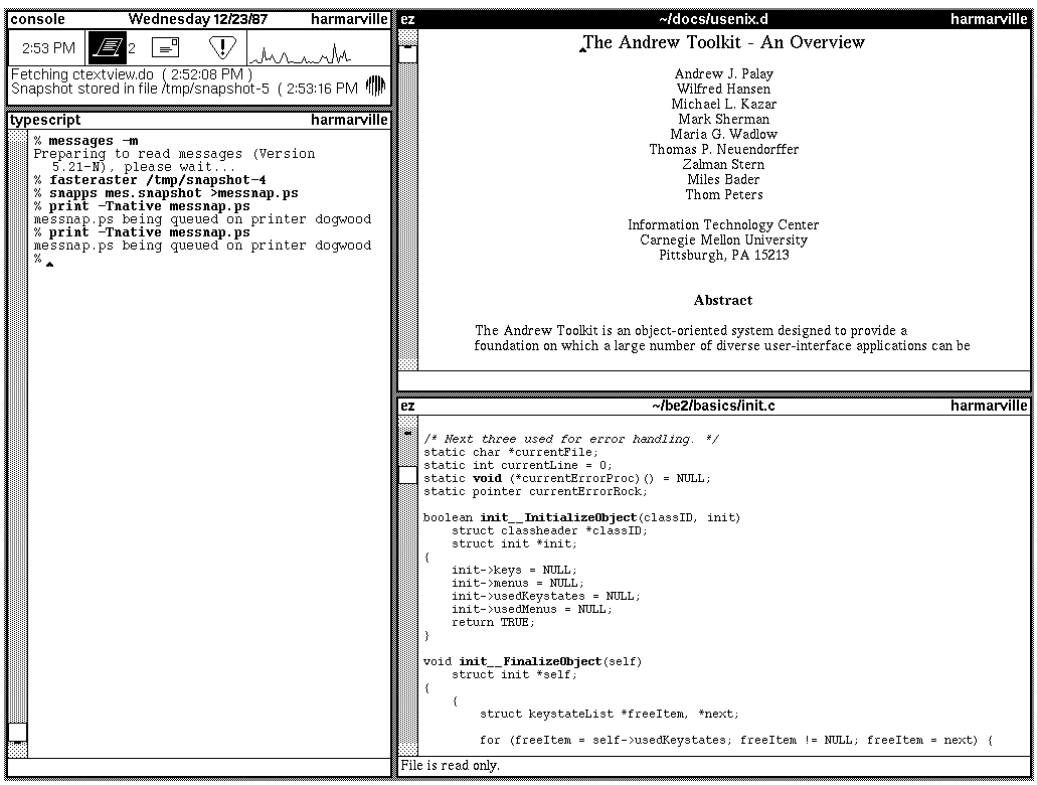
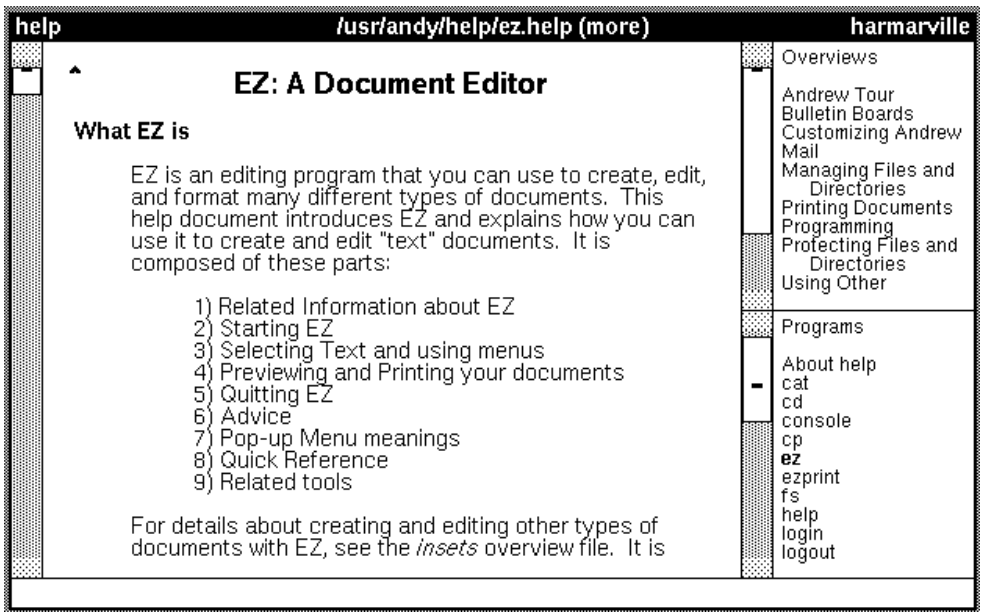

