



# Index of /archive/1992/SLACVIM/wwwtest

| <u>Name</u>                                                                                                        | <u>Last modified</u> | <u>Size</u> | <u>Description</u> |
|--------------------------------------------------------------------------------------------------------------------|----------------------|-------------|--------------------|
|  <a href="#">Parent Directory</a> | 22-Jul-1998 01:46    | -           |                    |
|  <a href="#">191/</a>             | 12-Jul-1998 00:56    | -           |                    |
|  <a href="#">192/</a>             | 13-Feb-1997 18:17    | -           |                    |

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# Index of /archive/1992/SLACVIM/wwwtest/191

| <u>Name</u>                                                                                                        | <u>Last modified</u> | <u>Size</u> | <u>Description</u> |
|--------------------------------------------------------------------------------------------------------------------|----------------------|-------------|--------------------|
|  <a href="#">Parent Directory</a> | 25-Jan-1997 22:47    | -           |                    |
|  <a href="#">rl0631/</a>          | 25-Jan-1997 23:48    | -           |                    |
|  <a href="#">rl2068/</a>          | 12-Jul-1998 02:13    | -           |                    |

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## of /archive/1992/SLACVIM/wwwtest/191/rl0631

| Name                                                                                                                 | Last modified     | Size | Description |
|----------------------------------------------------------------------------------------------------------------------|-------------------|------|-------------|
|  <a href="#">Parent Directory</a>   | 12-Jul-1998 00:56 | -    |             |
|  <a href="#">README</a>             | 25-Jan-1997 23:51 | 1k   |             |
|  <a href="#">binlist.help</a>       | 06-Mar-1992 07:47 | 1k   |             |
|  <a href="#">binlist.html</a>       | 06-Mar-1992 07:49 | 1k   |             |
|  <a href="#">binlist.index</a>      | 27-Feb-1992 06:54 | 1k   |             |
|  <a href="#">default.html</a>       | 06-Mar-1992 07:57 | 1k   |             |
|  <a href="#">defaultx.html</a>      | 06-Mar-1992 07:56 | 1k   |             |
|  <a href="#">fget.exec</a>          | 06-Mar-1992 08:00 | 1k   |             |
|  <a href="#">fsearch.exec</a>       | 04-Mar-1992 08:00 | 1k   |             |
|  <a href="#">fsearch.saveexec</a>   | 27-Feb-1992 05:20 | 1k   |             |
|  <a href="#">hep.help</a>           | 06-Mar-1992 07:47 | 1k   |             |
|  <a href="#">hep.html</a>          | 06-Mar-1992 07:56 | 1k   |             |
|  <a href="#">hep.index</a>        | 27-Feb-1992 05:26 | 1k   |             |
|  <a href="#">profile.exec</a>     | 06-Mar-1992 07:45 | 1k   |             |
|  <a href="#">profile.xedit</a>    | 04-Nov-1988 06:03 | 1k   |             |
|  <a href="#">rundaemo.exec</a>    | 26-Feb-1992 03:50 | 1k   |             |
|  <a href="#">stores.help</a>      | 05-Mar-1992 02:43 | 21k  |             |
|  <a href="#">stores.html</a>      | 05-Mar-1992 02:14 | 1k   |             |
|  <a href="#">stores.index</a>     | 04-Mar-1992 07:51 | 1k   |             |
|  <a href="#">unread.notebook</a>  | 26-Feb-1992 03:40 | 1k   |             |
|  <a href="#">winters.jcw099</a>   | 25-Jan-1997 15:30 | 14k  |             |
|  <a href="#">wwwtest.191</a>      | 25-Jan-1997 15:29 | 6k   |             |
|  <a href="#">wwwtest.lastnews</a> | 26-Feb-1992 03:40 | 1k   |             |

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From the oldest backup tape for WWWTEST 191 (CMS RECOVER):

77 ) WWWTEST 0191 dumped to file 43 of tape RL0631 on 04/07/92 at 11:18:37

These are the oldest SLAC Web pages I've been able to find.

Joan Winters, 25 Jan 1997

# Index

## of /archive/1992/SLACVIM/wwwtest/191/rl2068

| <u>Name</u>                                                                                                           | <u>Last modified</u> | <u>Size</u> | <u>Description</u> |
|-----------------------------------------------------------------------------------------------------------------------|----------------------|-------------|--------------------|
|  <a href="#">Parent Directory</a>    | 12-Jul-1998 00:56    | -           |                    |
|  <a href="#">README</a>              | 11-Jul-1998 18:51    | 5k          |                    |
|  <a href="#">cms.preserve</a>        | 11-Jul-1998 18:34    | 1k          |                    |
|  <a href="#">eqxinv.module</a>       | 06-May-1992 07:31    | 34k         |                    |
|  <a href="#">lasting.globalv</a>     | 17-Apr-1992 05:52    | 1k          |                    |
|  <a href="#">profile.exec</a>        | 30-Apr-1992 07:26    | 1k          |                    |
|  <a href="#">rundaemo.exec</a>       | 28-May-1992 02:39    | 1k          |                    |
|  <a href="#">rundisc.exec</a>        | 01-May-1992 10:58    | 1k          |                    |
|  <a href="#">unix-commands</a>       | 12-Jul-1998 02:16    | 5k          |                    |
|  <a href="#">winters.filelist</a>    | 11-Jul-1998 18:46    | 1k          |                    |
|  <a href="#">winters.jcw115</a>     | 11-Jul-1998 18:25    | 9k          |                    |
|  <a href="#">winters.ls</a>        | 12-Jul-1998 02:14    | 1k          |                    |
|  <a href="#">wwwtest.lastnews</a>  | 01-May-1992 10:57    | 1k          |                    |
|  <a href="#">wwwtest191.backup</a> | 11-Jul-1998 17:50    | 8k          |                    |

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File /afs/slac.stanford.edu/www/archive/1992/SLACVM/wwwtest/191/rl2068/README

On 12 Jul 1998 restored currently existing backup copy #108 (on tape cartridge RL2068) of userid WWWTEST minidisk 191 via the CMS RECOVER command to WINTERS virtual reader, and from there to WINTERS 293 (a SPACE TEMPDISK) using a "RECEIVE / (OLDDATE" command within RDRLIST. The VM backup tape was taken 7/7/92.

Then copied all the RECOVERed files plus five files on the recovery and migration process from SLACVM to UNIX. Used an NFS mount?? in UNIX of the SLACVM WINTERS 293 minidisk, followed by a UNIX copy of all those files to the subdirectory /afs/slac.stanford.edu/www/archive/1992/SLACVM/wwwtest/191/rl2068. (A summary of UNIX commands is in file unix-commands.)

WWWTEST 191 is the test minidisk for basic WWW code in SLACVM. Note that other code at least came to reside on the SLACVM Udisk and on the WWWTEST 192 and WWW 191 and 192 minidisks. WWW 191 is not an "INSTALL" disk.

More specifically, from the CMS RECOVER list of backup tapes on 7/12/98 selected:

108 ) WWWTEST 0191 dumped to file 28 of tape RL2068 on 07/07/92 at 13:05:26

See file wwwtest191.backup (named WTEST191 BACKUP in VM due to the eight-character filename and filetype limitation) for the entire list of currently existing backups (created from XSHOW capture of RECOVER command output). Note that I named earlier files like this that contained a backup list e.g., wwwtest.191. The new format is intended to make the origin of the information immediately clear.

RECOVER submitted VM batch job JCW115 from userid WINTERS on 7/12/98. The job was run shortly afterwards. Its batch console output is in file winters.jcw115.

There were a total of 6 files on the SLACVM WWWTEST 191 minidisk of 7/7/92. In inverse chronological order since last update, here are the files (from "FILELIST (STATS" command output\*):

| Filename | Filetype | Fm | Format | LRECL | Records | Blocks | Date    | Time     | Label |
|----------|----------|----|--------|-------|---------|--------|---------|----------|-------|
| RUNDAEMO | EXEC     | A1 | V      | 65    | 23      | 1      | 5/28/92 | 9:39:23  | SPC2  |
| EQXINV   | MODULE   | A1 | V      | 29232 | 4       | 9      | 5/06/92 | 14:31:09 | SPC2  |
| RUNDISC  | EXEC     | A1 | V      | 15    | 3       | 1      | 5/01/92 | 17:58:09 | SPC2  |
| WWWTEST  | LASTNEWS | A1 | V      | 12    | 1       | 1      | 5/01/92 | 17:57:15 | SPC2  |
| PROFILE  | EXEC     | A2 | V      | 65    | 15      | 1      | 4/30/92 | 14:26:55 | SPC2  |
| LASTING  | GLOBALV  | A1 | V      | 24    | 1       | 1      | 4/17/92 | 12:52:02 | SPC2  |

The WWWTEST 191 minidisk contained code that at least came to be accessed via port :5080 rather than the default (production) WWW server port of :80.??

\* As defined in "HELP CMS FILELIST", the STATS option produces the following output:

STATs  
lists the following information about the specified files:

- o File identifier or directory identifier
- o Format and logical record length of the file
- o Number of records and number of blocks in the file
- o Date and time of last update.

See the "Examples" for a sample display using the STATS option.

To find fairly often the author(s) of one of these executable files:

- o Look in comments near the top (or bottom) for the file's "owner", the person(s) with primary responsibility for the page at the time the page was created or most recently updated before this backup was made.

For a list of all the files recovered plus three files created related to the recovery plus a record of the WINTERS CMS environment in which the recovery occurred (in file CMS PRESERVE), see winters.filelist (created by SAVEing the output of a FILELIST command). A list of all the files on the backup tape (which should be the same as all the files recovered) is in the batch job output winters.jcw115.

For a list of all the files moved to UNIX (which should include all the files in the winters.filelist file), see winters.ls (which also lists the unix-commands file, plus).

In summary, for more details about the recovery from VM backup and move from SLACVM to SLAC UNIX, see the following files:

README [created in SLACVM about entire migration, named README RL2068]  
cms.preserve

wwwtest191.backup??  
winters.jcw115  
winters.filelist

unix-commands [created in UNIX]  
winters.ls

See also files in subdirectory /afs/slac/www/archive/SLACVM for generally applicable information.

12 Jul 1998

Joan M. Winters



# Index of /archive/1992/SLACVM/wwwtest/192

| <u>Name</u>                                                                                                        | <u>Last modified</u> | <u>Size</u> | <u>Description</u> |
|--------------------------------------------------------------------------------------------------------------------|----------------------|-------------|--------------------|
|  <a href="#">Parent Directory</a> | 25-Jan-1997 22:47    | -           |                    |
|  <a href="#">rl1384/</a>          | 11-Jul-1998 23:59    | -           |                    |
|  <a href="#">rl1547/</a>          | 13-Feb-1997 19:15    | -           |                    |

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## of /archive/1992/SLACVVM/wwwtest/192/r11384

| Name                                                                                                                 | Last modified     | Size | Description |
|----------------------------------------------------------------------------------------------------------------------|-------------------|------|-------------|
|  <a href="#">Parent Directory</a>   | 13-Feb-1997 18:17 | -    |             |
|  <a href="#">06301005.corpse</a>    | 29-May-1992 02:28 | 1k   |             |
|  <a href="#">06301011.corpse</a>    | 02-May-1992 09:01 | 1k   |             |
|  <a href="#">1996recover/</a>       | 11-Jul-1998 21:42 | -    |             |
|  <a href="#">README</a>             | 19-Jul-1998 13:56 | 12k  |             |
|  <a href="#">biblio.html</a>        | 30-Jun-1992 03:10 | 1k   |             |
|  <a href="#">biblio.index</a>       | 30-Jun-1992 03:10 | 1k   |             |
|  <a href="#">books.@index</a>       | 01-May-1992 06:46 | 1k   |             |
|  <a href="#">books.html</a>         | 01-May-1992 06:46 | 1k   |             |
|  <a href="#">books.index</a>        | 01-May-1992 06:48 | 1k   |             |
|  <a href="#">cms.preserve</a>      | 11-Jul-1998 13:39 | 1k   |             |
|  <a href="#">conf.html</a>        | 02-May-1992 10:05 | 1k   |             |
|  <a href="#">conf.index</a>       | 02-May-1992 10:07 | 1k   |             |
|  <a href="#">default.1@html</a>   | 30-Apr-1992 09:12 | 1k   |             |
|  <a href="#">default.2@html</a>   | 30-Apr-1992 07:52 | 1k   |             |
|  <a href="#">default.3@html</a>   | 30-Apr-1992 07:17 | 1k   |             |
|  <a href="#">default.@html</a>    | 01-May-1992 05:07 | 1k   |             |
|  <a href="#">default.html</a>     | 01-May-1992 06:26 | 1k   |             |
|  <a href="#">defaultx.1@html</a>  | 01-Jun-1992 02:37 | 1k   |             |
|  <a href="#">defaultx.2@html</a>  | 29-May-1992 02:07 | 1k   |             |
|  <a href="#">defaultx.3@html</a>  | 04-May-1992 06:17 | 1k   |             |
|  <a href="#">defaultx.4@html</a>  | 02-May-1992 09:56 | 1k   |             |
|  <a href="#">defaultx.5@html</a>  | 02-May-1992 09:51 | 1k   |             |
|  <a href="#">defaultx.@html</a>   | 01-Jun-1992 07:01 | 1k   |             |
|  <a href="#">defaultx.html</a>    | 27-Jun-1992 04:03 | 1k   |             |
|  <a href="#">dummy.file</a>       | 10-Apr-1992 08:10 | 1k   |             |
|  <a href="#">experi.html</a>      | 01-May-1992 06:27 | 1k   |             |
|  <a href="#">experi.index</a>     | 01-May-1992 06:08 | 1k   |             |
|  <a href="#">experime.1@index</a> | 01-May-1992 07:47 | 1k   |             |
|  <a href="#">experime.@index</a>  | 02-May-1992 11:35 | 1k   |             |

|                                                                                     |                                 |                   |    |
|-------------------------------------------------------------------------------------|---------------------------------|-------------------|----|
|    | <a href="#">experime.index</a>  | 02-May-1992 11:40 | 1k |
|    | <a href="#">fget.1@exec</a>     | 29-May-1992 02:43 | 1k |
|    | <a href="#">fget.2@exec</a>     | 29-May-1992 02:26 | 1k |
|    | <a href="#">fget.3@exec</a>     | 29-May-1992 02:25 | 1k |
|    | <a href="#">fget.@exec</a>      | 29-May-1992 02:49 | 1k |
|    | <a href="#">fget.exec</a>       | 29-May-1992 02:50 | 1k |
|    | <a href="#">fsearch.1@exec</a>  | 15-May-1992 06:52 | 3k |
|    | <a href="#">fsearch.2@exec</a>  | 10-May-1992 04:33 | 3k |
|    | <a href="#">fsearch.3@exec</a>  | 10-May-1992 04:31 | 3k |
|    | <a href="#">fsearch.4@exec</a>  | 10-May-1992 04:28 | 3k |
|    | <a href="#">fsearch.@exec</a>   | 15-May-1992 06:54 | 3k |
|    | <a href="#">fsearch.exec</a>    | 29-May-1992 02:53 | 3k |
|    | <a href="#">getwhere.1@exec</a> | 01-Jun-1992 08:18 | 4k |
|    | <a href="#">getwhere.2@exec</a> | 01-Jun-1992 08:17 | 4k |
|    | <a href="#">getwhere.3@exec</a> | 01-Jun-1992 07:47 | 4k |
|   | <a href="#">getwhere.4@exec</a> | 01-Jun-1992 07:45 | 4k |
|  | <a href="#">getwhere.5@exec</a> | 01-Jun-1992 07:41 | 4k |
|  | <a href="#">getwhere.@exec</a>  | 01-Jun-1992 08:19 | 4k |
|  | <a href="#">getwhere.exec</a>   | 03-Jun-1992 09:40 | 4k |
|  | <a href="#">hep.@html</a>       | 30-Apr-1992 07:17 | 1k |
|  | <a href="#">hep.html</a>        | 30-Apr-1992 07:52 | 1k |
|  | <a href="#">hepnames.html</a>   | 02-May-1992 10:38 | 1k |
|  | <a href="#">hepnames.index</a>  | 02-May-1992 10:36 | 1k |
|  | <a href="#">institut.html</a>   | 02-May-1992 10:22 | 1k |
|  | <a href="#">institut.index</a>  | 02-May-1992 10:25 | 1k |
|  | <a href="#">particle.1@html</a> | 01-May-1992 07:39 | 1k |
|  | <a href="#">particle.@html</a>  | 01-May-1992 07:39 | 1k |
|  | <a href="#">particle.help</a>   | 02-May-1992 08:35 | 1k |
|  | <a href="#">particle.html</a>   | 02-May-1992 08:55 | 1k |
|  | <a href="#">particle.index</a>  | 02-May-1992 08:50 | 1k |
|  | <a href="#">rundaemo.@exec</a>  | 30-Apr-1992 07:25 | 1k |
|  | <a href="#">rundaemo.exec</a>   | 30-Apr-1992 07:53 | 1k |
|  | <a href="#">spires.@html</a>    | 30-Apr-1992 07:17 | 1k |
|  | <a href="#">spires.html</a>     | 30-Apr-1992 07:52 | 1k |
|  | <a href="#">stores.@html</a>    | 30-Apr-1992 07:18 | 1k |

|                                                                                     |                                      |                   |     |
|-------------------------------------------------------------------------------------|--------------------------------------|-------------------|-----|
|    | <a href="#">stores.html</a>          | 30-Apr-1992 07:52 | 1k  |
|    | <a href="#">unix-commands</a>        | 12-Jul-1998 00:08 | 6k  |
|    | <a href="#">visible1992.filelist</a> | 11-Jul-1998 15:02 | 4k  |
|    | <a href="#">whereis.@index</a>       | 04-May-1992 06:19 | 1k  |
|    | <a href="#">whereis.help</a>         | 21-May-1992 06:20 | 2k  |
|    | <a href="#">whereis.html</a>         | 04-May-1992 06:21 | 1k  |
|    | <a href="#">whereis.index</a>        | 13-May-1992 04:43 | 2k  |
|    | <a href="#">winters.filelist</a>     | 11-Jul-1998 16:45 | 9k  |
|    | <a href="#">winters.jcwl14</a>       | 11-Jul-1998 14:07 | 37k |
|    | <a href="#">winters.ls</a>           | 11-Jul-1998 23:59 | 6k  |
|    | <a href="#">wwwtest.history</a>      | 30-Jun-1992 03:12 | 33k |
|    | <a href="#">wwwtest.inst\$var</a>    | 29-Apr-1992 06:20 | 1k  |
|    | <a href="#">wwwtest.lastnews</a>     | 14-May-1985 04:29 | 1k  |
|    | <a href="#">wwwtest.newslst</a>      | 23-Apr-1986 06:02 | 1k  |
|    | <a href="#">wwwtest.owners</a>       | 30-Jun-1992 03:12 | 1k  |
|   | <a href="#">wwwtest.staff</a>        | 29-Apr-1992 06:14 | 1k  |
|  | <a href="#">wwwtest192.backup</a>    | 11-Jul-1998 13:40 | 3k  |
|  | <a href="#">xwhere.1@html</a>        | 01-Jun-1992 06:03 | 1k  |
|  | <a href="#">xwhere.2@html</a>        | 29-May-1992 04:35 | 1k  |
|  | <a href="#">xwhere.3@html</a>        | 29-May-1992 04:34 | 1k  |
|  | <a href="#">xwhere.4@html</a>        | 29-May-1992 03:20 | 1k  |
|  | <a href="#">xwhere.5@html</a>        | 29-May-1992 02:42 | 1k  |
|  | <a href="#">xwhere.@html</a>         | 01-Jun-1992 07:06 | 1k  |
|  | <a href="#">xwhere.html</a>          | 03-Jun-1992 09:35 | 1k  |

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File /afs/slac.stanford.edu/www/archive/1992/SLACVM/wwwtest/192/rl1384/README

On 11 Jul 1998 restored currently existing backup copy #32 (on tape cartridge RL1384) of userid WWWTEST minidisk 192 via the CMS RECOVER command to WINTERS virtual reader, and from there to WINTERS 292 (a SPACE TEMPDISK) using a "RECEIVE / (OLDDATE" command within RDRLIST. The VM backup tape was taken 7/7/92.

