regular basis and then automatically invoking UUXQT to process any files received; this permits unattended operation of UUPC/extended, allowing it, for example, to call another system in the middle of the night.

UUCP.COM copies binary files between two systems without going through mail.

UUSTAT.COM is a utility to report on and update the status of jobs queued for other systems.

UUSUB.COM reports and optionally clears statistics on the amount of data transferred between systems.

SU.BAT is a sample command file for changing the active user.

UUCLEAN.BAT is a sample command file which deletes old logs and temporary files from the UUPC/extended spool and temporary directories.

UUIO.BAT is a sample command file for running UUCICO and UUXQT in sequence.

Note: There are no .COM or .BAT files in the OS/2 and Windows NT archives. All the OS/2 and Windows NT files have .EXE or .CMD extensions.

Program Archive 3 of 3

The following programs are included in both the UPCxxxD3, UPCxxxW3, UPCxxx23 and UPCxxxN3 archives:

RNEWS processes incoming news from other systems, and is normally never directly invoked by the user. It is invoked automatically by UUXQT upon the arrival of news at the local system.

EXPIRE archives and/or deletes articles created by RNEWS in normal mode after a specified period of days.

Source Archives

The source archives include all of the files needed to build UUPC/extended under DOS using Borland C++ 3.1. The program can also be built under DOS or OS/2 using Microsoft C 6.0. Microsoft Macro Assembler is required if building the DOS modules with the Microsoft C compiler.

Note: The upc12bs.zip file should be PKUNZIPed with the unpack directory (-d) option.

Unformatted Documentation Archive

The unformatted documentation archive includes all of the Word for Windows (2.0) files and templates used to create the formatted documents in the regular documentation archive.

Other Trivia

Special Thanks

Russ Nelson and Keith Petersen have aided us in getting many of the past releases out to the public. Thanks Clarkson University's Educational Resources Center, with special attention to Brad Clements and Bob Barringer, for providing upload and anonymous FTP facilities.

A final thanks to Shawn McKay and Alan Steele of the Massachusetts Institute of Technology and eddie.mit.edu for handling kendra's Internet mail forwarding (including all those questions to help@kew.com).

Questions and Comments

Please direct all questions on retrieving UUPC/extended to help@kew.com. Within the United States, we will help you get a current copy of this document if you call us at our voice number, (617) 641-3452.

Appendix 2: How to Register UUPC/extended

Why You Should Register UUPC/extended

Kendra Electronic Wonderworks now offers the opportunity for you to register your copy of UUPC/extended. Here's why:

> Three years of work have gone into it here at the Wonderworks. This is a non-trivial amount.
>
> Most of the e-mail received outside the KEW.COM domain is now related to UUPC/extended. This, combined with the major intra-domain e-mail requirements[68] for KEW.COM having gone away, threatens to make UUPC/extended its own perpetual motion machine: we maintain UUPC/extended to stay in touch with the outside world, and the outside world sends us mail about maintaining UUPC/extended.
>
> It is an accepted fact that the original UUPC was not written by Kendra Electronic Wonderworks, and that others have written numerous features. What is not as clear is the work done here which goes into integrating and polishing these features. Because of work done here, people can take the work done all over the world and use it by unpacking a few files.
>
> Ryder rents trucks, Avis tries harder, MIT wins the Yale/Harvard game, and Kendra Electronic Wonderworks hunts bugs. Lots of bugs: bugs from the dawn of UUPC, bugs from other people's code, and even bugs we introduced (OOPS). A second system is maintained here primarily for providing downloading services to others via anonymous UUCP and for hunting bugs. Only RAID kills more bugs. We also integrate bug fixes from other people, so those few files we give to others to unpack not only have more features but also bug fixes.
>
> Bug hunting can be a bitch, and writing documentation is worse. Kendra Electronic Wonderworks has done both gratis for two years. Beginning with release 1.11m, the documentation has been expanded, and will be further enhanced to make the package easier to use. This does not benefit the internal users; we know how it works, and don't need the documents.
>
> Because if you register, we can buy more chocolate ice cream for Snuffles.

The short version of the above is you have the package; what you can optionally pay for is additional enhancements and support by the creatures most knowledgeable about UUPC/extended. **However,** we would rather you used an unregistered copy of our package than used someone else's inferior package.

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[68]The owner of kendra.kew.com married the owner of athena.kew.com in October, 1992. The transcontinental UUPC/extended link previously used by the happy couple has been replaced by an Ethernet. Send congratulations to binkley@kew.com, our resident ether bunny.

And as an added bonus

Send us anything and Snuffles will think you're wonderful.

Send us $20 and you can call us for telephone support at the UUPC/extended support telephone number [(617) 641-3452] for 18 months. We'll even return your phone calls in the United States.

Send us $40 and you can use the support number for 18 months. When available, we'll also mail the next major release of UUPC/extended on floppies.

Send us $50 and you can use support number for 18 months, we'll mail the next major release of UUPC/extended when available, and we'll throw in a hard copy of the documentation.

Send us $100 and you can use the support number for 18 months, we'll mail the next major release of UUPC/extended, throw in a hard copy of the documentation, and have you committed to the sanitarium of your choice.

Corporations cannot be committed to sanitariums, but we will take your money. Use the above schedule for each contact person, and add $10 for each additional node supported. For example, XYZ Systems Corp. has one contact person who calls the Wonderworks for support and needs the next release and hard copy documents ($50), and one backup contact at a secondary location ($20). They want the docs so that they can distribute them to 10 different UUPC nodes scattered around the company ($10 each). The primary contact person figures out how to get a contribution to Snuffles' Chocolate Ice Cream Fund ($1) past accounting. XYZ Systems would thus send us a check for $171.

We will invoice corporations on request. Corporations wishing to register 100 or more nodes should contact us for large site pricing.

Disclaimer of warranty

Please note that **none** of the above contradicts the No Warranty clause of our license agreement. Should UUPC/extended prove defective or unsuitable for your purpose, we will gladly refund your registration fee. We will not, however, be liable for any incidental or consequential damages resulting from your use of the package. Please read our license agreement (**Licensing, Redistribution, and Warranty**, available upon request) for further details.