console Wednesday 12/23/87 harmarville
2:53 PM
Fetching ctextview.do (2:52:08 PM)
Snapshot stored in file /tmp/snapshot-5 (2:53:16 PM
typescript harmarville
% messages -m
Preparing to read messages (Version 5.21-N), please wait...
% fasteraster /tmp/snapshot-4
% snapps mes.snapshot >messnap.ps
% print -Tnative messnap.ps
messnap.ps being queued on printer dogwood
% print -Tnative messnap.ps
messnap.ps being queued on printer dogwood
%
ez ~/docs/usenix.d harmarville
The Andrew Toolkit - An Overview
Andrew J. Palay
Wilfred Hansen
Michael L. Kazar
Mark Sherman
Maria G. Wadlow
Thomas P. Neuendorffer
Zalman Stern
Miles Bader
Thom Peters
Information Technology Center
Carnegie Mellon University
Pittsburgh, PA 15213
Abstract
The Andrew Toolkit is an object-oriented system designed to provide a foundation on which a large number of diverse user-interface applications can be
ez ~/be2/basics/init.c harmarville
/* Next three used for error handling. */
static char *currentFile;
static int currentLine = 0;
static void (*currentErrorProc)() = NULL;
static pointer currentErrorRock;
boolean init__InitializeObject(classID, init)
struct classheader *classID;
struct init *init;
{
init->keys = NULL;
init->menus = NULL;
init->usedKeystates = NULL;
init->usedMenus = NULL;
return TRUE;
}
void init__FinalizeObject(self)
struct init *self;
{
{
struct keystateList *freeItem, *next;
for (freeItem = self->usedKeystates; freeItem != NULL; freeItem = next) {
File is read only.


help
/usr/andy/help/ez.help (more)
harmarville
EZ: A Document Editor
What EZ is
EZ is an editing program that you can use to create, edit, and format many different types of documents. This help document introduces EZ and explains how you can use it to create and edit "text" documents. It is composed of these parts:
1) Related Information about EZ
2) Starting EZ
3) Selecting Text and using menus
4) Previewing and Printing your documents
5) Quitting EZ
6) Advice
7) Pop-up Menu meanings
8) Quick Reference
9) Related tools
For details about creating and editing other types of documents with EZ, see the insets overview file. It is
Overviews
Andrew Tour
Bulletin Boards
Customizing Andrew
Mail
Managing Files and Directories
Printing Documents
Programming
Protecting Files and Directories
Using Other
Programs
About help
cat
cd
console
cp
ez
ezprint
fs
help
login
logout