Then copied all the RECOVERed files plus six files on the recovery and migration process from SLACVM to UNIX. Used an NFS mount?? in UNIX of the SLACVM WINTERS 292 minidisk, followed by a UNIX copy of all those files to the subdirectory /afs/slac.stanford.edu/www/archive/1992/SLACVM/wwwtest/192/rl1384. (A summary of UNIX commands is in file unix-commands.)

WWWTEST 192 is the public "test" minidisk for WWW pages in SLACVM, though at this time the entire WWW system was experimental at SLAC and there were no pages on UNIX.

N.B.: The RL1384 tape contains the oldest, extant backup tape for the WWWTEST 192 minidisk. This minidisk was probably created at the same time it was made an "INSTALL" disk on 29 Apr 1992.

More specifically, from the CMS RECOVER list of backup tapes on 7/11/98 I selected:

32 ) WWWTEST 0192 dumped to file 64 of tape RL1384 on 07/07/92 at 23:26:00

See file wwwtest192.backup (named WTEST192 BACKUP in VM due to the eight-character filename and filetype limitation) for the entire list of currently existing backups (created from XSHOW capture of RECOVER command output). Note that I named earlier files like this that contain a list of the currently existing backup tapes, e.g., wwwtest.192. The new name format is intended to make the origin of the information immediately clear.

RECOVER submitted VM batch job JCW114 from userid WINTERS on 7/11/98. The job was run shortly afterwards. Its batch console output is in file winters.jcw114.

Of a total of 79 files on the SLACVM WWWTEST 192 minidisk of 7/7/92, 23 were user-visible "test"\* pages (i.e., named either / HTML/ or / INDEX/ where the slashes [/] delimit strings). The rest were user-visible "test" executable or miscellaneous files including INSTALL files about the contents of the minidisk (see below), or older versions of test files. In inverse chronological order since last update, the test pages (from "FILELIST (STATS", then "ALL / HTML/ | / INDEX/" command output+) are:

| Filename | Filetype | Fm | Format | LRECL | Records | Blocks | Date    | Time     | Label |
|----------|----------|----|--------|-------|---------|--------|---------|----------|-------|
| BIBLIO   | INDEX    | A1 | V      | 43    | 14      | 1      | 6/30/92 | 10:10:36 | SPC2  |
| BIBLIO   | HTML     | A1 | V      | 47    | 9       | 1      | 6/30/92 | 10:10:21 | SPC2  |
| DEFAULTX | HTML     | A1 | V      | 59    | 28      | 1      | 6/27/92 | 11:03:25 | SPC2  |
| XWHERE   | HTML     | A1 | V      | 67    | 35      | 1      | 6/03/92 | 16:35:23 | SPC2  |
| WHEREIS  | INDEX    | A1 | F      | 80    | 20      | 1      | 5/13/92 | 11:43:56 | SPC2  |
| WHEREIS  | HTML     | A1 | V      | 82    | 10      | 1      | 5/04/92 | 13:21:41 | SPC2  |
| EXPERIME | INDEX    | A1 | V      | 44    | 19      | 1      | 5/02/92 | 18:40:02 | SPC2  |

|          |       |      |    |    |   |                  |      |
|----------|-------|------|----|----|---|------------------|------|
| HEPNAMES | HTML  | A1 V | 80 | 9  | 1 | 5/02/92 17:38:19 | SPC2 |
| HEPNAMES | INDEX | A1 V | 43 | 12 | 1 | 5/02/92 17:36:52 | SPC2 |
| INSTITUT | INDEX | A1 V | 43 | 12 | 1 | 5/02/92 17:25:16 | SPC2 |
| INSTITUT | HTML  | A1 V | 76 | 9  | 1 | 5/02/92 17:22:11 | SPC2 |
| CONF     | INDEX | A1 V | 45 | 12 | 1 | 5/02/92 17:07:27 | SPC2 |
| CONF     | HTML  | A1 V | 76 | 9  | 1 | 5/02/92 17:05:03 | SPC2 |
| PARTICLE | HTML  | A1 V | 69 | 11 | 1 | 5/02/92 15:55:24 | SPC2 |
| PARTICLE | INDEX | A1 V | 74 | 24 | 1 | 5/02/92 15:50:51 | SPC2 |
| BOOKS    | INDEX | A1 V | 43 | 12 | 1 | 5/01/92 13:48:31 | SPC2 |
| BOOKS    | HTML  | A1 V | 80 | 9  | 1 | 5/01/92 13:46:31 | SPC2 |
| EXPERI   | HTML  | A1 V | 78 | 10 | 1 | 5/01/92 13:27:03 | SPC2 |
| DEFAULT  | HTML  | A1 V | 79 | 22 | 1 | 5/01/92 13:26:37 | SPC2 |
| EXPERI   | INDEX | A1 V | 44 | 20 | 1 | 5/01/92 13:08:54 | SPC2 |
| STORES   | HTML  | A1 V | 81 | 10 | 1 | 4/30/92 14:52:57 | SPC2 |
| SPIRES   | HTML  | A1 V | 78 | 9  | 1 | 4/30/92 14:52:51 | SPC2 |
| HEP      | HTML  | A1 V | 78 | 9  | 1 | 4/30/92 14:52:44 | SPC2 |

\* The WWWTEST minidisk only contained a subset of the entire proto-production SLAC Web pages on SLACVM, the subset that was actively being changed and tested. These pages were generally used by GIMEing (or LINKing and ACCESSing) the WWWTEST 192 minidisk ahead of the "production" WWW 192 minidisk in the user's CMS search order so that the test pages displayed, when available, instead of proto-production ones. If no test pages of given names existed, then the proto-production ones on the WWW 192 minidisk displayed.

+ As defined in "HELP CMS FILELIST", the STATS option produces the following output:

#### STATs

lists the following information about the specified files:

- o File identifier or directory identifier
- o Format and logical record length of the file
- o Number of records and number of blocks in the file
- o Date and time of last update.

See the "Examples" for a sample display using the STATS option.

To find, almost always, the author(s) of a file:

- 1) Look near the bottom (or top) for the file's "owner", the person(s) with primary responsibility for the page at the time the page was most recently updated before this backup was made. At this time, only EXEC files, not HTML pages, contained ownership information.
- 2) Look in the file WWWTEST OWNERS for the filename and filetype, e.g., SLAC HTML. The name(s) to the right are the userid(s) of the owner(s) with the primary owner first.
- 3) Look in the file WWWTEST HISTORY for an entry each time a file of a given name was modified. This includes when it was "owned", created, replaced, reverted, or erased. Note that in some cases the content of a particular filename may change significantly over time, e.g., GRABBAG HTML, which shed various parts to new pages like VENDORS HTML and LOCRES HTML as the parts grew.

Updates were not yet being logged via HTML comments at the end of the page.

Sources 2 and 3 result from WWWTEST 192 being a SLAC "INSTALL" minidisk. Occasionally, especially in the early days, a generic userid like WWW or WWWTEST was used to INSTALL a file.

In addition, 4 were user-visible, test executable files (i.e., named / EXEC/ or / MODULE/ where the slashes [/] delimit a string), to wit:

| FileName | Filetype | Fm | Format | LRECL | Records | Blocks | Date    | Time     | Label |
|----------|----------|----|--------|-------|---------|--------|---------|----------|-------|
| GETWHERE | EXEC     | A1 | V      | 70    | 123     | 2      | 6/03/92 | 16:40:55 | SPC2  |
| FSEARCH  | EXEC     | A1 | V      | 72    | 86      | 1      | 5/29/92 | 9:53:27  | SPC2  |
| FGET     | EXEC     | A2 | V      | 65    | 45      | 1      | 5/29/92 | 9:50:07  | SPC2  |
| RUNDAEMO | EXEC     | A1 | V      | 65    | 21      | 1      | 4/30/92 | 14:53:48 | SPC2  |

Some?? were user exits called by the WWW server??

The following 9 files were also visible to users:

| FileName | Filetype  | Fm | Format | LRECL | Records | Blocks | Date    | Time     | Label |
|----------|-----------|----|--------|-------|---------|--------|---------|----------|-------|
| WWWTEST  | HISTORY   | A6 | V      | 79    | 542     | 9      | 6/30/92 | 10:12:16 | SPC2  |
| WWWTEST  | OWNERS    | A2 | V      | 27    | 49      | 1      | 6/30/92 | 10:12:16 | SPC2  |
| WHEREIS  | HELP      | A1 | V      | 72    | 37      | 1      | 5/21/92 | 13:20:19 | SPC2  |
| PARTICLE | HELP      | A1 | F      | 80    | 3       | 1      | 5/02/92 | 15:35:05 | SPC2  |
| WWWTEST  | INST\$VAR | A2 | V      | 19    | 6       | 1      | 4/29/92 | 13:20:53 | SPC2  |
| WWWTEST  | STAFF     | A1 | F      | 80    | 6       | 1      | 4/29/92 | 13:14:09 | SPC2  |
| DUMMY    | FILE      | A1 | F      | 80    | 1       | 1      | 4/10/92 | 15:10:54 | SPC2  |
| WWWTEST  | NEWSLIST  | A2 | V      | 71    | 2       | 1      | 4/23/86 | 14:02:17 | SPC2  |
| WWWTEST  | LASTNEWS  | A2 | V      | 26    | 1       | 1      | 5/14/85 | 11:29:18 | SPC2  |

Files with filetype HELP were linked by Web pages. Files with filename WWWTEST were used by the INSTALL process.

Note that just about the second earliest restoration of a WWW minidisk to UNIX /archive space was done for WWWTEST 192 from RL1384 on 11/8/96 (see file winters.jcw /afs/slac.stanford.edu/www/archive/1992/SLACVM/wwwtest/192/rl1384/1996recover/). For unknown reasons, all non-user-visible files (the obsolete files INSTALL had renamed to include "at" [@] signs or CORPSE) are missing. See the /1996recover subdirectory for the extant files relating to the 1996 RECOVER operation including a very terse README and four other migration files dated 1996, 1997, and 1998.

The list of extant <=7/7/92 filenames in the /1996recover subdirectory seems to match those user-visible "test" filenames recovered 7/11/98 (36 total). Compare the UNIX /1996recover/winters.ls and SLACVM visible1992.filelist files. (visible1992.filelist was created by the SLACVM FILELIST command, ALL files not containing an "@" or CORPSE in the name selected, SORTed explicitly by filename, then filetype to make the order similar to the default output from the UNIX "ls" command, and SAVED as file VISIBLE9 FILELIST 7/11/98. 1996recover/winters.ls was created by the UNIX "ls -l" command 7/11/98.)

For a list of all the files recovered plus four files created related to the recovery plus a record of the WINTERS CMS environment in which the recovery occurred (in file CMS PRESERVE), see winters.filelist (created by SAVEing the output of a FILELIST command). A list of all the files on the backup tape (which at 79 seems the same as all the files recovered) is in the batch job output winters.jcw114.

For a list of all the files moved to UNIX (which should include all the files in the winters.filelist file), see winters.ls (which also lists the unix-commands file, plus).

In summary, for more details about the recovery from VM backup and move from SLACVM to SLAC UNIX, see the following files:

README [created in SLACVM about entire migration, named README RL1384WT]  
cms.preserve

wwwtest192.backup  
winters.jcw114  
winters.filelist  
visible1992.filelist

unix-commands [created in UNIX]  
recover1996/winters.ls  
winters.ls

See also files in subdirectory /afs/slac/www/archive/SLACVM for generally applicable information, e.g., information about SLAC's INSTALL model and command including the meaning of the files with [n]@filetype.

12 Jul 1998

Joan M. Winters

Upd 19 Jul 1998: one JCW112 to JCW114, backup copy #71 to #32, one batch job submission date from 7/8/98 to 7/11/98, one WWW to WWWTEST minidisk. [The problems of adapting previous READMEs, especially when one's tired. :- ( ]



# Index

## of /archive/1992/SLACVM/wwwtest/192/rl1384/1996recover

| <u>Name</u>                                                                                                        | <u>Last modified</u> | <u>Size</u> | <u>Description</u> |
|--------------------------------------------------------------------------------------------------------------------|----------------------|-------------|--------------------|
|  <a href="#">Parent Directory</a> | 11-Jul-1998 23:59    | -           |                    |
|  <a href="#">README</a>           | 25-Jan-1997 22:50    | 1k          |                    |
|  <a href="#">WARNING</a>          | 21-Dec-1997 19:19    | 1k          |                    |
|  <a href="#">biblio.html</a>      | 30-Jun-1992 03:10    | 1k          |                    |
|  <a href="#">biblio.index</a>     | 30-Jun-1992 03:10    | 1k          |                    |
|  <a href="#">books.html</a>       | 01-May-1992 06:46    | 1k          |                    |
|  <a href="#">books.index</a>      | 01-May-1992 06:48    | 1k          |                    |
|  <a href="#">conf.html</a>        | 02-May-1992 10:05    | 1k          |                    |
|  <a href="#">conf.index</a>       | 02-May-1992 10:07    | 1k          |                    |
|  <a href="#">default.html</a>     | 01-May-1992 06:26    | 1k          |                    |
|  <a href="#">defaultx.html</a>   | 27-Jun-1992 04:03    | 1k          |                    |
|  <a href="#">dummy.file</a>     | 10-Apr-1992 08:10    | 1k          |                    |
|  <a href="#">experi.html</a>    | 01-May-1992 06:27    | 1k          |                    |
|  <a href="#">experi.index</a>   | 01-May-1992 06:08    | 1k          |                    |
|  <a href="#">experime.index</a> | 02-May-1992 11:40    | 1k          |                    |
|  <a href="#">fget.exec</a>      | 29-May-1992 02:50    | 1k          |                    |
|  <a href="#">fsearch.exec</a>   | 29-May-1992 02:53    | 3k          |                    |
|  <a href="#">getwhere.exec</a>  | 03-Jun-1992 09:40    | 4k          |                    |
|  <a href="#">hep.html</a>       | 30-Apr-1992 07:52    | 1k          |                    |
|  <a href="#">hepnames.html</a>  | 02-May-1992 10:38    | 1k          |                    |
|  <a href="#">hepnames.index</a> | 02-May-1992 10:36    | 1k          |                    |
|  <a href="#">institut.html</a>  | 02-May-1992 10:22    | 1k          |                    |
|  <a href="#">institut.index</a> | 02-May-1992 10:25    | 1k          |                    |
|  <a href="#">particle.help</a>  | 02-May-1992 08:35    | 1k          |                    |
|  <a href="#">particle.html</a>  | 02-May-1992 08:55    | 1k          |                    |
|  <a href="#">particle.index</a> | 02-May-1992 08:50    | 1k          |                    |
|  <a href="#">rundaemo.exec</a>  | 30-Apr-1992 07:53    | 1k          |                    |
|  <a href="#">spires.html</a>    | 30-Apr-1992 07:52    | 1k          |                    |
|  <a href="#">stores.html</a>    | 30-Apr-1992 07:52    | 1k          |                    |

|                                                                                   |                                   |                   |     |
|-----------------------------------------------------------------------------------|-----------------------------------|-------------------|-----|
|  | <a href="#">whereis.help</a>      | 21-May-1992 06:20 | 2k  |
|  | <a href="#">whereis.html</a>      | 04-May-1992 06:21 | 1k  |
|  | <a href="#">whereis.index</a>     | 13-May-1992 04:43 | 2k  |
|  | <a href="#">winters.jcw092</a>    | 08-Nov-1996 04:28 | 37k |
|  | <a href="#">winters.ls</a>        | 11-Jul-1998 21:42 | 3k  |
|  | <a href="#">wwwtest.192</a>       | 08-Nov-1996 04:50 | 3k  |
|  | <a href="#">wwwtest.history</a>   | 30-Jun-1992 03:12 | 33k |
|  | <a href="#">wwwtest.inst\$var</a> | 29-Apr-1992 06:20 | 1k  |
|  | <a href="#">wwwtest.lastnews</a>  | 14-May-1985 04:29 | 1k  |
|  | <a href="#">wwwtest.newslst</a>   | 23-Apr-1986 06:02 | 1k  |
|  | <a href="#">wwwtest.owners</a>    | 30-Jun-1992 03:12 | 1k  |
|  | <a href="#">wwwtest.staff</a>     | 29-Apr-1992 06:14 | 1k  |
|  | <a href="#">xwhere.html</a>       | 03-Jun-1992 09:35 | 1k  |

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From the oldest backup tape for WWWTEST 192 (CMS RECOVER):

32 ) WWWTEST 0192 dumped to file 64 of tape RL1384 on 07/07/92 at 23:26:00

Joan Winters, 25 Jan 1997



# Index

## of /archive/1992/SLACVIM/wwwtest/192/r11547

| Name                                                                                                               | Last modified     | Size | Description |
|--------------------------------------------------------------------------------------------------------------------|-------------------|------|-------------|
|  <a href="#">Parent Directory</a> | 13-Feb-1997 18:17 | -    |             |
|  <a href="#">README</a>           | 13-Feb-1997 20:21 | 2k   |             |
|  <a href="#">acget.1@exec</a>     | 20-Aug-1992 02:38 | 4k   |             |
|  <a href="#">acget.2@exec</a>     | 20-Aug-1992 02:10 | 4k   |             |
|  <a href="#">acget.@exec</a>      | 20-Aug-1992 02:48 | 4k   |             |
|  <a href="#">acget.exec</a>       | 20-Aug-1992 02:53 | 4k   |             |
|  <a href="#">apsnews.html</a>     | 11-Sep-1992 15:12 | 3k   |             |
|  <a href="#">dummy.file</a>       | 10-Apr-1992 08:10 | 1k   |             |
|  <a href="#">fget.1@exec</a>      | 20-Aug-1992 02:12 | 2k   |             |
|  <a href="#">fget.@exec</a>      | 20-Aug-1992 02:35 | 2k   |             |
|  <a href="#">fget.exec</a>      | 24-Aug-1992 02:11 | 2k   |             |
|  <a href="#">fsearch.exec</a>   | 16-Sep-1992 06:55 | 3k   |             |
|  <a href="#">prget.1@exec</a>   | 24-Aug-1992 06:08 | 1k   |             |
|  <a href="#">prget.2@exec</a>   | 24-Aug-1992 02:38 | 1k   |             |
|  <a href="#">prget.3@exec</a>   | 24-Aug-1992 02:27 | 1k   |             |
|  <a href="#">prget.4@exec</a>   | 24-Aug-1992 02:26 | 1k   |             |
|  <a href="#">prget.5@exec</a>   | 24-Aug-1992 02:23 | 1k   |             |
|  <a href="#">prget.@exec</a>    | 24-Aug-1992 08:49 | 1k   |             |
|  <a href="#">prget.exec</a>     | 24-Aug-1992 08:53 | 1k   |             |
|  <a href="#">slac.1@html</a>    | 20-Aug-1992 03:02 | 3k   |             |
|  <a href="#">slac.2@html</a>    | 20-Aug-1992 02:15 | 3k   |             |
|  <a href="#">slac.@html</a>     | 20-Aug-1992 03:06 | 3k   |             |
|  <a href="#">slac.html</a>      | 24-Aug-1992 02:10 | 3k   |             |
|  <a href="#">sldget.1@exec</a>  | 18-Aug-1992 12:41 | 6k   |             |
|  <a href="#">sldget.2@exec</a>  | 18-Aug-1992 12:25 | 5k   |             |
|  <a href="#">sldget.3@exec</a>  | 18-Aug-1992 11:46 | 4k   |             |
|  <a href="#">sldget.4@exec</a>  | 18-Aug-1992 11:34 | 4k   |             |
|  <a href="#">sldget.5@exec</a>  | 18-Aug-1992 11:30 | 4k   |             |
|  <a href="#">sldget.@exec</a>   | 18-Aug-1992 12:51 | 6k   |             |
|  <a href="#">sldget.exec</a>    | 18-Aug-1992 12:57 | 6k   |             |

|                                                                                   |                                   |                   |     |
|-----------------------------------------------------------------------------------|-----------------------------------|-------------------|-----|
|  | <a href="#">todo.1@html</a>       | 20-Aug-1992 08:28 | 1k  |
|  | <a href="#">todo.@html</a>        | 20-Aug-1992 08:28 | 1k  |
|  | <a href="#">todo.html</a>         | 02-Sep-1992 07:02 | 1k  |
|  | <a href="#">winters.filelist</a>  | 13-Feb-1997 11:10 | 4k  |
|  | <a href="#">winters.jcw105</a>    | 13-Feb-1997 10:24 | 21k |
|  | <a href="#">wwwtest.192</a>       | 13-Feb-1997 07:27 | 2k  |
|  | <a href="#">wwwtest.@staff</a>    | 29-Apr-1992 06:14 | 1k  |
|  | <a href="#">wwwtest.history</a>   | 16-Sep-1992 06:57 | 49k |
|  | <a href="#">wwwtest.inst\$var</a> | 29-Apr-1992 06:20 | 1k  |
|  | <a href="#">wwwtest.lastnews</a>  | 14-May-1985 04:29 | 1k  |
|  | <a href="#">wwwtest.newslst</a>   | 23-Apr-1986 06:02 | 1k  |
|  | <a href="#">wwwtest.owners</a>    | 08-Sep-1992 13:03 | 1k  |
|  | <a href="#">wwwtest.staff</a>     | 08-Sep-1992 12:59 | 1k  |

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File is: /afs/slac.stanford.edu/www/archive/1992/SLACVM/wwwtest/192/rl1547/README.

All files from the most recent surviving backup tape for WWWTEST 192 after Tony Johnson created the first SLAC HTML page:

29 ) WWWTEST 0192 dumped to file 71 of tape RL1547 on 10/07/92 at 05:06:26

Of a total of 38 files on SLACVM WWWTEST 192 then, 3 were visible test pages, where a "page" is a file containing HTML and named either "HTML" or "INDEX". A file with "@" in its file type is an older version of the file than was current when the backup tape was created.

Here are the visible test pages:

|         |      |      |     |    |   |                  |
|---------|------|------|-----|----|---|------------------|
| APSNEWS | HTML | X1 V | 73  | 61 | 1 | 9/11/92 22:12:40 |
| TODO    | HTML | X1 F | 80  | 9  | 1 | 9/02/92 14:02:1  |
| SLAC    | HTML | X1 V | 113 | 74 | 1 | 8/24/92 9:10:28  |

The files were retrieved from the backup tape listed in file WWWTEST 192 via a VM BATCH job submitted and run 13 Feb 1997. (See spooled console file WINTERS JCW105.)

A VM CMS LISTFILE of the retrieved files is in file WINTERS FILELIST. All these files were moved to the UNIX AFS subdirectory given at the top of this README file on 13 Feb 1997.

NB: The WWWTEST 192 minidisk contained only the set of files being tested. To use (e.g., have ~all SLACVM links work), you also needed to have the WWW 192 minidisk in your search order after the WWWTEST 192 minidisk.

According to the file WWWTEST HISTORY, the actual first SLAC HTML page had been INSTALLED about a month previously on WWWTEST 192:

```
28Jul92 19:38:39 TONYJ   ADD /OWN SLAC   HTML      TDISK      195$
New
```

but we no longer have that backup tape.

Joan M. Winters

10-10-10

1993

SLAC ARCHIVES COLL. 00-072  
SERIAL 10 SUBSERIAL 3  
BOX 1 FOLDER 9



# Index of /archive/1993

| <u>Name</u>                                                                                                          | <u>Last modified</u> | <u>Size</u> | <u>Description</u> |
|----------------------------------------------------------------------------------------------------------------------|----------------------|-------------|--------------------|
|  <a href="#">Parent Directory</a>   | 25-Oct-2000 21:14    | -           |                    |
|  <a href="#">SLACVM/</a>            | 27-Jan-1997 20:37    | -           |                    |
|  <a href="#">news-bfac-decision</a> | 09-Nov-1995 14:07    | 17k         |                    |
|  <a href="#">slacvoid.@html</a>     | 03-Nov-1993 11:19    | 1k          |                    |
|  <a href="#">slacvoid.html</a>      | 03-Nov-1993 11:26    | 1k          |                    |

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# Index of /archive/1993/SLACVIM

| <u>Name</u>                                                                                                        | <u>Last modified</u> | <u>Size</u> | <u>Description</u> |
|--------------------------------------------------------------------------------------------------------------------|----------------------|-------------|--------------------|
|  <a href="#">Parent Directory</a> | 12-Jan-1998 09:25    | -           |                    |
|  <a href="#">www/</a>             | 22-Jul-1998 00:58    | -           |                    |
|  <a href="#">wwwtest/</a>         | 24-Jun-1998 13:13    | -           |                    |

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# Index of /archive/1993/SLACVM/www

| <u>Name</u>                                                                                                        | <u>Last modified</u> | <u>Size</u> | <u>Description</u> |
|--------------------------------------------------------------------------------------------------------------------|----------------------|-------------|--------------------|
|  <a href="#">Parent Directory</a> | 27-Jan-1997 20:37    | -           |                    |
|  <a href="#">191/</a>             | 22-Jul-1998 00:58    | -           |                    |
|  <a href="#">192/</a>             | 09-Jun-1998 16:32    | -           |                    |

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# Index of /archive/1993/SLACVM/www/191

| <u>Name</u>                                                                                                        | <u>Last modified</u> | <u>Size</u> | <u>Description</u> |
|--------------------------------------------------------------------------------------------------------------------|----------------------|-------------|--------------------|
|  <a href="#">Parent Directory</a> | 22-Jul-1998 00:58    | -           |                    |
|  <a href="#">rl2536/</a>          | 22-Jul-1998 01:18    | -           |                    |

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# Index

## of /archive/1993/SLACVIM/www/191/rl2536

| Name                                                                                                                 | Last modified     | Size | Description |
|----------------------------------------------------------------------------------------------------------------------|-------------------|------|-------------|
|  <a href="#">Parent Directory</a>   | 22-Jul-1998 00:58 | -    |             |
|  <a href="#">README</a>             | 21-Jul-1998 18:11 | 5k   |             |
|  <a href="#">cms.exec</a>           | 30-Apr-1992 07:48 | 1k   |             |
|  <a href="#">cms.preserve</a>       | 21-Jul-1998 17:48 | 1k   |             |
|  <a href="#">daemon.log</a>         | 05-Jan-1993 06:52 | 626k |             |
|  <a href="#">htdaemon.module</a>    | 15-Dec-1992 11:52 | 152k |             |
|  <a href="#">profile.exec</a>       | 28-Sep-1992 01:42 | 1k   |             |
|  <a href="#">profile.xedit</a>      | 23-Feb-1992 09:48 | 2k   |             |
|  <a href="#">rundaemo.exec</a>      | 15-Dec-1992 13:29 | 1k   |             |
|  <a href="#">rundisc.exec</a>      | 11-May-1992 12:15 | 1k   |             |
|  <a href="#">unix-commands</a>    | 22-Jul-1998 01:21 | 3k   |             |
|  <a href="#">unread.notebook</a>  | 26-Feb-1992 04:43 | 1k   |             |
|  <a href="#">winters.filelist</a> | 21-Jul-1998 18:15 | 1k   |             |
|  <a href="#">winters.jcw118</a>   | 21-Jul-1998 18:03 | 11k  |             |
|  <a href="#">winters.ls</a>       | 22-Jul-1998 01:18 | 1k   |             |
|  <a href="#">www.lastnews</a>     | 30-Apr-1992 06:47 | 1k   |             |
|  <a href="#">www.netlog</a>       | 15-Dec-1992 11:53 | 1k   |             |
|  <a href="#">www191.backup</a>    | 21-Jul-1998 16:24 | 8k   |             |

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File /afs/slac.stanford.edu/www/archive/1993/SLACVM/www/191/rl2536/README

On 22 Jul 1998 restored currently existing backup copy #105 (on tape cartridge RL2536) of userid WWW minidisk 191 via the CMS RECOVER command to WINTERS virtual reader, and from there to WINTERS 293 (a SPACE TEMPDISK linked as WINTERS 293 but has vaddr 203 due to typo :-( ) using a "RECEIVE / (OLDDATE" command within RDRLIST. The VM backup tape was taken 1/5/93.

Then copied all the RECOVERed files plus five files on the recovery and migration process from SLACVM to UNIX. Used an NFS mount?? in UNIX of the SLACVM WINTERS 293 minidisk, followed by a UNIX copy of all those files to the subdirectory /afs/slac.stanford.edu/www/archive/1993/SLACVM/www/191/rl2536. (A summary of UNIX commands is in file unix-commands.)

WWW 191 is the proto-production minidisk for basic WWW code in SLACVM. Note that other code at least came to reside on the SLACVM Udisk and on the WWW 192 and WWWTEST 191 and 192 minidisks. WWW 191 is not an "INSTALL" disk.

More specifically, from the CMS RECOVER list of backup tapes on 7/21/98 selected:

105 ) WWW 0191 dumped to file 75 of tape RL2536 on 01/05/93 at 21:50:07

See file www191.backup for the entire list of currently existing backups (created from XSHOW capture of RECOVER command output). Note that I named earlier files like this that contained a backup list e.g., www.191. The new format is intended to make the origin of the information immediately clear.

RECOVER submitted VM batch job JCW118 from userid WINTERS on 7/22/98. The job was run shortly afterwards. Its batch console output is in file winters.jcw118.

There were a total of 10 files on the SLACVM WWW 191 minidisk of 1/5/93 including a usage log, DAEMON LOG. In inverse chronological order since last update, here are the files (from "FILELIST (STATS" command output\*):

| Filename | Filetype | Fm | Format | LRECL | Records | Blocks | Date     | Time     | Labe |
|----------|----------|----|--------|-------|---------|--------|----------|----------|------|
| DAEMON   | LOG      | A1 | V      | 3585  | 8806    | 159    | 1/05/93  | 14:52:23 | SPC2 |
| RUNDAEMO | EXEC     | A1 | V      | 65    | 22      | 1      | 12/15/92 | 21:29:19 | SPC2 |
| WWW      | NETLOG   | A0 | V      | 104   | 1       | 1      | 12/15/92 | 19:53:15 | SPC2 |
| HTDAEMON | MODULE   | A1 | V      | 65535 | 6       | 39     | 12/15/92 | 19:52:44 | SPC2 |
| PROFILE  | EXEC     | A2 | V      | 65    | 15      | 1      | 9/28/92  | 8:42:02  | SPC2 |
| RUNDISC  | EXEC     | A1 | V      | 15    | 3       | 1      | 5/11/92  | 19:15:23 | SPC2 |
| CMS      | EXEC     | A1 | F      | 80    | 8       | 1      | 4/30/92  | 14:48:58 | SPC2 |
| WWW      | LASTNEWS | A1 | V      | 12    | 1       | 1      | 4/30/92  | 13:47:46 | SPC2 |
| UNREAD   | NOTEBOOK | A0 | V      | 4     | 1       | 1      | 2/26/92  | 12:43:58 | SPC2 |
| PROFILE  | XEDIT    | A0 | V      | 72    | 43      | 1      | 2/23/92  | 17:48:40 | SPC2 |

The WWW 191 minidisk contained code that was accessed via the default port :80.

\* As defined in "HELP CMS FILELIST", the STATS option produces

the following output:

#### STAts

lists the following information about the specified files:

- o File identifier or directory identifier
- o Format and logical record length of the file
- o Number of records and number of blocks in the file
- o Date and time of last update.

See the "Examples" for a sample display using the STATS option.

To find fairly often the author(s) of one of these executable files:

- o Look in comments near the top (or bottom) for an EXEC's "owner", the person(s) with primary responsibility for the file at the time the file was created or most recently updated before this backup was made.

For a list of all the files recovered plus three files created related to the recovery plus a record of the WINTERS CMS environment in which the recovery occurred (in file CMS PRESERVE), see winters.filelist (created by SAVEing the output of a FILELIST command). A list of all the files on the backup tape (which seems to be the same as all the files recovered) is in the batch job output winters.jcw118.

For a list of all the files moved to UNIX (which should include all the files in the winters.filelist file), see winters.ls (which also lists the unix-commands file, plus).

In summary, for more details about the recovery from VM backup and move from SLACVM to SLAC UNIX, see the following files:

README [created in SLACVM about entire migration, named README RL2536]  
cms.preserve

www191.backup  
winters.jcw118  
winters.filelist

unix-commands [created in UNIX]  
winters.ls

See also files in subdirectory /afs/slac/www/archive/SLACVM for generally applicable information.

22 Jul 1998

Joan M. Winters

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| <u>Name</u>                                                                                                        | <u>Last modified</u> | <u>Size</u> | <u>Description</u> |
|--------------------------------------------------------------------------------------------------------------------|----------------------|-------------|--------------------|
|  <a href="#">Parent Directory</a> | 22-Jul-1998 00:58    | -           |                    |
|  <a href="#">r12535/</a>          | 09-Jun-1998 19:38    | -           |                    |
|  <a href="#">r12971/</a>          | 23-Feb-2000 01:25    | -           |                    |

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| Name                                                                                                                | Last modified     | Size | Description |
|---------------------------------------------------------------------------------------------------------------------|-------------------|------|-------------|
|  <a href="#">Parent Directory</a>  | 09-Jun-1998 16:32 | -    |             |
|  <a href="#">apsnews.html</a>      | 18-Aug-1992 03:58 | 3k   |             |
|  <a href="#">biblio.html</a>       | 18-Aug-1992 03:58 | 1k   |             |
|  <a href="#">biblio.index</a>      | 30-Jun-1992 03:10 | 1k   |             |
|  <a href="#">binlist.1@html</a>    | 09-Mar-1992 03:36 | 1k   |             |
|  <a href="#">binlist.@html</a>     | 30-Apr-1992 07:16 | 1k   |             |
|  <a href="#">binlist.@index</a>    | 27-Feb-1992 06:54 | 1k   |             |
|  <a href="#">binlist.help</a>      | 06-Mar-1992 07:47 | 1k   |             |
|  <a href="#">binlist.html</a>      | 28-May-1992 09:29 | 1k   |             |
|  <a href="#">binlist.index</a>     | 30-Nov-1992 06:23 | 1k   |             |
|  <a href="#">books.html</a>       | 18-Aug-1992 04:01 | 1k   |             |
|  <a href="#">books.index</a>     | 01-May-1992 06:48 | 1k   |             |
|  <a href="#">conf.html</a>       | 18-Aug-1992 04:01 | 1k   |             |
|  <a href="#">conf.index</a>      | 02-May-1992 10:07 | 1k   |             |
|  <a href="#">default.1@html</a>  | 18-Mar-1992 08:07 | 1k   |             |
|  <a href="#">default.@html</a>   | 30-Apr-1992 07:17 | 1k   |             |
|  <a href="#">default.html</a>    | 18-Aug-1992 04:02 | 1k   |             |
|  <a href="#">defaultx.1@html</a> | 18-Mar-1992 08:02 | 1k   |             |
|  <a href="#">defaultx.@html</a>  | 30-Apr-1992 07:16 | 1k   |             |
|  <a href="#">defaultx.html</a>   | 18-Aug-1992 04:00 | 1k   |             |
|  <a href="#">dummy.file</a>      | 10-Apr-1992 08:17 | 1k   |             |
|  <a href="#">experi.@index</a>   | 01-May-1992 06:08 | 1k   |             |
|  <a href="#">experi.html</a>     | 18-Aug-1992 04:00 | 1k   |             |
|  <a href="#">experi.index</a>    | 12-Nov-1992 16:07 | 1k   |             |
|  <a href="#">experime.@index</a> | 02-May-1992 11:40 | 1k   |             |
|  <a href="#">experime.index</a>  | 12-Nov-1992 16:07 | 1k   |             |
|  <a href="#">fget.1@exec</a>     | 23-Sep-1992 05:08 | 2k   |             |
|  <a href="#">fget.2@exec</a>     | 10-May-1992 04:37 | 1k   |             |
|  <a href="#">fget.@exec</a>      | 24-Sep-1992 01:55 | 2k   |             |
|  <a href="#">fget.exec</a>       | 24-Sep-1992 01:57 | 2k   |             |

|                                                                                     |                                 |                   |    |
|-------------------------------------------------------------------------------------|---------------------------------|-------------------|----|
|    | <a href="#">fhadding.@html</a>  | 11-May-1992 04:40 | 1k |
|    | <a href="#">fhadding.html</a>   | 11-May-1992 04:40 | 1k |
|    | <a href="#">fhbenefi.@html</a>  | 10-May-1992 16:46 | 2k |
|    | <a href="#">fhbenefi.html</a>   | 10-May-1992 16:46 | 2k |
|    | <a href="#">fhdbase.@html</a>   | 10-May-1992 16:54 | 3k |
|    | <a href="#">fhdbase.html</a>    | 10-May-1992 16:54 | 3k |
|    | <a href="#">fheditor.1@html</a> | 11-May-1992 04:43 | 2k |
|    | <a href="#">fheditor.@html</a>  | 11-May-1992 04:43 | 2k |
|    | <a href="#">fheditor.html</a>   | 15-Sep-1992 12:40 | 2k |
|    | <a href="#">fhemail.html</a>    | 15-Sep-1992 12:37 | 1k |
|    | <a href="#">fhftp.@html</a>     | 30-Apr-1992 15:47 | 1k |
|    | <a href="#">fhftp.html</a>      | 30-Apr-1992 15:47 | 1k |
|    | <a href="#">fhget.1@exec</a>    | 28-Sep-1992 03:21 | 9k |
|    | <a href="#">fhget.2@exec</a>    | 28-Sep-1992 03:14 | 9k |
|   | <a href="#">fhget.@exec</a>     | 28-Sep-1992 03:24 | 9k |
|  | <a href="#">fhget.exec</a>      | 28-Sep-1992 06:28 | 9k |
|  | <a href="#">fhimpl.1@html</a>   | 10-May-1992 17:08 | 1k |
|  | <a href="#">fhimpl.@html</a>    | 10-May-1992 17:08 | 1k |
|  | <a href="#">fhimpl.html</a>     | 10-Sep-1992 12:19 | 1k |
|  | <a href="#">fhimprov.html</a>   | 15-Sep-1992 12:59 | 1k |
|  | <a href="#">fhmain.1@html</a>   | 10-May-1992 11:02 | 2k |
|  | <a href="#">fhmain.@html</a>    | 17-May-1992 12:15 | 2k |
|  | <a href="#">fhmain.html</a>     | 15-Sep-1992 13:01 | 3k |
|  | <a href="#">fhnarrow.@html</a>  | 10-May-1992 17:07 | 1k |
|  | <a href="#">fhnarrow.html</a>   | 17-May-1992 12:20 | 1k |
|  | <a href="#">fhref1.@html</a>    | 10-May-1992 17:07 | 1k |
|  | <a href="#">fhref1.html</a>     | 10-May-1992 17:07 | 1k |
|  | <a href="#">fhscri.1@html</a>   | 10-May-1992 12:01 | 1k |
|  | <a href="#">fhscri.2@html</a>   | 10-May-1992 12:01 | 1k |
|  | <a href="#">fhscri.@html</a>    | 15-Nov-1992 11:49 | 1k |
|  | <a href="#">fhscri.html</a>     | 15-Nov-1992 12:10 | 1k |
|  | <a href="#">fhsearch.@exec</a>  | 10-May-1992 10:53 | 2k |
|  | <a href="#">fhsearch.exec</a>   | 17-May-1992 12:02 | 2k |
|  | <a href="#">fhspires.@html</a>  | 10-May-1992 17:23 | 1k |
|  | <a href="#">fhspires.html</a>   | 17-May-1992 12:19 | 1k |