messages | Version 5.21-N | harmarville

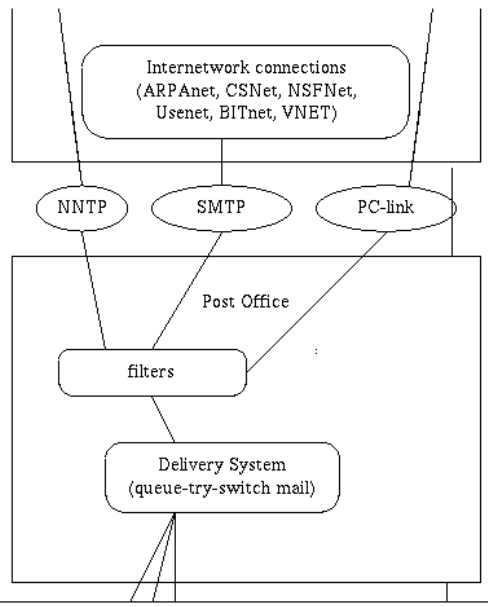
All 1414 Folders

- andrew.daemons.hosttable.po2
- andrew.daemons.hosttable.po3
- andrew.daemons.hosttable.po5
- andrew.daemons.listoflists
- andrew.daemons.nntppoll
- andrew.daemons.purgesent
- andrew.daemons.reindex
- andrew.daemons.wp
- ✓ andrew.documentation
- ✓ andrew.expres
- andrew.gnu-emacs
- ✓ andrew.gripes
- andrew.helpsys
- ✓ andrew.hints
- andrew.informix
- andrew.kermit
- ✓ andrew.kudos
- andrew.lost
- andrew.mac
- andrew.ms
- andrew.ms.2d
- andrew.ms.batmail
- andrew.ms.cui
- **andrew.ms.demo**
- andrew.ms.dow-jones
- andrew.ms.pcmsgs
- andrew.ms.stats
- andrew.ms.tech
- andrew.ms.tech.evs
- andrew.ms.tech.mac
- andrew.ms.version-3x
- andrew.ms.version-4x
- andrew.musicians
- andrew.networks
- andrew.newbboards
- andrew.notes
- andrew.opinion
- andrew.opinion.bar-stories
- andrew.pcserver
- ✓ andrew.picture
- andrew.picture.animals
- andrew.picture.cartoons
- andrew.picture.clipart

andrew.ms.demo (Local Bboard, 9 of 19 new)

- ✓ 23-Oct-87 *What it does, how it works* - Nathaniel Borenstein (275)
- ✓ 23-Oct-87 *The big picture* - Nathaniel Borenstein (2539)
- ✓ **23-Oct-87 *The detailed picture* - Nathaniel Borenstein (3993)**

The Andrew message system is, not surprisingly, internally complicated. The drawing below depicts these complications hierarchically. At the top level, it simply shows the five major types of components of the system, which run on five different categories of machines. By using the **zip** hierarchical drawing editor, you can "zoom in" on the various parts of the picture to see more detail about how each machine's function is structured internally.



messages | **Sent** | **harmarville**

To: Andrew Palay <ajp+@andrew.cmu.edu>
Subject: Big Cat

Won't Keep Copy
Won't Clear
Won't Hide
Reset

Knowing your fondness for big cats, Here's a picture I recently found.

Checkpointing message server state... done.

ez ~/docs/pascal.text harmarville

This is an example text component that contains a table. The table contains a number of other components including another text component, an equation and an animation. It also shows off the spreadsheet capabilities of the table.

Pascal's Triangle

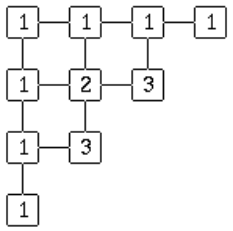
This table contains several descriptions of **Pascal's Triangle**. It contains a set of equations which defines the values of the triangle. It also contains an animation showing the building of the triangle. Finally there is an implementation of Pascal's Triangle using the spreahsheet facilities of the table object.

In order to run the animation, click into the cell and choose the **animate** item from the menus.

$$v_{0,j} = v_{i,0} = 0$$

$$v_{1,1} = 1$$

$$v_{i,j} = v_{i-1,j} + v_{i,j-1}$$



1	1	1
1	2	3
1	3	6
1	4	10
1	5	15

The End