|                                                                                     |                                  |                   |      |
|-------------------------------------------------------------------------------------|----------------------------------|-------------------|------|
|    | <a href="#">fhsubjs.1@html</a>   | 07-May-1992 09:39 | 2k   |
|    | <a href="#">fhsubjs.@html</a>    | 17-May-1992 12:21 | 2k   |
|    | <a href="#">fhsubjs.html</a>     | 15-Sep-1992 12:35 | 2k   |
|    | <a href="#">fhtutor.html</a>     | 15-Sep-1992 12:57 | 1k   |
|    | <a href="#">fsearch.1@exec</a>   | 18-Aug-1992 04:22 | 3k   |
|    | <a href="#">fsearch.2@exec</a>   | 17-Aug-1992 02:22 | 3k   |
|    | <a href="#">fsearch.@exec</a>    | 16-Sep-1992 06:55 | 3k   |
|    | <a href="#">fsearch.exec</a>     | 30-Oct-1992 06:02 | 3k   |
|    | <a href="#">getwhere.exec</a>    | 03-Jun-1992 09:40 | 4k   |
|    | <a href="#">hep.1@html</a>       | 09-Mar-1992 03:36 | 1k   |
|    | <a href="#">hep.1@index</a>      | 17-Aug-1992 18:56 | 1k   |
|    | <a href="#">hep.2@index</a>      | 27-Feb-1992 05:26 | 1k   |
|    | <a href="#">hep.@help</a>        | 06-Mar-1992 07:47 | 1k   |
|    | <a href="#">hep.@html</a>        | 30-Apr-1992 07:17 | 1k   |
|   | <a href="#">hep.@index</a>       | 12-Nov-1992 16:19 | 1k   |
|  | <a href="#">hep.help</a>         | 17-Aug-1992 19:07 | 27k  |
|  | <a href="#">hep.html</a>         | 18-Aug-1992 04:00 | 1k   |
|  | <a href="#">hep.index</a>        | 04-Dec-1992 16:01 | 1k   |
|  | <a href="#">hepnames.1@index</a> | 02-May-1992 10:36 | 1k   |
|  | <a href="#">hepnames.@index</a>  | 30-Nov-1992 04:58 | 1k   |
|  | <a href="#">hepnames.html</a>    | 18-Aug-1992 04:00 | 1k   |
|  | <a href="#">hepnames.index</a>   | 04-Dec-1992 16:15 | 1k   |
|  | <a href="#">hlmain.1@html</a>    | 17-May-1992 12:22 | 2k   |
|  | <a href="#">hlmain.2@html</a>    | 11-May-1992 04:09 | 2k   |
|  | <a href="#">hlmain.@html</a>     | 20-Aug-1992 08:16 | 2k   |
|  | <a href="#">hlmain.html</a>      | 20-Aug-1992 08:18 | 2k   |
|  | <a href="#">hlsteer.1@html</a>   | 11-May-1992 03:38 | 1k   |
|  | <a href="#">hlsteer.2@html</a>   | 11-May-1992 03:38 | 1k   |
|  | <a href="#">hlsteer.@html</a>    | 20-Aug-1992 06:22 | 1k   |
|  | <a href="#">hlsteer.html</a>     | 20-Aug-1992 06:23 | 1k   |
|  | <a href="#">htdaemon.module</a>  | 05-Dec-1991 08:03 | 128k |
|  | <a href="#">institut.@index</a>  | 02-May-1992 10:25 | 1k   |
|  | <a href="#">institut.html</a>    | 18-Aug-1992 04:01 | 1k   |
|  | <a href="#">institut.index</a>   | 30-Nov-1992 06:27 | 1k   |
|  | <a href="#">particle.@index</a>  | 02-May-1992 08:50 | 1k   |

|                                                                                     |                                 |                   |     |
|-------------------------------------------------------------------------------------|---------------------------------|-------------------|-----|
|    | <a href="#">particle.help</a>   | 02-May-1992 08:35 | 1k  |
|    | <a href="#">particle.html</a>   | 18-Aug-1992 04:01 | 1k  |
|    | <a href="#">particle.index</a>  | 12-Nov-1992 16:07 | 1k  |
|    | <a href="#">run.exec</a>        | 19-Sep-1991 07:19 | 1k  |
|    | <a href="#">rundaemo.1@exec</a> | 30-Apr-1992 07:25 | 1k  |
|    | <a href="#">rundaemo.2@exec</a> | 06-Nov-1991 09:03 | 1k  |
|    | <a href="#">rundaemo.@exec</a>  | 30-Apr-1992 07:25 | 1k  |
|    | <a href="#">rundaemo.exec</a>   | 30-Apr-1992 07:53 | 1k  |
|    | <a href="#">slac.1@html</a>     | 18-Aug-1992 05:14 | 2k  |
|    | <a href="#">slac.2@html</a>     | 18-Aug-1992 03:58 | 2k  |
|    | <a href="#">slac.@html</a>      | 18-Aug-1992 05:15 | 2k  |
|    | <a href="#">slac.html</a>       | 18-Aug-1992 13:21 | 3k  |
|    | <a href="#">slacspea.html</a>   | 18-Aug-1992 04:01 | 1k  |
|   | <a href="#">slacspea.index</a>  | 17-Aug-1992 17:40 | 1k  |
|  | <a href="#">sldget.1@exec</a>   | 02-Dec-1992 15:03 | 7k  |
|  | <a href="#">sldget.2@exec</a>   | 17-Aug-1992 16:17 | 3k  |
|  | <a href="#">sldget.@exec</a>    | 02-Dec-1992 15:07 | 7k  |
|  | <a href="#">sldget.exec</a>     | 02-Dec-1992 15:10 | 7k  |
|  | <a href="#">smget.exec</a>      | 03-Aug-1992 11:27 | 4k  |
|  | <a href="#">spiremot.module</a> | 29-Oct-1992 06:20 | 6k  |
|  | <a href="#">spires.1@html</a>   | 30-Apr-1992 07:17 | 1k  |
|  | <a href="#">spires.1@index</a>  | 12-Dec-1991 07:59 | 1k  |
|  | <a href="#">spires.2@html</a>   | 10-Mar-1992 02:41 | 1k  |
|  | <a href="#">spires.@html</a>    | 18-Aug-1992 04:01 | 1k  |
|  | <a href="#">spires.@index</a>   | 12-Nov-1992 16:19 | 1k  |
|  | <a href="#">spires.html</a>     | 12-Nov-1992 13:52 | 1k  |
|  | <a href="#">spires.index</a>    | 05-Dec-1992 19:32 | 1k  |
|  | <a href="#">stores.1@html</a>   | 09-Mar-1992 03:36 | 1k  |
|  | <a href="#">stores.@html</a>    | 30-Apr-1992 07:18 | 1k  |
|  | <a href="#">stores.help</a>     | 05-Mar-1992 02:43 | 21k |
|  | <a href="#">stores.html</a>     | 18-Aug-1992 03:59 | 1k  |
|  | <a href="#">stores.index</a>    | 04-Mar-1992 07:51 | 1k  |
|  | <a href="#">whereis.help</a>    | 21-May-1992 06:20 | 2k  |
|  | <a href="#">whereis.html</a>    | 18-Aug-1992 03:59 | 1k  |
|  | <a href="#">whereis.index</a>   | 13-May-1992 04:43 | 2k  |

|                                                                                     |                                  |                   |     |
|-------------------------------------------------------------------------------------|----------------------------------|-------------------|-----|
|    | <a href="#">winters.filelist</a> | 09-Jun-1998 12:30 | 16k |
|    | <a href="#">winters.jcw102</a>   | 09-Jun-1998 12:22 | 65k |
|    | <a href="#">wish.list</a>        | 28-May-1992 04:30 | 1k  |
|    | <a href="#">wizards.1@html</a>   | 20-Aug-1992 08:23 | 1k  |
|    | <a href="#">wizards.2@html</a>   | 18-Aug-1992 03:58 | 1k  |
|    | <a href="#">wizards.@html</a>    | 19-Nov-1992 05:52 | 1k  |
|    | <a href="#">wizards.html</a>     | 19-Nov-1992 06:05 | 1k  |
|    | <a href="#">www.192</a>          | 09-Jun-1998 09:27 | 5k  |
|    | <a href="#">www.1@staff</a>      | 29-Apr-1992 06:14 | 1k  |
|    | <a href="#">www.@staff</a>       | 30-Nov-1992 01:49 | 1k  |
|    | <a href="#">www.files</a>        | 30-Apr-1992 07:21 | 1k  |
|    | <a href="#">www.history</a>      | 05-Dec-1992 19:33 | 14k |
|    | <a href="#">www.inst\$var</a>    | 29-Apr-1992 10:38 | 1k  |
|    | <a href="#">www.lastnews</a>     | 14-May-1985 04:29 | 1k  |
|   | <a href="#">www.newslst</a>      | 23-Apr-1986 06:02 | 1k  |
|  | <a href="#">www.owners</a>       | 04-Dec-1992 09:35 | 1k  |
|  | <a href="#">www.staff</a>        | 04-Dec-1992 09:28 | 1k  |
|  | <a href="#">xwhere.html</a>      | 18-Aug-1992 03:58 | 1k  |

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| Name                                                                                                                 | Last modified     | Size | Description |
|----------------------------------------------------------------------------------------------------------------------|-------------------|------|-------------|
|  <a href="#">Parent Directory</a>   | 09-Jun-1998 16:32 | -    |             |
|  <a href="#">09211461.corpse</a>    | 23-Apr-1993 08:32 | 9k   |             |
|  <a href="#">09211487.corpse</a>    | 07-Sep-1993 13:49 | 9k   |             |
|  <a href="#">09211495.corpse</a>    | 23-Apr-1993 08:26 | 9k   |             |
|  <a href="#">09230935.corpse</a>    | 01-Sep-1993 09:17 | 1k   |             |
|  <a href="#">09301871.corpse</a>    | 04-Dec-1992 09:28 | 1k   |             |
|  <a href="#">09301889.corpse</a>    | 08-Sep-1993 02:02 | 2k   |             |
|  <a href="#">09302108.corpse</a>    | 30-Sep-1993 11:24 | 2k   |             |
|  <a href="#">09302181.corpse</a>    | 18-Aug-1992 03:58 | 1k   |             |
|  <a href="#">09302260.corpse</a>    | 20-Aug-1992 08:23 | 1k   |             |
|  <a href="#">09302302.corpse</a>   | 30-Sep-1993 14:55 | 2k   |             |
|  <a href="#">10012147.corpse</a>  | 17-Aug-1993 13:19 | 80k  |             |
|  <a href="#">10020044.corpse</a>  | 30-Sep-1993 16:27 | 2k   |             |
|  <a href="#">10020101.corpse</a>  | 01-Oct-1993 17:43 | 2k   |             |
|  <a href="#">10020107.corpse</a>  | 19-Nov-1992 05:52 | 1k   |             |
|  <a href="#">10020157.corpse</a>  | 19-Nov-1992 06:05 | 1k   |             |
|  <a href="#">10020199.corpse</a>  | 01-Oct-1993 18:09 | 2k   |             |
|  <a href="#">README</a>           | 27-Jan-1997 20:47 | 5k   |             |
|  <a href="#">abstract.1@index</a> | 16-Feb-1993 07:56 | 1k   |             |
|  <a href="#">abstract.@index</a>  | 21-Mar-1993 05:35 | 1k   |             |
|  <a href="#">abstract.html</a>    | 26-Jan-1993 02:22 | 1k   |             |
|  <a href="#">abstract.index</a>   | 23-Mar-1993 15:30 | 1k   |             |
|  <a href="#">biblio.html</a>      | 18-Aug-1992 03:58 | 1k   |             |
|  <a href="#">biblio.index</a>     | 30-Jun-1992 03:10 | 1k   |             |
|  <a href="#">binlist.1@html</a>   | 09-Mar-1992 03:36 | 1k   |             |
|  <a href="#">binlist.1@index</a>  | 30-Jan-1993 13:19 | 1k   |             |
|  <a href="#">binlist.2@index</a>  | 30-Nov-1992 06:23 | 1k   |             |
|  <a href="#">binlist.@html</a>    | 30-Apr-1992 07:16 | 1k   |             |
|  <a href="#">binlist.@index</a>   | 30-Jan-1993 14:13 | 1k   |             |
|  <a href="#">binlist.help</a>     | 06-Mar-1992 07:47 | 1k   |             |

|                                                                                     |                                  |                   |    |
|-------------------------------------------------------------------------------------|----------------------------------|-------------------|----|
|    | <a href="#">binlist.html</a>     | 28-May-1992 09:29 | 1k |
|    | <a href="#">binlist.index</a>    | 15-Feb-1993 11:19 | 1k |
|    | <a href="#">books.1@index</a>    | 30-Jan-1993 13:18 | 1k |
|    | <a href="#">books.2@index</a>    | 01-May-1992 06:48 | 1k |
|    | <a href="#">books.@index</a>     | 30-Jan-1993 14:13 | 1k |
|    | <a href="#">books.html</a>       | 18-Aug-1992 04:01 | 1k |
|    | <a href="#">books.index</a>      | 15-Feb-1993 11:19 | 1k |
|    | <a href="#">bull11.html</a>      | 08-Feb-1993 14:01 | 1k |
|    | <a href="#">bull14.html</a>      | 08-Feb-1993 13:58 | 1k |
|    | <a href="#">bull7.html</a>       | 08-Feb-1993 14:00 | 1k |
|    | <a href="#">conf.1@index</a>     | 30-Jan-1993 13:03 | 1k |
|    | <a href="#">conf.2@index</a>     | 02-May-1992 10:07 | 1k |
|    | <a href="#">conf.@index</a>      | 30-Jan-1993 14:14 | 1k |
|    | <a href="#">conf.html</a>        | 18-Aug-1992 04:01 | 1k |
|    | <a href="#">conf.index</a>       | 15-Feb-1993 11:18 | 1k |
|   | <a href="#">default.1@html</a>   | 18-Aug-1992 04:02 | 1k |
|  | <a href="#">default.2@html</a>   | 30-Apr-1992 07:17 | 1k |
|  | <a href="#">default.@html</a>    | 28-Jan-1993 03:39 | 1k |
|  | <a href="#">default.html</a>     | 28-Jan-1993 11:35 | 1k |
|  | <a href="#">defaultx.1@html</a>  | 18-Mar-1992 08:02 | 1k |
|  | <a href="#">defaultx.@html</a>   | 30-Apr-1992 07:16 | 1k |
|  | <a href="#">defaultx.html</a>    | 18-Aug-1992 04:00 | 1k |
|  | <a href="#">dummy.file</a>       | 10-Apr-1992 08:17 | 1k |
|  | <a href="#">experi.1@index</a>   | 30-Jan-1993 13:15 | 1k |
|  | <a href="#">experi.2@index</a>   | 12-Nov-1992 16:07 | 1k |
|  | <a href="#">experi.@index</a>    | 30-Jan-1993 14:14 | 1k |
|  | <a href="#">experi.html</a>      | 18-Aug-1992 04:00 | 1k |
|  | <a href="#">experi.index</a>     | 15-Feb-1993 11:18 | 1k |
|  | <a href="#">experime.1@index</a> | 30-Jan-1993 13:15 | 1k |
|  | <a href="#">experime.2@index</a> | 12-Nov-1992 16:07 | 1k |
|  | <a href="#">experime.@index</a>  | 30-Jan-1993 14:14 | 1k |
|  | <a href="#">experime.index</a>   | 15-Feb-1993 11:18 | 1k |
|  | <a href="#">fget.1@exec</a>      | 29-Mar-1993 13:21 | 3k |
|  | <a href="#">fget.2@exec</a>      | 25-Jan-1993 01:39 | 2k |
|  | <a href="#">fget.@exec</a>       | 29-Apr-1993 08:08 | 3k |

|                                                                                     |                                 |                   |    |
|-------------------------------------------------------------------------------------|---------------------------------|-------------------|----|
|    | <a href="#">fget.exec</a>       | 12-May-1993 09:14 | 3k |
|    | <a href="#">fhadding.@html</a>  | 11-May-1992 04:40 | 1k |
|    | <a href="#">fhadding.html</a>   | 11-May-1992 04:40 | 1k |
|    | <a href="#">fhbenefi.@html</a>  | 10-May-1992 16:46 | 2k |
|    | <a href="#">fhbenefi.html</a>   | 10-May-1992 16:46 | 2k |
|    | <a href="#">fhdbase.@html</a>   | 10-May-1992 16:54 | 3k |
|    | <a href="#">fhdbase.html</a>    | 10-May-1992 16:54 | 3k |
|    | <a href="#">fheditor.1@html</a> | 11-May-1992 04:43 | 2k |
|    | <a href="#">fheditor.@html</a>  | 11-May-1992 04:43 | 2k |
|    | <a href="#">fheditor.html</a>   | 15-Sep-1992 12:40 | 2k |
|    | <a href="#">fhemail.html</a>    | 15-Sep-1992 12:37 | 1k |
|    | <a href="#">fhftp.@html</a>     | 30-Apr-1992 15:47 | 1k |
|    | <a href="#">fhftp.html</a>      | 30-Apr-1992 15:47 | 1k |
|    | <a href="#">fhget.1@exec</a>    | 21-Sep-1993 07:38 | 9k |
|    | <a href="#">fhget.2@exec</a>    | 07-Sep-1993 13:53 | 9k |
|   | <a href="#">fhget.@exec</a>     | 21-Sep-1993 07:41 | 9k |
|  | <a href="#">fhget.exec</a>      | 21-Sep-1993 07:43 | 9k |
|  | <a href="#">fhimpl.1@html</a>   | 10-May-1992 17:08 | 1k |
|  | <a href="#">fhimpl.@html</a>    | 10-May-1992 17:08 | 1k |
|  | <a href="#">fhimpl.html</a>     | 10-Sep-1992 12:19 | 1k |
|  | <a href="#">fhimprov.html</a>   | 15-Sep-1992 12:59 | 1k |
|  | <a href="#">fhmain.1@html</a>   | 10-May-1992 11:02 | 2k |
|  | <a href="#">fhmain.@html</a>    | 17-May-1992 12:15 | 2k |
|  | <a href="#">fhmain.html</a>     | 15-Sep-1992 13:01 | 3k |
|  | <a href="#">fhnarrow.@html</a>  | 10-May-1992 17:07 | 1k |
|  | <a href="#">fhnarrow.html</a>   | 17-May-1992 12:20 | 1k |
|  | <a href="#">fhref1.@html</a>    | 10-May-1992 17:07 | 1k |
|  | <a href="#">fhref1.html</a>     | 10-May-1992 17:07 | 1k |
|  | <a href="#">fhscri.1@html</a>   | 10-May-1992 12:01 | 1k |
|  | <a href="#">fhscri.2@html</a>   | 10-May-1992 12:01 | 1k |
|  | <a href="#">fhscri.@html</a>    | 15-Nov-1992 11:49 | 1k |
|  | <a href="#">fhscri.html</a>     | 15-Nov-1992 12:10 | 1k |
|  | <a href="#">fhsearch.1@exec</a> | 17-May-1992 12:02 | 2k |
|  | <a href="#">fhsearch.2@exec</a> | 10-May-1992 10:53 | 2k |
|  | <a href="#">fhsearch.@exec</a>  | 07-Sep-1993 13:42 | 2k |



|                                                                                     |                                  |                   |     |
|-------------------------------------------------------------------------------------|----------------------------------|-------------------|-----|
|    | <a href="#">fhsearch.exec</a>    | 07-Sep-1993 13:48 | 2k  |
|    | <a href="#">fhspires.@html</a>   | 10-May-1992 17:23 | 1k  |
|    | <a href="#">fhspires.html</a>    | 17-May-1992 12:19 | 1k  |
|    | <a href="#">fhsubjs.1@html</a>   | 21-Apr-1993 12:32 | 2k  |
|    | <a href="#">fhsubjs.2@html</a>   | 18-Apr-1993 10:03 | 2k  |
|    | <a href="#">fhsubjs.@html</a>    | 21-Apr-1993 12:35 | 2k  |
|    | <a href="#">fhsubjs.html</a>     | 24-Jun-1993 13:47 | 2k  |
|    | <a href="#">fhtutor.html</a>     | 15-Sep-1992 12:57 | 1k  |
|    | <a href="#">fsearch.1@exec</a>   | 26-Feb-1993 03:23 | 3k  |
|    | <a href="#">fsearch.2@exec</a>   | 26-Feb-1993 03:21 | 3k  |
|    | <a href="#">fsearch.@exec</a>    | 26-Feb-1993 03:27 | 3k  |
|    | <a href="#">fsearch.exec</a>     | 07-Sep-1993 13:48 | 4k  |
|    | <a href="#">getwhere.@exec</a>   | 03-Jun-1992 09:40 | 4k  |
|    | <a href="#">getwhere.exec</a>    | 27-Apr-1993 03:16 | 4k  |
|    | <a href="#">hep.1@html</a>       | 09-Mar-1992 03:36 | 1k  |
|    | <a href="#">hep.1@index</a>      | 15-Feb-1993 11:18 | 1k  |
|   | <a href="#">hep.2@index</a>      | 03-Feb-1993 14:05 | 1k  |
|  | <a href="#">hep.@help</a>        | 06-Mar-1992 07:47 | 1k  |
|  | <a href="#">hep.@html</a>        | 30-Apr-1992 07:17 | 1k  |
|  | <a href="#">hep.@index</a>       | 14-May-1993 15:30 | 1k  |
|  | <a href="#">hep.help</a>         | 17-Aug-1992 19:07 | 27k |
|  | <a href="#">hep.html</a>         | 18-Aug-1992 04:00 | 1k  |
|  | <a href="#">hep.index</a>        | 14-May-1993 15:33 | 1k  |
|  | <a href="#">hepnames.1@index</a> | 03-Feb-1993 13:28 | 1k  |
|  | <a href="#">hepnames.2@index</a> | 03-Feb-1993 13:20 | 1k  |
|  | <a href="#">hepnames.@index</a>  | 15-Feb-1993 11:17 | 1k  |
|  | <a href="#">hepnames.html</a>    | 18-Aug-1992 04:00 | 1k  |
|  | <a href="#">hepnames.index</a>   | 17-Aug-1993 17:42 | 1k  |
|  | <a href="#">hlmain.1@html</a>    | 17-May-1992 12:22 | 2k  |
|  | <a href="#">hlmain.2@html</a>    | 11-May-1992 04:09 | 2k  |
|  | <a href="#">hlmain.@html</a>     | 20-Aug-1992 08:16 | 2k  |
|  | <a href="#">hlmain.html</a>      | 20-Aug-1992 08:18 | 2k  |
|  | <a href="#">hlsteer.1@html</a>   | 11-May-1992 03:38 | 1k  |
|  | <a href="#">hlsteer.2@html</a>   | 11-May-1992 03:38 | 1k  |
|  | <a href="#">hlsteer.@html</a>    | 20-Aug-1992 06:22 | 1k  |

|                                                                                     |                                  |                   |      |
|-------------------------------------------------------------------------------------|----------------------------------|-------------------|------|
|    | <a href="#">hlsteer.html</a>     | 20-Aug-1992 06:23 | 1k   |
|    | <a href="#">htdaemon.module</a>  | 05-Dec-1991 08:03 | 128k |
|    | <a href="#">institut.1@index</a> | 30-Jan-1993 13:21 | 1k   |
|    | <a href="#">institut.2@index</a> | 30-Nov-1992 06:27 | 1k   |
|    | <a href="#">institut.@index</a>  | 30-Jan-1993 14:12 | 1k   |
|    | <a href="#">institut.html</a>    | 18-Aug-1992 04:01 | 1k   |
|    | <a href="#">institut.index</a>   | 15-Feb-1993 10:13 | 1k   |
|    | <a href="#">newppf.1@html</a>    | 24-Aug-1993 12:38 | 49k  |
|    | <a href="#">newppf.2@html</a>    | 24-Aug-1993 12:15 | 49k  |
|    | <a href="#">newppf.@html</a>     | 01-Oct-1993 13:07 | 53k  |
|    | <a href="#">newppf.html</a>      | 01-Oct-1993 14:55 | 53k  |
|    | <a href="#">particle.1@index</a> | 30-Jan-1993 13:32 | 1k   |
|    | <a href="#">particle.2@index</a> | 12-Nov-1992 16:07 | 1k   |
|    | <a href="#">particle.@index</a>  | 30-Jan-1993 14:11 | 1k   |
|    | <a href="#">particle.help</a>    | 02-May-1992 08:35 | 1k   |
|   | <a href="#">particle.html</a>    | 18-Aug-1992 04:01 | 1k   |
|  | <a href="#">particle.index</a>   | 15-Feb-1993 11:19 | 1k   |
|  | <a href="#">prget.1@exec</a>     | 25-Jan-1993 01:42 | 1k   |
|  | <a href="#">prget.@exec</a>      | 09-Jul-1993 09:20 | 1k   |
|  | <a href="#">prget.exec</a>       | 13-Jul-1993 01:18 | 1k   |
|  | <a href="#">run.exec</a>         | 19-Sep-1991 07:19 | 1k   |
|  | <a href="#">rundaemo.1@exec</a>  | 30-Apr-1992 07:25 | 1k   |
|  | <a href="#">rundaemo.2@exec</a>  | 06-Nov-1991 09:03 | 1k   |
|  | <a href="#">rundaemo.@exec</a>   | 30-Apr-1992 07:25 | 1k   |
|  | <a href="#">rundaemo.exec</a>    | 30-Apr-1992 07:53 | 1k   |
|  | <a href="#">scs.1@html</a>       | 02-Sep-1993 06:53 | 1k   |
|  | <a href="#">scs.2@html</a>       | 02-Sep-1993 03:52 | 1k   |
|  | <a href="#">scs.@html</a>        | 17-Sep-1993 08:31 | 1k   |
|  | <a href="#">scs.html</a>         | 23-Sep-1993 02:50 | 1k   |
|  | <a href="#">slac.1@html</a>      | 17-Aug-1993 15:36 | 3k   |
|  | <a href="#">slac.2@html</a>      | 24-Jun-1993 13:47 | 3k   |
|  | <a href="#">slac.@html</a>       | 17-Aug-1993 15:42 | 3k   |
|  | <a href="#">slac.html</a>        | 08-Sep-1993 02:05 | 3k   |
|  | <a href="#">slacspea.1@index</a> | 30-Jan-1993 14:05 | 1k   |
|  | <a href="#">slacspea.2@index</a> | 30-Jan-1993 13:35 | 1k   |

|                                                                                     |                                  |                   |     |
|-------------------------------------------------------------------------------------|----------------------------------|-------------------|-----|
|    | <a href="#">slacspea.@index</a>  | 30-Jan-1993 14:06 | 1k  |
|    | <a href="#">slacspea.html</a>    | 18-Aug-1992 04:01 | 1k  |
|    | <a href="#">slacspea.index</a>   | 15-Feb-1993 11:19 | 1k  |
|    | <a href="#">slacwide.1@html</a>  | 08-Sep-1993 02:01 | 3k  |
|    | <a href="#">slacwide.@html</a>   | 15-Sep-1993 03:11 | 3k  |
|    | <a href="#">slacwide.html</a>    | 15-Sep-1993 03:37 | 3k  |
|    | <a href="#">sldget.1@exec</a>    | 02-Dec-1992 15:10 | 7k  |
|    | <a href="#">sldget.2@exec</a>    | 02-Dec-1992 15:07 | 7k  |
|    | <a href="#">sldget.@exec</a>     | 24-Apr-1993 11:14 | 7k  |
|    | <a href="#">sldget.exec</a>      | 18-Jun-1993 05:24 | 8k  |
|    | <a href="#">smget.exec</a>       | 03-Aug-1992 11:27 | 4k  |
|    | <a href="#">spires.1@html</a>    | 30-Apr-1992 07:17 | 1k  |
|    | <a href="#">spires.1@index</a>   | 30-Jan-1993 14:15 | 1k  |
|    | <a href="#">spires.2@html</a>    | 10-Mar-1992 02:41 | 1k  |
|   | <a href="#">spires.2@index</a>   | 30-Jan-1993 12:42 | 1k  |
|  | <a href="#">spires.@html</a>     | 18-Aug-1992 04:01 | 1k  |
|  | <a href="#">spires.@index</a>    | 15-Feb-1993 11:19 | 1k  |
|  | <a href="#">spires.html</a>      | 12-Nov-1992 13:52 | 1k  |
|  | <a href="#">spires.index</a>     | 14-May-1993 15:33 | 1k  |
|  | <a href="#">spirewww.module</a>  | 29-Apr-1993 08:04 | 6k  |
|  | <a href="#">ssc.index</a>        | 12-Jun-1993 11:12 | 1k  |
|  | <a href="#">stores.1@html</a>    | 09-Mar-1992 03:36 | 1k  |
|  | <a href="#">stores.@html</a>     | 30-Apr-1992 07:18 | 1k  |
|  | <a href="#">stores.@index</a>    | 04-Mar-1992 07:51 | 1k  |
|  | <a href="#">stores.help</a>      | 05-Mar-1992 02:43 | 21k |
|  | <a href="#">stores.html</a>      | 18-Aug-1992 03:59 | 1k  |
|  | <a href="#">stores.index</a>     | 01-Sep-1993 03:12 | 2k  |
|  | <a href="#">whereis.@help</a>    | 21-May-1992 06:20 | 2k  |
|  | <a href="#">whereis.@index</a>   | 13-May-1992 04:43 | 2k  |
|  | <a href="#">whereis.help</a>     | 19-Mar-1993 00:18 | 2k  |
|  | <a href="#">whereis.html</a>     | 18-Aug-1992 03:59 | 1k  |
|  | <a href="#">whereis.index</a>    | 19-Mar-1993 00:20 | 2k  |
|  | <a href="#">wint444.filelist</a> | 27-Jan-1997 12:07 | 24k |
|  | <a href="#">winters.jcw100</a>   | 27-Jan-1997 11:14 | 93k |
|  | <a href="#">wish.list</a>        | 28-May-1992 04:30 | 1k  |

|                                                                                     |                                |                   |     |
|-------------------------------------------------------------------------------------|--------------------------------|-------------------|-----|
|    | <a href="#">wizards.1@html</a> | 30-Sep-1993 14:59 | 2k  |
|    | <a href="#">wizards.2@html</a> | 30-Sep-1993 14:52 | 2k  |
|    | <a href="#">wizards.@html</a>  | 01-Oct-1993 18:08 | 2k  |
|    | <a href="#">wizards.html</a>   | 01-Oct-1993 18:21 | 2k  |
|    | <a href="#">www.192</a>        | 25-Jan-1997 16:01 | 5k  |
|    | <a href="#">www.1@staff</a>    | 26-Apr-1993 19:01 | 1k  |
|    | <a href="#">www.2@staff</a>    | 29-Jan-1993 02:23 | 1k  |
|    | <a href="#">www.@inst\$va</a>  | 29-Apr-1992 10:38 | 1k  |
|    | <a href="#">www.@staff</a>     | 02-Sep-1993 07:01 | 1k  |
|    | <a href="#">www.files</a>      | 30-Apr-1992 07:21 | 1k  |
|    | <a href="#">www.history</a>    | 01-Oct-1993 18:21 | 28k |
|    | <a href="#">www.inst\$var</a>  | 18-Jun-1993 10:54 | 1k  |
|    | <a href="#">www.lastnews</a>   | 14-May-1985 04:29 | 1k  |
|    | <a href="#">www.newslst</a>    | 23-Apr-1986 06:02 | 1k  |
|    | <a href="#">www.owners</a>     | 01-Oct-1993 18:10 | 2k  |
|    | <a href="#">www.staff</a>      | 30-Sep-1993 11:17 | 1k  |
|   | <a href="#">wwwinfo.1@html</a> | 19-Mar-1993 05:43 | 1k  |
|  | <a href="#">wwwinfo.@html</a>  | 14-Apr-1993 07:37 | 1k  |
|  | <a href="#">wwwinfo.html</a>   | 07-Jun-1993 17:07 | 1k  |
|  | <a href="#">xwhere.@html</a>   | 18-Aug-1992 03:58 | 1k  |
|  | <a href="#">xwhere.html</a>    | 27-Apr-1993 01:51 | 1k  |

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/afs/slac.stanford.edu/www/archive/1993/SLACVM/www/192/rl2971/README:

From the most recent, surviving backup tape for WWW 192 before the major 19 Nov 1993 installation (CMS RECOVER):

69 ) WWW 0192 dumped to file 36 of tape RL2971 on 10/05/93 at 23:12:11

Of a total of 221 files on SLACVM WWW 192 then, 59 were "production"\* pages (i.e., named either / HTML/ or / INDEX/ (/s to delimit string) in inverse chronological order of last update:

|          |       |      |     |      |    |          |          |
|----------|-------|------|-----|------|----|----------|----------|
| WIZARDS  | HTML  | H1 V | 99  | 47   | 1  | 10/02/93 | 1:21:11  |
| NEWPPF   | HTML  | H1 V | 73  | 1298 | 14 | 10/01/93 | 21:55:03 |
| SCS      | HTML  | H1 V | 108 | 16   | 1  | 9/23/93  | 9:50:55  |
| SLACWIDE | HTML  | H1 V | 114 | 56   | 1  | 9/15/93  | 10:37:12 |
| SLAC     | HTML  | H1 V | 78  | 69   | 1  | 9/08/93  | 9:05:23  |
| STORES   | INDEX | H1 F | 80  | 25   | 1  | 9/01/93  | 10:12:34 |
| HEPNAMES | INDEX | H1 V | 71  | 20   | 1  | 8/18/93  | 0:42:00  |
| FHSUBJS  | HTML  | H1 V | 70  | 85   | 1  | 6/24/93  | 20:47:20 |
| SSC      | INDEX | H1 V | 52  | 12   | 1  | 6/12/93  | 18:12:56 |
| WWWINFO  | HTML  | H1 V | 108 | 37   | 1  | 6/08/93  | 0:07:01  |
| HEP      | INDEX | H1 V | 70  | 34   | 1  | 5/14/93  | 22:33:28 |
| SPIRES   | INDEX | H1 V | 70  | 34   | 1  | 5/14/93  | 22:33:28 |
| XWHERE   | HTML  | H1 V | 67  | 37   | 1  | 4/27/93  | 8:51:34  |
| ABSTRACT | INDEX | H1 V | 69  | 23   | 1  | 3/23/93  | 23:30:08 |
| WHEREIS  | INDEX | H1 F | 80  | 24   | 1  | 3/19/93  | 8:20:29  |
| PARTICLE | INDEX | H1 V | 70  | 29   | 1  | 2/15/93  | 19:19:58 |
| SLACSPEA | INDEX | H1 V | 63  | 21   | 1  | 2/15/93  | 19:19:48 |
| BOOKS    | INDEX | H1 V | 43  | 12   | 1  | 2/15/93  | 19:19:37 |
| BINLIST  | INDEX | H1 V | 63  | 14   | 1  | 2/15/93  | 19:19:26 |
| CONF     | INDEX | H1 V | 48  | 12   | 1  | 2/15/93  | 19:18:58 |
| EXPERI   | INDEX | H1 V | 50  | 19   | 1  | 2/15/93  | 19:18:47 |
| EXPERIME | INDEX | H1 V | 50  | 19   | 1  | 2/15/93  | 19:18:36 |
| INSTITUT | INDEX | H1 V | 61  | 21   | 1  | 2/15/93  | 18:13:17 |
| BULL1    | HTML  | H1 V | 72  | 27   | 1  | 2/08/93  | 22:01:31 |
| BULL7    | HTML  | H1 V | 69  | 32   | 1  | 2/08/93  | 22:00:24 |
| BULL14   | HTML  | H1 V | 79  | 35   | 1  | 2/08/93  | 21:58:06 |
| DEFAULT  | HTML  | H1 V | 72  | 30   | 1  | 1/28/93  | 19:35:32 |
| ABSTRACT | HTML  | H1 V | 79  | 9    | 1  | 1/26/93  | 10:22:02 |
| FHSCRI   | HTML  | H1 V | 68  | 26   | 1  | 11/15/92 | 20:10:39 |
| SPIRES   | HTML  | H1 V | 73  | 9    | 1  | 11/12/92 | 21:52:48 |
| FHMAIN   | HTML  | H1 V | 72  | 66   | 1  | 9/15/92  | 20:01:40 |
| FHIMPROV | HTML  | H1 V | 70  | 15   | 1  | 9/15/92  | 19:59:19 |
| FHTUTOR  | HTML  | H1 V | 97  | 19   | 1  | 9/15/92  | 19:57:19 |
| FHEDITOR | HTML  | H1 V | 71  | 74   | 1  | 9/15/92  | 19:40:37 |
| FHEMAIL  | HTML  | H1 V | 50  | 21   | 1  | 9/15/92  | 19:37:24 |
| FHIMPL   | HTML  | H1 V | 68  | 18   | 1  | 9/10/92  | 19:19:57 |
| HLMAIN   | HTML  | H1 V | 78  | 70   | 1  | 8/20/92  | 15:18:08 |
| HLSTEER  | HTML  | H1 V | 64  | 29   | 1  | 8/20/92  | 13:23:58 |
| CONF     | HTML  | H1 V | 71  | 9    | 1  | 8/18/92  | 11:01:55 |
| BOOKS    | HTML  | H1 V | 75  | 9    | 1  | 8/18/92  | 11:01:47 |
| SLACSPEA | HTML  | H1 V | 52  | 9    | 1  | 8/18/92  | 11:01:24 |
| PARTICLE | HTML  | H1 V | 64  | 11   | 1  | 8/18/92  | 11:01:16 |
| INSTITUT | HTML  | H1 V | 71  | 9    | 1  | 8/18/92  | 11:01:08 |
| HEPNAMES | HTML  | H1 V | 75  | 9    | 1  | 8/18/92  | 11:00:58 |
| HEP      | HTML  | H1 V | 73  | 9    | 1  | 8/18/92  | 11:00:49 |
| EXPERI   | HTML  | H1 V | 73  | 10   | 1  | 8/18/92  | 11:00:41 |
| DEFAULTX | HTML  | H1 V | 59  | 30   | 1  | 8/18/92  | 11:00:26 |
| WHEREIS  | HTML  | H1 V | 77  | 10   | 1  | 8/18/92  | 10:59:20 |
| STORES   | HTML  | H1 V | 76  | 10   | 1  | 8/18/92  | 10:59:03 |

|          |       |      |    |    |   |                  |
|----------|-------|------|----|----|---|------------------|
| BIBLIO   | HTML  | H1 V | 47 | 9  | 1 | 8/18/92 10:58:43 |
| BIBLIO   | INDEX | H1 V | 43 | 14 | 1 | 6/30/92 10:10:36 |
| BINLIST  | HTML  | H1 V | 46 | 10 | 1 | 5/28/92 16:29:07 |
| FHNARROW | HTML  | H1 V | 70 | 23 | 1 | 5/17/92 19:20:28 |
| FHSPIRES | HTML  | H1 V | 70 | 33 | 1 | 5/17/92 19:19:19 |
| FHADDING | HTML  | H1 V | 71 | 34 | 1 | 5/11/92 11:40:38 |
| FHREF1   | HTML  | H1 V | 67 | 8  | 1 | 5/11/92 0:07:58  |
| FHDBASE  | HTML  | H1 V | 79 | 49 | 1 | 5/10/92 23:54:47 |
| FHBENEFI | HTML  | H1 V | 75 | 49 | 1 | 5/10/92 23:46:32 |
| FHFTP    | HTML  | H1 V | 67 | 48 | 1 | 4/30/92 22:47:21 |

\* Except the entire system was experimental. Using the word "production" here is to distinguish from "test".

In 1993, some files but not a lot? were being served from UNIX (e.g., see the /u/sf/winters/pub/www subdirectory tree, available through the /winters/pub/www rule). Most pages were being served from SLACVM.

Joan Winters, VM BATCH job submitted 26 Jan 1997, run 27 Jan 1997

# Index of /archive/1993/SLACVMI

| <u>Name</u>                                                                                                        | <u>Last modified</u> | <u>Size</u> | <u>Description</u> |
|--------------------------------------------------------------------------------------------------------------------|----------------------|-------------|--------------------|
|  <a href="#">Parent Directory</a> | 12-Jan-1998 09:25    | -           |                    |
|  <a href="#">www/</a>             | 22-Jul-1998 00:58    | -           |                    |
|  <a href="#">wwwtest/</a>         | 24-Jun-1998 13:13    | -           |                    |

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# Index of /archive/1993/SLACVIM/wwwtest

| <u>Name</u>                                                                                                        | <u>Last modified</u> | <u>Size</u> | <u>Description</u> |
|--------------------------------------------------------------------------------------------------------------------|----------------------|-------------|--------------------|
|  <a href="#">Parent Directory</a> | 27-Jan-1997 20:37    | -           |                    |
|  <a href="#">192/</a>             | 04-Jul-1998 15:45    | -           |                    |

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# Index of /archive/1993/SLACVM/wwwtest/192

| <u>Name</u>                                                                                                        | <u>Last modified</u> | <u>Size</u> | <u>Description</u> |
|--------------------------------------------------------------------------------------------------------------------|----------------------|-------------|--------------------|
|  <a href="#">Parent Directory</a> | 24-Jun-1998 13:13    | -           |                    |
|  <a href="#">r12545/</a>          | 24-Jun-1998 13:31    | -           |                    |
|  <a href="#">r12981/</a>          | 04-Jul-1998 18:08    | -           |                    |

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# Index

## of /archive/1993/SLACVM/wwwtest/192/rl2545

| Name                                                                                                                | Last modified     | Size | Description |
|---------------------------------------------------------------------------------------------------------------------|-------------------|------|-------------|
|  <a href="#">Parent Directory</a>  | 04-Jul-1998 15:45 | -    |             |
|  <a href="#">01041532.corpse</a>   | 11-Dec-1992 05:41 | 1k   |             |
|  <a href="#">01041562.corpse</a>   | 21-Dec-1992 06:14 | 2k   |             |
|  <a href="#">01041586.corpse</a>   | 04-Jan-1993 06:59 | 3k   |             |
|  <a href="#">01041594.corpse</a>   | 04-Jan-1993 07:20 | 3k   |             |
|  <a href="#">12060300.corpse</a>   | 04-Dec-1992 15:54 | 1k   |             |
|  <a href="#">12060305.corpse</a>   | 12-Nov-1992 16:19 | 1k   |             |
|  <a href="#">12060310.corpse</a>   | 04-Dec-1992 15:56 | 1k   |             |
|  <a href="#">12060342.corpse</a>   | 04-Dec-1992 15:17 | 1k   |             |
|  <a href="#">12111058.corpse</a>   | 03-Dec-1992 14:14 | 2k   |             |
|  <a href="#">12111310.corpse</a>  | 11-Dec-1992 05:43 | 2k   |             |
|  <a href="#">12111321.corpse</a> | 11-Dec-1992 02:35 | 2k   |             |
|  <a href="#">12111334.corpse</a> | 11-Dec-1992 05:44 | 2k   |             |
|  <a href="#">12141834.corpse</a> | 14-Dec-1992 10:10 | 3k   |             |
|  <a href="#">12141835.corpse</a> | 14-Dec-1992 10:17 | 2k   |             |
|  <a href="#">12141844.corpse</a> | 14-Dec-1992 10:10 | 3k   |             |
|  <a href="#">12141854.corpse</a> | 11-Dec-1992 05:44 | 2k   |             |
|  <a href="#">12141872.corpse</a> | 14-Dec-1992 10:10 | 3k   |             |
|  <a href="#">12141873.corpse</a> | 14-Dec-1992 10:10 | 3k   |             |
|  <a href="#">12151400.corpse</a> | 11-Dec-1992 05:57 | 3k   |             |
|  <a href="#">12151405.corpse</a> | 15-Dec-1992 06:33 | 2k   |             |
|  <a href="#">12151417.corpse</a> | 14-Dec-1992 10:10 | 3k   |             |
|  <a href="#">12151425.corpse</a> | 11-Dec-1992 05:27 | 3k   |             |
|  <a href="#">12151435.corpse</a> | 15-Dec-1992 06:32 | 2k   |             |
|  <a href="#">12151455.corpse</a> | 11-Dec-1992 05:57 | 3k   |             |
|  <a href="#">12151456.corpse</a> | 15-Dec-1992 06:33 | 2k   |             |
|  <a href="#">12151462.corpse</a> | 11-Dec-1992 05:24 | 3k   |             |
|  <a href="#">12151470.corpse</a> | 11-Dec-1992 05:21 | 3k   |             |
|  <a href="#">12151473.corpse</a> | 14-Dec-1992 10:18 | 2k   |             |
|  <a href="#">12152034.corpse</a> | 15-Dec-1992 12:14 | 3k   |             |

|                                                                                     |                                 |                   |     |
|-------------------------------------------------------------------------------------|---------------------------------|-------------------|-----|
|    | <a href="#">12161340.corpse</a> | 24-Aug-1992 02:23 | 1k  |
|    | <a href="#">12171152.corpse</a> | 02-Dec-1992 04:19 | 3k  |
|    | <a href="#">12171185.corpse</a> | 19-Nov-1992 10:13 | 3k  |
|    | <a href="#">12171658.corpse</a> | 16-Sep-1992 06:55 | 3k  |
|    | <a href="#">12181535.corpse</a> | 17-Dec-1992 06:46 | 3k  |
|    | <a href="#">12211400.corpse</a> | 11-Sep-1992 15:12 | 3k  |
|    | <a href="#">12211402.corpse</a> | 15-Dec-1992 06:34 | 2k  |
|    | <a href="#">README</a>          | 24-Jun-1998 21:20 | 6k  |
|    | <a href="#">acget.1@exec</a>    | 20-Aug-1992 02:38 | 4k  |
|    | <a href="#">acget.2@exec</a>    | 20-Aug-1992 02:10 | 4k  |
|    | <a href="#">acget.@exec</a>     | 20-Aug-1992 02:48 | 4k  |
|    | <a href="#">acget.exec</a>      | 20-Aug-1992 02:53 | 4k  |
|    | <a href="#">an921120.html</a>   | 15-Dec-1992 06:23 | 3k  |
|    | <a href="#">an921127.html</a>   | 15-Dec-1992 06:24 | 3k  |
|    | <a href="#">an921204.html</a>   | 15-Dec-1992 06:25 | 3k  |
|  | <a href="#">an921211.html</a>   | 15-Dec-1992 06:23 | 3k  |
|  | <a href="#">an921218.@html</a>  | 21-Dec-1992 06:13 | 3k  |
|  | <a href="#">an921218.html</a>   | 21-Dec-1992 06:20 | 3k  |
|  | <a href="#">an921225.html</a>   | 04-Jan-1993 07:08 | 3k  |
|  | <a href="#">an930104.@html</a>  | 04-Jan-1993 07:19 | 3k  |
|  | <a href="#">an930104.html</a>   | 04-Jan-1993 07:53 | 3k  |
|  | <a href="#">apsnews.1@html</a>  | 21-Dec-1992 06:17 | 1k  |
|  | <a href="#">apsnews.2@html</a>  | 15-Dec-1992 15:04 | 1k  |
|  | <a href="#">apsnews.3@html</a>  | 15-Dec-1992 06:27 | 1k  |
|  | <a href="#">apsnews.4@html</a>  | 14-Dec-1992 10:14 | 1k  |
|  | <a href="#">apsnews.5@html</a>  | 11-Dec-1992 05:56 | 1k  |
|  | <a href="#">apsnews.@html</a>   | 21-Dec-1992 06:18 | 1k  |
|  | <a href="#">apsnews.html</a>    | 04-Jan-1993 07:22 | 1k  |
|  | <a href="#">besget.1@exec</a>   | 20-Nov-1992 05:44 | 1k  |
|  | <a href="#">besget.2@exec</a>   | 20-Nov-1992 04:43 | 1k  |
|  | <a href="#">besget.@exec</a>    | 20-Nov-1992 05:45 | 1k  |
|  | <a href="#">besget.exec</a>     | 20-Nov-1992 05:49 | 1k  |
|  | <a href="#">ccg-6.1@html</a>    | 11-Dec-1992 03:16 | 10k |
|  | <a href="#">ccg-6.2@html</a>    | 11-Dec-1992 02:35 | 10k |
|  | <a href="#">ccg-6.@html</a>     | 11-Dec-1992 03:20 | 10k |

|                                                                                     |                                |                   |     |
|-------------------------------------------------------------------------------------|--------------------------------|-------------------|-----|
|    | <a href="#">ccg-6.html</a>     | 11-Dec-1992 03:27 | 10k |
|    | <a href="#">cms.preserve</a>   | 22-Jun-1998 15:25 | 1k  |
|    | <a href="#">dummy.file</a>     | 10-Apr-1992 08:10 | 1k  |
|    | <a href="#">fget.1@exec</a>    | 16-Dec-1992 05:18 | 2k  |
|    | <a href="#">fget.2@exec</a>    | 20-Nov-1992 04:41 | 2k  |
|    | <a href="#">fget.3@exec</a>    | 24-Aug-1992 02:11 | 2k  |
|    | <a href="#">fget.4@exec</a>    | 20-Aug-1992 02:35 | 2k  |
|    | <a href="#">fget.5@exec</a>    | 20-Aug-1992 02:12 | 2k  |
|    | <a href="#">fget.@exec</a>     | 16-Dec-1992 05:21 | 2k  |
|    | <a href="#">fget.exec</a>      | 17-Dec-1992 03:13 | 2k  |
|    | <a href="#">fsearch.1@exec</a> | 17-Dec-1992 08:30 | 3k  |
|    | <a href="#">fsearch.2@exec</a> | 17-Dec-1992 08:20 | 3k  |
|    | <a href="#">fsearch.3@exec</a> | 17-Dec-1992 07:25 | 3k  |
|    | <a href="#">fsearch.4@exec</a> | 17-Dec-1992 07:22 | 3k  |
|    | <a href="#">fsearch.5@exec</a> | 17-Dec-1992 06:49 | 3k  |
|    | <a href="#">fsearch.@exec</a>  | 17-Dec-1992 08:32 | 3k  |
|   | <a href="#">fsearch.exec</a>   | 18-Dec-1992 07:28 | 3k  |
|  | <a href="#">hep.index</a>      | 21-Dec-1992 15:54 | 1k  |
|  | <a href="#">po921130.html</a>  | 02-Dec-1992 13:16 | 11k |
|  | <a href="#">policy.921130</a>  | 02-Dec-1992 10:12 | 14k |
|  | <a href="#">prget.1@exec</a>   | 24-Aug-1992 08:49 | 1k  |
|  | <a href="#">prget.2@exec</a>   | 24-Aug-1992 06:08 | 1k  |
|  | <a href="#">prget.3@exec</a>   | 24-Aug-1992 02:38 | 1k  |
|  | <a href="#">prget.4@exec</a>   | 24-Aug-1992 02:27 | 1k  |
|  | <a href="#">prget.5@exec</a>   | 24-Aug-1992 02:26 | 1k  |
|  | <a href="#">prget.@exec</a>    | 24-Aug-1992 08:53 | 1k  |
|  | <a href="#">prget.exec</a>     | 16-Dec-1992 05:23 | 1k  |
|  | <a href="#">scs.@html</a>      | 02-Dec-1992 04:46 | 1k  |
|  | <a href="#">scs.html</a>       | 02-Dec-1992 04:55 | 1k  |
|  | <a href="#">slac.1@html</a>    | 03-Dec-1992 14:05 | 3k  |
|  | <a href="#">slac.2@html</a>    | 02-Dec-1992 12:18 | 3k  |
|  | <a href="#">slac.3@html</a>    | 02-Dec-1992 04:48 | 3k  |
|  | <a href="#">slac.4@html</a>    | 02-Dec-1992 04:45 | 3k  |
|  | <a href="#">slac.5@html</a>    | 02-Dec-1992 04:23 | 3k  |
|  | <a href="#">slac.@html</a>     | 17-Dec-1992 03:19 | 3k  |

|                                                                                     |                                   |                   |     |
|-------------------------------------------------------------------------------------|-----------------------------------|-------------------|-----|
|    | <a href="#">slac.html</a>         | 17-Dec-1992 03:58 | 3k  |
|    | <a href="#">test.1@html</a>       | 02-Dec-1992 13:16 | 11k |
|    | <a href="#">test.2@html</a>       | 02-Dec-1992 13:00 | 11k |
|    | <a href="#">test.3@html</a>       | 02-Dec-1992 12:19 | 14k |
|    | <a href="#">test.@html</a>        | 02-Dec-1992 13:24 | 11k |
|    | <a href="#">test.html</a>         | 02-Dec-1992 13:27 | 11k |
|    | <a href="#">todo.1@html</a>       | 20-Aug-1992 08:28 | 1k  |
|    | <a href="#">todo.@html</a>        | 20-Aug-1992 08:28 | 1k  |
|    | <a href="#">todo.html</a>         | 02-Sep-1992 07:02 | 1k  |
|    | <a href="#">unix-commands</a>     | 24-Jun-1998 13:47 | 2k  |
|    | <a href="#">vmnget.1@exec</a>     | 17-Dec-1992 03:32 | 1k  |
|    | <a href="#">vmnget.2@exec</a>     | 17-Dec-1992 03:04 | 1k  |
|    | <a href="#">vmnget.@exec</a>      | 17-Dec-1992 03:45 | 1k  |
|    | <a href="#">vmnget.exec</a>       | 17-Dec-1992 04:34 | 1k  |
|   | <a href="#">winters.filelist</a>  | 23-Jun-1998 16:21 | 13k |
|  | <a href="#">winters.jcw102</a>    | 22-Jun-1998 17:26 | 53k |
|  | <a href="#">winters.ls</a>        | 24-Jun-1998 13:31 | 8k  |
|  | <a href="#">wwwtest.1@staff</a>   | 10-Nov-1992 09:17 | 1k  |
|  | <a href="#">wwwtest.2@staff</a>   | 08-Sep-1992 12:59 | 1k  |
|  | <a href="#">wwwtest.3@staff</a>   | 29-Apr-1992 06:14 | 1k  |
|  | <a href="#">wwwtest.@staff</a>    | 11-Dec-1992 02:30 | 1k  |
|  | <a href="#">wwwtest.history</a>   | 04-Jan-1993 07:57 | 58k |
|  | <a href="#">wwwtest.inst\$var</a> | 29-Apr-1992 06:20 | 1k  |
|  | <a href="#">wwwtest.lastnews</a>  | 14-May-1985 04:29 | 1k  |
|  | <a href="#">wwwtest.newslst</a>   | 23-Apr-1986 06:02 | 1k  |
|  | <a href="#">wwwtest.owners</a>    | 04-Jan-1993 07:39 | 2k  |
|  | <a href="#">wwwtest.staff</a>     | 14-Dec-1992 06:28 | 1k  |
|  | <a href="#">wwwtest192.backup</a> | 22-Jun-1998 16:15 | 3k  |

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Apache/1.3.12 Server at [www.slac.stanford.edu](http://www.slac.stanford.edu) Port 80

File /afs/slac.stanford.edu/www/archive/1993/SLACVM/wwwtest/192/rl2545/README

Restored currently existing backup copy #32 (on tape cartridge RL2545) of userid WWWTEST minidisk 192 via the CMS RECOVER command to SPACE TEMPDISK 292 temporarily owned by userid WINTERS. This is the first-of-the-year VM backup tape taken 1/6/93. Then copied all the RECOVERed files plus five files on the recovery and migration process from SLACVM to UNIX via an NFS mount?? in UNIX of the SLACVM WINTERS 292 minidisk, followed by a UNIX copy of all those files to the subdirectory /afs/slac.stanford.edu/www/archive/1993/SLACVM/wwwtest/192/rl2545. 45/README

WWWTEST 192 is the public "test" minidisk for WWW pages in SLACVM.

More specifically, from the CMS RECOVER list of backup tapes on 6/22/98 selected:

32 ) WWWTEST 0192 dumped to file 107 of tape RL2545 on 01/06/93 at 02:05:17

See file wwwtest192.backup (named WTEST192 BACKUP in SLACVM) for the entire list (created from XSHOW capture of RECOVER command output). Note that earlier files like this were named, e.g., wwwtest.192. New format is intended to make the origin of the information immediately clear.

RECOVER submitted VM batch job JCW102 from userid WINTERS on 6/22/98. The job was run shortly afterwards. Its batch console output is in file winters.jcw102.

Of a total of 120 files on the SLACVM WWWTEST 192 minidisk of 1/6/93, 15 were user-visible "test"\* pages (i.e., named either / HTML/ or / INDEX/ where the slashes [/] delimit strings). In inverse chronological order of last update, these are (from FILELIST command output):

| FileName | Filetype | Fm | Format | LRECL | Records | Blocks | Date     | Time          |
|----------|----------|----|--------|-------|---------|--------|----------|---------------|
| AN930104 | HTML     | A1 | V      | 69    | 62      | 1      | 1/04/93  | 15:53:02 SPC2 |
| APSNEWS  | HTML     | A1 | V      | 67    | 19      | 1      | 1/04/93  | 15:22:18 SPC2 |
| AN921225 | HTML     | A1 | V      | 70    | 66      | 1      | 1/04/93  | 15:08:32 SPC2 |
| HEP      | INDEX    | A1 | V      | 73    | 23      | 1      | 12/21/92 | 23:54:11 SPC2 |
| AN921218 | HTML     | A1 | V      | 74    | 60      | 1      | 12/21/92 | 14:20:00 SPC2 |
| SLAC     | HTML     | A1 | V      | 113   | 84      | 1      | 12/17/92 | 11:58:37 SPC2 |
| AN921204 | HTML     | A1 | V      | 69    | 66      | 1      | 12/15/92 | 14:25:59 SPC2 |
| AN921127 | HTML     | A1 | V      | 70    | 64      | 1      | 12/15/92 | 14:24:20 SPC2 |
| AN921120 | HTML     | A1 | V      | 70    | 64      | 1      | 12/15/92 | 14:23:56 SPC2 |
| AN921211 | HTML     | A1 | V      | 72    | 62      | 1      | 12/15/92 | 14:23:16 SPC2 |
| CCG-6    | HTML     | A1 | V      | 72    | 180     | 3      | 12/11/92 | 11:27:47 SPC2 |
| TEST     | HTML     | A1 | V      | 76    | 269     | 3      | 12/02/92 | 21:27:39 SPC2 |
| PO921130 | HTML     | A1 | V      | 73    | 269     | 3      | 12/02/92 | 21:16:40 SPC2 |
| SCS      | HTML     | A1 | F      | 80    | 10      | 1      | 12/02/92 | 12:55:52 SPC2 |
| TODO     | HTML     | A1 | F      | 80    | 9       | 1      | 9/02/92  | 14:02:15 SPC2 |

\* The WWWTEST minidisk only had a subset of the entire proto-production SLAC Web pages on SLACVM, the subset that was actively being changed and tested. These pages were generally used by GIMEing (or LINKing and ACCESSing) the WWWTEST 192 minidisk ahead of the "production" WWW 192 minidisk in the user's CMS search order so that the test pages displayed, when available, instead of proto-production ones; otherwise, the proto-production ones displayed.

Note also that the following executable files (i.e., named / EXEC/ where the slashes [/] delimit a string) were also being tested:

| FileName | Filetype | Fm | Format | LRECL | Records | Blocks | Date     | Time          |
|----------|----------|----|--------|-------|---------|--------|----------|---------------|
| FSEARCH  | EXEC     | A1 | V      | 72    | 93      | 1      | 12/18/92 | 15:28:54 SPC2 |
| VMNGET   | EXEC     | A1 | V      | 60    | 66      | 1      | 12/17/92 | 12:34:44 SPC2 |
| FGET     | EXEC     | A2 | V      | 65    | 83      | 1      | 12/17/92 | 11:13:09 SPC2 |
| PRGET    | EXEC     | A2 | V      | 66    | 29      | 1      | 12/16/92 | 13:23:09 SPC2 |
| BESGET   | EXEC     | A1 | V      | 53    | 19      | 1      | 11/20/92 | 13:49:54 SPC2 |
| ACGET    | EXEC     | A2 | V      | 82    | 137     | 2      | 8/20/92  | 9:53:00 SPC2  |

These were user exits called by the WWW server.??

For a list of all the files recovered plus three files created related to the recovery plus a record of the WINTERS CMS environment in which the recovery occurred (in file CMS PRESERVE), see winters.filelist. (created by SAVEing the output of a FILELIST command). A list of all the files on the backup tape (which should be the same as all the files recovered) is in the batch job output winters.jcw102.

In summary, for more details about the recovery from VM backup and move from SLACVM to SLAC UNIX, see the following files:

README [in SLACVM named README RL2545]

wwwtest192.backup

winters.jcw102

winters.filelist

unix-commands [created in UNIX]

See also files in subdirectory /afs/slac/www/archive/SLACVM for general applicable information.

23 Jun 1998

Joan M. Winters

Note that the README file may often be updated after winters.filelist is created, as was done in this case, e.g., to delete the ?? about whether or not there'd be a unix-commands file, so the date and time of the file in UNIX may be later than the date and time of the SLACVM file in the FILELIST output.

Add ls -l output for the .../wwwtest/192/rl2545 subdir to unix-commands file.

24 Jun 1998

Joan M. Winters

# Index

## of /archive/1993/SLACVM/wwwtest/192/rl2981

| <u>Name</u>                                                                                                          | <u>Last modified</u> | <u>Size</u> | <u>Description</u> |
|----------------------------------------------------------------------------------------------------------------------|----------------------|-------------|--------------------|
|  <a href="#">Parent Directory</a>   | 04-Jul-1998 15:45    | -           |                    |
|  <a href="#">09301822.corpse</a>    | 30-Aug-1993 08:15    | 3k          |                    |
|  <a href="#">09301891.corpse</a>    | 30-Sep-1993 11:21    | 3k          |                    |
|  <a href="#">09302157.corpse</a>    | 15-Jul-1993 03:56    | 5k          |                    |
|  <a href="#">09302165.corpse</a>    | 06-Aug-1993 18:00    | 5k          |                    |
|  <a href="#">09302187.corpse</a>    | 04-Aug-1993 13:12    | 5k          |                    |
|  <a href="#">09302353.corpse</a>    | 24-Aug-1993 14:36    | 9k          |                    |
|  <a href="#">10011513.corpse</a>    | 06-Jul-1993 04:03    | 117k        |                    |
|  <a href="#">10011591.corpse</a>    | 19-Feb-1993 05:20    | 92k         |                    |
|  <a href="#">10012193.corpse</a>    | 12-Aug-1993 09:11    | 5k          |                    |
|  <a href="#">10012298.corpse</a>   | 24-Aug-1993 18:24    | 9k          |                    |
|  <a href="#">10012375.corpse</a>  | 26-Aug-1993 13:00    | 9k          |                    |
|  <a href="#">10020002.corpse</a>  | 01-Oct-1993 17:43    | 3k          |                    |
|  <a href="#">10020021.corpse</a>  | 30-Sep-1993 11:23    | 3k          |                    |
|  <a href="#">10020104.corpse</a>  | 01-Oct-1993 17:45    | 3k          |                    |
|  <a href="#">10020120.corpse</a>  | 01-Oct-1993 18:33    | 3k          |                    |
|  <a href="#">10020166.corpse</a>  | 01-Oct-1993 18:34    | 3k          |                    |
|  <a href="#">9301291.ps</a>       | 31-Jan-1993 15:19    | 160k        |                    |
|  <a href="#">README</a>           | 04-Jul-1998 18:38    | 13k         |                    |
|  <a href="#">abstract.1@index</a> | 21-Mar-1993 05:30    | 1k          |                    |
|  <a href="#">abstract.2@index</a> | 21-Mar-1993 05:23    | 1k          |                    |
|  <a href="#">abstract.3@index</a> | 21-Mar-1993 05:17    | 1k          |                    |
|  <a href="#">abstract.4@index</a> | 21-Mar-1993 05:13    | 1k          |                    |
|  <a href="#">abstract.5@index</a> | 21-Mar-1993 05:11    | 1k          |                    |
|  <a href="#">abstract.@index</a>  | 21-Mar-1993 05:32    | 1k          |                    |
|  <a href="#">abstract.html</a>    | 26-Jan-1993 02:22    | 1k          |                    |
|  <a href="#">abstract.index</a>   | 21-Mar-1993 05:35    | 1k          |                    |
|  <a href="#">acget.1@exec</a>     | 20-Aug-1992 02:38    | 4k          |                    |
|  <a href="#">acget.2@exec</a>     | 20-Aug-1992 02:10    | 4k          |                    |
|  <a href="#">acget.@exec</a>      | 20-Aug-1992 02:48    | 4k          |                    |



|                                                                                     |                                |                   |     |
|-------------------------------------------------------------------------------------|--------------------------------|-------------------|-----|
|    | <a href="#">acget.exec</a>     | 20-Aug-1992 02:53 | 4k  |
|    | <a href="#">besget.1@exec</a>  | 20-Nov-1992 05:44 | 1k  |
|    | <a href="#">besget.2@exec</a>  | 20-Nov-1992 04:43 | 1k  |
|    | <a href="#">besget.@exec</a>   | 20-Nov-1992 05:45 | 1k  |
|    | <a href="#">besget.exec</a>    | 20-Nov-1992 05:49 | 1k  |
|    | <a href="#">binlist.index</a>  | 02-Oct-1993 19:05 | 1k  |
|    | <a href="#">bull1.1@html</a>   | 29-Jan-1993 08:04 | 1k  |
|    | <a href="#">bull1.2@html</a>   | 29-Jan-1993 08:04 | 1k  |
|    | <a href="#">bull1.3@html</a>   | 29-Jan-1993 07:28 | 1k  |
|    | <a href="#">bull1.@html</a>    | 30-Jan-1993 11:55 | 1k  |
|    | <a href="#">bull1.html</a>     | 08-Feb-1993 14:01 | 1k  |
|    | <a href="#">bull14.1@html</a>  | 29-Jan-1993 08:16 | 1k  |
|    | <a href="#">bull14.2@html</a>  | 29-Jan-1993 07:26 | 1k  |
|    | <a href="#">bull14.@html</a>   | 30-Jan-1993 12:15 | 1k  |
|    | <a href="#">bull14.html</a>    | 08-Feb-1993 13:58 | 1k  |
|   | <a href="#">bull7.1@html</a>   | 30-Jan-1993 12:06 | 1k  |
|  | <a href="#">bull7.2@html</a>   | 29-Jan-1993 07:59 | 1k  |
|  | <a href="#">bull7.3@html</a>   | 29-Jan-1993 07:56 | 1k  |
|  | <a href="#">bull7.4@html</a>   | 29-Jan-1993 07:25 | 1k  |
|  | <a href="#">bull7.@html</a>    | 30-Jan-1993 12:08 | 1k  |
|  | <a href="#">bull7.html</a>     | 08-Feb-1993 14:00 | 1k  |
|  | <a href="#">ccg-6.1@html</a>   | 11-Dec-1992 03:16 | 10k |
|  | <a href="#">ccg-6.2@html</a>   | 11-Dec-1992 02:35 | 10k |
|  | <a href="#">ccg-6.@html</a>    | 11-Dec-1992 03:20 | 10k |
|  | <a href="#">ccg-6.html</a>     | 11-Dec-1992 03:27 | 10k |
|  | <a href="#">clone.@index</a>   | 12-Jun-1993 12:06 | 1k  |
|  | <a href="#">clone.html</a>     | 12-Jun-1993 12:06 | 1k  |
|  | <a href="#">clone.index</a>    | 17-Jun-1993 10:11 | 1k  |
|  | <a href="#">cms.preserve</a>   | 03-Jul-1998 09:57 | 1k  |
|  | <a href="#">cruise.html</a>    | 29-Apr-1993 15:59 | 1k  |
|  | <a href="#">default.1@html</a> | 02-Jun-1993 07:23 | 1k  |
|  | <a href="#">default.2@html</a> | 29-May-1993 17:50 | 1k  |
|  | <a href="#">default.3@html</a> | 29-May-1993 17:23 | 1k  |
|  | <a href="#">default.4@html</a> | 29-Jan-1993 05:31 | 1k  |
|  | <a href="#">default.5@html</a> | 26-Jan-1993 04:06 | 1k  |

|                                                                                     |                                 |                   |    |
|-------------------------------------------------------------------------------------|---------------------------------|-------------------|----|
|    | <a href="#">default.@html</a>   | 10-Jun-1993 12:20 | 1k |
|    | <a href="#">default.html</a>    | 12-Jun-1993 11:21 | 2k |
|    | <a href="#">defaultx.1@html</a> | 12-Jun-1993 11:48 | 2k |
|    | <a href="#">defaultx.2@html</a> | 10-Jun-1993 12:18 | 2k |
|    | <a href="#">defaultx.3@html</a> | 29-May-1993 17:41 | 1k |
|    | <a href="#">defaultx.4@html</a> | 29-May-1993 17:39 | 1k |
|    | <a href="#">defaultx.5@html</a> | 29-May-1993 17:20 | 1k |
|    | <a href="#">defaultx.@html</a>  | 12-Jun-1993 12:02 | 2k |
|    | <a href="#">defaultx.html</a>   | 12-Jun-1993 12:09 | 2k |
|    | <a href="#">dummy.file</a>      | 10-Apr-1992 08:10 | 1k |
|    | <a href="#">fget.1@exec</a>     | 03-Apr-1993 03:46 | 3k |
|    | <a href="#">fget.2@exec</a>     | 05-Feb-1993 06:07 | 3k |
|    | <a href="#">fget.3@exec</a>     | 25-Jan-1993 01:26 | 3k |
|    | <a href="#">fget.4@exec</a>     | 25-Jan-1993 01:20 | 3k |
|   | <a href="#">fget.5@exec</a>     | 25-Jan-1993 01:19 | 3k |
|  | <a href="#">fget.@exec</a>      | 13-Apr-1993 05:29 | 3k |
|  | <a href="#">fget.exec</a>       | 13-May-1993 02:29 | 3k |
|  | <a href="#">fheditor.1@html</a> | 18-Aug-1993 13:55 | 2k |
|  | <a href="#">fheditor.@html</a>  | 18-Aug-1993 14:02 | 3k |
|  | <a href="#">fheditor.html</a>   | 18-Aug-1993 14:18 | 3k |
|  | <a href="#">fhemail.@html</a>   | 18-Aug-1993 14:05 | 1k |
|  | <a href="#">fhemail.html</a>    | 18-Aug-1993 14:06 | 1k |
|  | <a href="#">fhget.1@exec</a>    | 19-Aug-1993 12:24 | 9k |
|  | <a href="#">fhget.@exec</a>     | 19-Aug-1993 12:34 | 9k |
|  | <a href="#">fhget.exec</a>      | 21-Sep-1993 07:43 | 9k |
|  | <a href="#">fhicon.html</a>     | 18-Aug-1993 12:51 | 1k |
|  | <a href="#">fhmain.1@html</a>   | 18-Aug-1993 13:00 | 1k |
|  | <a href="#">fhmain.2@html</a>   | 18-Aug-1993 12:53 | 1k |
|  | <a href="#">fhmain.3@html</a>   | 18-Aug-1993 12:47 | 1k |
|  | <a href="#">fhmain.4@html</a>   | 18-Aug-1993 12:45 | 1k |
|  | <a href="#">fhmain.5@html</a>   | 18-Aug-1993 12:40 | 1k |
|  | <a href="#">fhmain.@html</a>    | 18-Aug-1993 13:01 | 1k |
|  | <a href="#">fhmain.html</a>     | 18-Aug-1993 14:25 | 1k |
|  | <a href="#">fhsubjs.1@html</a>  | 18-Aug-1993 13:17 | 2k |
|  | <a href="#">fhsubjs.2@html</a>  | 18-Aug-1993 13:14 | 2k |

|                                                                                                                    |                   |    |
|--------------------------------------------------------------------------------------------------------------------|-------------------|----|
|  <a href="#">fhsubjs.3@html</a>   | 18-Aug-1993 13:11 | 2k |
|  <a href="#">fhsubjs.@html</a>    | 18-Aug-1993 13:18 | 2k |
|  <a href="#">fhsubjs.html</a>     | 18-Aug-1993 13:24 | 3k |
|  <a href="#">fpejmw.1@html</a>    | 24-Aug-1993 14:32 | 9k |
|  <a href="#">fpejmw.2@html</a>    | 24-Aug-1993 13:52 | 9k |
|  <a href="#">fpejmw.3@html</a>    | 23-Aug-1993 16:19 | 6k |
|  <a href="#">fpejmw.4@html</a>    | 23-Aug-1993 12:55 | 6k |
|  <a href="#">fpejmw.5@html</a>    | 23-Aug-1993 12:46 | 6k |
|  <a href="#">fpejmw.@html</a>     | 24-Aug-1993 18:24 | 9k |
|  <a href="#">fpejmw.html</a>      | 26-Aug-1993 13:00 | 9k |
|  <a href="#">fpjmw.1@html</a>     | 17-Aug-1993 18:48 | 4k |
|  <a href="#">fpjmw.2@html</a>     | 17-Aug-1993 08:45 | 4k |
|  <a href="#">fpjmw.3@html</a>     | 06-Aug-1993 17:17 | 4k |
|  <a href="#">fpjmw.4@html</a>     | 07-Jun-1993 13:11 | 7k |
|  <a href="#">fpjmw.5@html</a>     | 07-Jun-1993 12:14 | 7k |
|  <a href="#">fpjmw.@html</a>     | 24-Aug-1993 13:10 | 4k |
|  <a href="#">fpjmw.html</a>     | 24-Aug-1993 17:45 | 4k |
|  <a href="#">fsearch.1@exec</a> | 07-Sep-1993 13:33 | 4k |
|  <a href="#">fsearch.2@exec</a> | 07-Sep-1993 13:28 | 4k |
|  <a href="#">fsearch.3@exec</a> | 07-Sep-1993 12:48 | 4k |
|  <a href="#">fsearch.4@exec</a> | 03-Aug-1993 07:33 | 4k |
|  <a href="#">fsearch.5@exec</a> | 03-Aug-1993 07:30 | 4k |
|  <a href="#">fsearch.@exec</a>  | 07-Sep-1993 13:37 | 4k |
|  <a href="#">fsearch.exec</a>   | 07-Sep-1993 13:48 | 4k |
|  <a href="#">grabbag.1@html</a> | 23-Aug-1993 15:18 | 2k |
|  <a href="#">grabbag.2@html</a> | 23-Aug-1993 12:59 | 2k |
|  <a href="#">grabbag.3@html</a> | 23-Aug-1993 12:42 | 2k |
|  <a href="#">grabbag.4@html</a> | 18-Aug-1993 13:41 | 2k |
|  <a href="#">grabbag.5@html</a> | 18-Aug-1993 13:28 | 2k |
|  <a href="#">grabbag.@html</a>  | 30-Aug-1993 15:52 | 2k |
|  <a href="#">grabbag.html</a>   | 30-Aug-1993 16:09 | 2k |
|  <a href="#">help.1@index</a>   | 18-Aug-1993 17:05 | 1k |
|  <a href="#">help.2@index</a>   | 18-Aug-1993 15:50 | 1k |
|  <a href="#">help.3@index</a>   | 18-Aug-1993 15:31 | 1k |
|  <a href="#">help.4@index</a>   | 09-Aug-1993 10:34 | 1k |

|                                                                                     |                                 |                   |     |
|-------------------------------------------------------------------------------------|---------------------------------|-------------------|-----|
|    | <a href="#">help.5@index</a>    | 04-Aug-1993 12:02 | 1k  |
|    | <a href="#">help.@index</a>     | 18-Aug-1993 17:07 | 1k  |
|    | <a href="#">help.index</a>      | 24-Aug-1993 15:01 | 1k  |
|    | <a href="#">helphep1.1@html</a> | 27-May-1993 17:41 | 8k  |
|    | <a href="#">helphep1.2@html</a> | 27-May-1993 17:39 | 8k  |
|    | <a href="#">helphep1.3@html</a> | 27-May-1993 17:27 | 8k  |
|    | <a href="#">helphep1.4@html</a> | 27-May-1993 11:47 | 7k  |
|    | <a href="#">helphep1.5@html</a> | 27-May-1993 11:38 | 7k  |
|    | <a href="#">helphep1.@html</a>  | 02-Jun-1993 07:22 | 2k  |
|    | <a href="#">helphep1.html</a>   | 05-Jun-1993 14:37 | 2k  |
|    | <a href="#">helphepb.@html</a>  | 02-Jun-1993 08:01 | 3k  |
|    | <a href="#">helphepb.html</a>   | 02-Jun-1993 12:25 | 4k  |
|    | <a href="#">helphepc.@html</a>  | 02-Jun-1993 11:57 | 3k  |
|    | <a href="#">helphepc.html</a>   | 02-Jun-1993 13:24 | 3k  |
|    | <a href="#">helphepf.@html</a>  | 02-Jun-1993 07:47 | 5k  |
|    | <a href="#">helphepf.html</a>   | 02-Jun-1993 12:24 | 6k  |
|   | <a href="#">helphepo.@html</a>  | 02-Jun-1993 07:47 | 4k  |
|  | <a href="#">helphepo.html</a>   | 02-Jun-1993 10:45 | 4k  |
|  | <a href="#">helphepq.html</a>   | 02-Jun-1993 08:18 | 2k  |
|  | <a href="#">helpheps.html</a>   | 02-Jun-1993 07:53 | 2k  |
|  | <a href="#">hep.1@index</a>     | 20-May-1993 11:50 | 1k  |
|  | <a href="#">hep.2@index</a>     | 19-May-1993 08:51 | 1k  |
|  | <a href="#">hep.3@index</a>     | 19-May-1993 08:47 | 1k  |
|  | <a href="#">hep.@index</a>      | 20-May-1993 14:39 | 1k  |
|  | <a href="#">hep.index</a>       | 20-May-1993 16:55 | 1k  |
|  | <a href="#">hypertex.1@html</a> | 04-Aug-1993 11:01 | 2k  |
|  | <a href="#">hypertex.2@html</a> | 04-Aug-1993 10:27 | 2k  |
|  | <a href="#">hypertex.3@html</a> | 28-May-1993 17:12 | 2k  |
|  | <a href="#">hypertex.4@html</a> | 28-May-1993 17:00 | 1k  |
|  | <a href="#">hypertex.5@html</a> | 27-May-1993 19:49 | 1k  |
|  | <a href="#">hypertex.@html</a>  | 24-Aug-1993 14:47 | 2k  |
|  | <a href="#">hypertex.html</a>   | 26-Aug-1993 13:46 | 2k  |
|  | <a href="#">internet.1@html</a> | 24-Aug-1993 14:48 | 10k |
|  | <a href="#">internet.2@html</a> | 09-Aug-1993 11:30 | 11k |
|  | <a href="#">internet.3@html</a> | 06-Aug-1993 16:58 | 10k |

|                                                                                     |                                 |                   |     |
|-------------------------------------------------------------------------------------|---------------------------------|-------------------|-----|
|    | <a href="#">internet.4@html</a> | 06-Aug-1993 15:25 | 10k |
|    | <a href="#">internet.5@html</a> | 04-Aug-1993 09:31 | 10k |
|    | <a href="#">internet.@html</a>  | 24-Aug-1993 16:36 | 10k |
|    | <a href="#">internet.html</a>   | 26-Aug-1993 13:29 | 11k |
|    | <a href="#">junk.1@html</a>     | 13-Jun-1993 15:06 | 1k  |
|    | <a href="#">junk.2@html</a>     | 07-Apr-1993 10:42 | 1k  |
|    | <a href="#">junk.@html</a>      | 14-Jun-1993 05:02 | 2k  |
|    | <a href="#">junk.html</a>       | 14-Jun-1993 05:27 | 2k  |
|    | <a href="#">modem.intro</a>     | 12-Mar-1993 08:09 | 6k  |
|    | <a href="#">newslac.1@html</a>  | 24-Aug-1993 18:24 | 9k  |
|    | <a href="#">newslac.2@html</a>  | 24-Aug-1993 18:22 | 9k  |
|    | <a href="#">newslac.3@html</a>  | 24-Aug-1993 18:20 | 9k  |
|    | <a href="#">newslac.4@html</a>  | 24-Aug-1993 17:44 | 9k  |
|    | <a href="#">newslac.5@html</a>  | 24-Aug-1993 14:39 | 9k  |
|    | <a href="#">newslac.@html</a>   | 26-Aug-1993 13:00 | 9k  |
|   | <a href="#">newslac.html</a>    | 30-Sep-1993 14:44 | 9k  |
|  | <a href="#">oldslac.1@html</a>  | 12-Aug-1993 09:11 | 5k  |
|  | <a href="#">oldslac.@html</a>   | 24-Aug-1993 13:50 | 5k  |
|  | <a href="#">oldslac.html</a>    | 24-Aug-1993 17:46 | 5k  |
|  | <a href="#">oraget.1@exec</a>   | 05-Apr-1993 13:14 | 6k  |
|  | <a href="#">oraget.2@exec</a>   | 05-Apr-1993 13:13 | 6k  |
|  | <a href="#">oraget.3@exec</a>   | 05-Apr-1993 13:09 | 6k  |
|  | <a href="#">oraget.4@exec</a>   | 05-Apr-1993 11:22 | 6k  |
|  | <a href="#">oraget.5@exec</a>   | 05-Apr-1993 11:20 | 6k  |
|  | <a href="#">oraget.@exec</a>    | 05-Apr-1993 13:15 | 6k  |
|  | <a href="#">oraget.exec</a>     | 05-Apr-1993 13:17 | 6k  |
|  | <a href="#">orselect.exec</a>   | 08-Dec-1992 08:00 | 18k |
|  | <a href="#">po921130.html</a>   | 02-Dec-1992 13:16 | 11k |
|  | <a href="#">policy.921130</a>   | 02-Dec-1992 10:12 | 14k |
|  | <a href="#">scs.1@html</a>      | 13-Jul-1993 01:44 | 1k  |
|  | <a href="#">scs.2@html</a>      | 12-Jul-1993 04:31 | 1k  |
|  | <a href="#">scs.3@html</a>      | 21-Jun-1993 08:07 | 1k  |
|  | <a href="#">scs.4@html</a>      | 02-Dec-1992 04:55 | 1k  |
|  | <a href="#">scs.5@html</a>      | 02-Dec-1992 04:46 | 1k  |
|  | <a href="#">scs.@html</a>       | 30-Aug-1993 08:13 | 1k  |

|                                                                                     |                                 |                   |     |
|-------------------------------------------------------------------------------------|---------------------------------|-------------------|-----|
|    | <a href="#">scs.html</a>        | 23-Sep-1993 02:50 | 1k  |
|    | <a href="#">slac.1@html</a>     | 01-Oct-1993 14:53 | 9k  |
|    | <a href="#">slac.2@html</a>     | 30-Sep-1993 14:44 | 9k  |
|    | <a href="#">slac.3@html</a>     | 30-Sep-1993 14:41 | 9k  |
|    | <a href="#">slac.4@html</a>     | 30-Sep-1993 14:25 | 9k  |
|    | <a href="#">slac.5@html</a>     | 02-Sep-1993 10:21 | 9k  |
|    | <a href="#">slac.@html</a>      | 01-Oct-1993 15:22 | 9k  |
|    | <a href="#">slac.html</a>       | 01-Oct-1993 16:36 | 9k  |
|    | <a href="#">slac.xbm</a>        | 02-May-1993 09:17 | 14k |
|    | <a href="#">slacaer.@gif</a>    | 24-Jun-1993 11:23 | 67k |
|    | <a href="#">slacaer.gif</a>     | 29-Jul-1993 07:27 | 64k |
|    | <a href="#">slacfac.1@html</a>  | 18-Aug-1993 13:01 | 1k  |
|    | <a href="#">slacfac.2@html</a>  | 06-Aug-1993 17:44 | 1k  |
|    | <a href="#">slacfac.3@html</a>  | 06-Aug-1993 16:50 | 1k  |
|    | <a href="#">slacfac.4@html</a>  | 04-Aug-1993 17:10 | 1k  |
|   | <a href="#">slacfac.5@html</a>  | 04-Aug-1993 17:07 | 1k  |
|  | <a href="#">slacfac.@html</a>   | 24-Aug-1993 14:51 | 1k  |
|  | <a href="#">slacfac.html</a>    | 24-Aug-1993 15:27 | 1k  |
|  | <a href="#">slacinst.1@html</a> | 18-Aug-1993 15:06 | 4k  |
|  | <a href="#">slacinst.2@html</a> | 18-Aug-1993 12:56 | 4k  |
|  | <a href="#">slacinst.3@html</a> | 17-Aug-1993 18:35 | 3k  |
|  | <a href="#">slacinst.4@html</a> | 04-Aug-1993 16:39 | 3k  |
|  | <a href="#">slacinst.5@html</a> | 04-Aug-1993 09:27 | 3k  |
|  | <a href="#">slacinst.@html</a>  | 24-Aug-1993 14:52 | 4k  |
|  | <a href="#">slacinst.html</a>   | 24-Aug-1993 15:30 | 4k  |
|  | <a href="#">slacprep.1@html</a> | 10-Jun-1993 13:11 | 1k  |
|  | <a href="#">slacprep.2@html</a> | 10-Jun-1993 13:02 | 1k  |
|  | <a href="#">slacprep.3@html</a> | 10-Jun-1993 12:54 | 1k  |
|  | <a href="#">slacprep.4@html</a> | 10-Jun-1993 12:32 | 1k  |
|  | <a href="#">slacprep.5@html</a> | 10-Jun-1993 12:26 | 1k  |
|  | <a href="#">slacprep.@html</a>  | 11-Jun-1993 09:58 | 1k  |
|  | <a href="#">slacprep.html</a>   | 11-Jun-1993 10:01 | 1k  |
|  | <a href="#">slacvoid.1@html</a> | 19-Apr-1993 12:20 | 1k  |
|  | <a href="#">slacvoid.2@html</a> | 16-Apr-1993 14:49 | 1k  |
|  | <a href="#">slacvoid.3@html</a> | 16-Apr-1993 14:23 | 1k  |

|                                                                                                                    |                   |     |
|--------------------------------------------------------------------------------------------------------------------|-------------------|-----|
|  <a href="#">slacvoid.4@html</a>  | 14-Apr-1993 10:26 | 1k  |
|  <a href="#">slacvoid.@html</a>   | 19-Apr-1993 12:39 | 1k  |
|  <a href="#">slacvoid.html</a>    | 19-Apr-1993 13:48 | 1k  |
|  <a href="#">slacwide.1@html</a>  | 30-Sep-1993 13:48 | 4k  |
|  <a href="#">slacwide.2@html</a>  | 30-Sep-1993 13:27 | 4k  |
|  <a href="#">slacwide.3@html</a>  | 07-Sep-1993 03:27 | 3k  |
|  <a href="#">slacwide.4@html</a>  | 24-Aug-1993 14:55 | 3k  |
|  <a href="#">slacwide.5@html</a>  | 06-Aug-1993 15:59 | 3k  |
|  <a href="#">slacwide.@html</a>   | 01-Oct-1993 18:08 | 4k  |
|  <a href="#">slacwide.html</a>    | 01-Oct-1993 19:00 | 4k  |
|  <a href="#">sldget.1@exec</a>    | 04-May-1993 07:34 | 7k  |
|  <a href="#">sldget.2@exec</a>    | 24-Apr-1993 03:04 | 7k  |
|  <a href="#">sldget.3@exec</a>    | 24-Apr-1993 02:58 | 7k  |
|  <a href="#">sldget.4@exec</a>   | 05-Apr-1993 12:38 | 7k  |
|  <a href="#">sldget.5@exec</a>  | 05-Apr-1993 12:34 | 7k  |
|  <a href="#">sldget.@exec</a>   | 04-May-1993 07:37 | 7k  |
|  <a href="#">sldget.exec</a>    | 18-Jun-1993 05:24 | 8k  |
|  <a href="#">ssc.html</a>       | 12-Jun-1993 11:54 | 1k  |
|  <a href="#">ssc.index</a>      | 12-Jun-1993 11:12 | 1k  |
|  <a href="#">ssc9301.html</a>   | 22-Jan-1993 03:56 | 5k  |
|  <a href="#">sscnews.html</a>   | 22-Jan-1993 03:52 | 1k  |
|  <a href="#">test.1@html</a>    | 02-Dec-1992 13:16 | 11k |
|  <a href="#">test.2@html</a>    | 02-Dec-1992 13:00 | 11k |
|  <a href="#">test.3@html</a>    | 02-Dec-1992 12:19 | 14k |
|  <a href="#">test.@html</a>     | 02-Dec-1992 13:24 | 11k |
|  <a href="#">test.html</a>      | 02-Dec-1992 13:27 | 11k |
|  <a href="#">todo.1@html</a>    | 20-Aug-1992 08:28 | 1k  |
|  <a href="#">todo.@html</a>     | 20-Aug-1992 08:28 | 1k  |
|  <a href="#">todo.html</a>      | 02-Sep-1992 07:02 | 1k  |
|  <a href="#">unix-commands</a>  | 04-Jul-1998 18:38 | 3k  |
|  <a href="#">unix.1@html</a>    | 06-Aug-1993 15:59 | 2k  |
|  <a href="#">unix.@html</a>     | 06-Aug-1993 16:14 | 2k  |
|  <a href="#">unix.html</a>      | 24-Aug-1993 14:56 | 2k  |
|  <a href="#">vmhiget.1@exec</a> | 22-Jan-1993 04:55 | 1k  |
|  <a href="#">vmhiget.@exec</a>  | 22-Jan-1993 05:40 | 1k  |

|                                                                                     |                                  |                   |      |
|-------------------------------------------------------------------------------------|----------------------------------|-------------------|------|
|    | <a href="#">vmhiget.exec</a>     | 22-Jan-1993 06:00 | 1k   |
|    | <a href="#">vmnget.1@exec</a>    | 18-Jun-1993 05:05 | 2k   |
|    | <a href="#">vmnget.2@exec</a>    | 26-Feb-1993 01:57 | 1k   |
|    | <a href="#">vmnget.3@exec</a>    | 26-Feb-1993 01:49 | 1k   |
|    | <a href="#">vmnget.4@exec</a>    | 12-Jan-1993 06:20 | 1k   |
|    | <a href="#">vmnget.5@exec</a>    | 12-Jan-1993 02:35 | 1k   |
|    | <a href="#">vmnget.@exec</a>     | 18-Jun-1993 05:31 | 2k   |
|    | <a href="#">vmnget.exec</a>      | 18-Jun-1993 05:40 | 2k   |
|    | <a href="#">vmsnget.@exec</a>    | 05-Feb-1993 06:04 | 1k   |
|    | <a href="#">vmsnget.exec</a>     | 05-Feb-1993 06:26 | 1k   |
|    | <a href="#">w3docs.html</a>      | 10-Mar-1993 07:08 | 1k   |
|    | <a href="#">w3goph.html</a>      | 19-Jan-1993 01:53 | 5k   |
|    | <a href="#">winters.filelist</a> | 04-Jul-1998 11:07 | 34k  |
|    | <a href="#">winters.jcw106</a>   | 03-Jul-1998 09:57 | 130k |
|    | <a href="#">winters.ls</a>       | 04-Jul-1998 18:10 | 21k  |
|   | <a href="#">wwwbibl.1@html</a>   | 04-Aug-1993 10:24 | 3k   |
|  | <a href="#">wwwbibl.2@html</a>   | 28-May-1993 17:48 | 2k   |
|  | <a href="#">wwwbibl.3@html</a>   | 28-May-1993 16:59 | 2k   |
|  | <a href="#">wwwbibl.4@html</a>   | 27-May-1993 19:47 | 2k   |
|  | <a href="#">wwwbibl.5@html</a>   | 27-May-1993 18:43 | 2k   |
|  | <a href="#">wwwbibl.@html</a>    | 23-Aug-1993 12:21 | 3k   |
|  | <a href="#">wwwbibl.html</a>     | 23-Aug-1993 15:33 | 3k   |
|  | <a href="#">wwwintro.1@html</a>  | 24-Aug-1993 17:45 | 4k   |
|  | <a href="#">wwwintro.2@html</a>  | 24-Aug-1993 13:10 | 4k   |
|  | <a href="#">wwwintro.3@html</a>  | 23-Aug-1993 16:27 | 4k   |
|  | <a href="#">wwwintro.4@html</a>  | 23-Aug-1993 12:47 | 4k   |
|  | <a href="#">wwwintro.5@html</a>  | 17-Aug-1993 18:48 | 4k   |
|  | <a href="#">wwwintro.@html</a>   | 24-Aug-1993 19:00 | 4k   |
|  | <a href="#">wwwintro.html</a>    | 24-Aug-1993 19:02 | 4k   |
|  | <a href="#">wwwstat.ps</a>       | 15-Jun-1993 02:12 | 16k  |
|  | <a href="#">wwwtest.1@html</a>   | 26-Aug-1993 11:52 | 1k   |
|  | <a href="#">wwwtest.1@staff</a>  | 11-Dec-1992 02:30 | 1k   |
|  | <a href="#">wwwtest.2@html</a>   | 26-Aug-1993 11:45 | 1k   |
|  | <a href="#">wwwtest.2@staff</a>  | 10-Nov-1992 09:17 | 1k   |
|  | <a href="#">wwwtest.3@html</a>   | 26-Aug-1993 11:42 | 1k   |



|                                                                                   |                                   |                   |      |
|-----------------------------------------------------------------------------------|-----------------------------------|-------------------|------|
|  | <a href="#">wwwtest.3@staff</a>   | 08-Sep-1992 12:59 | 1k   |
|  | <a href="#">wwwtest.4@html</a>    | 24-Aug-1993 14:59 | 1k   |
|  | <a href="#">wwwtest.4@staff</a>   | 29-Apr-1992 06:14 | 1k   |
|  | <a href="#">wwwtest.5@html</a>    | 24-Aug-1993 14:21 | 1k   |
|  | <a href="#">wwwtest.@html</a>     | 26-Aug-1993 11:53 | 1k   |
|  | <a href="#">wwwtest.@staff</a>    | 14-Dec-1992 06:28 | 1k   |
|  | <a href="#">wwwtest.history</a>   | 02-Oct-1993 19:21 | 125k |
|  | <a href="#">wwwtest.html</a>      | 26-Aug-1993 11:55 | 1k   |
|  | <a href="#">wwwtest.inst\$var</a> | 29-Apr-1992 06:20 | 1k   |
|  | <a href="#">wwwtest.lastnews</a>  | 14-May-1985 04:29 | 1k   |
|  | <a href="#">wwwtest.newslst</a>   | 23-Apr-1986 06:02 | 1k   |
|  | <a href="#">wwwtest.owners</a>    | 01-Oct-1993 18:34 | 3k   |
|  | <a href="#">wwwtest.staff</a>     | 26-Apr-1993 18:59 | 1k   |
|  | <a href="#">wwwtest192.backup</a> | 03-Jul-1998 10:06 | 3k   |

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*Apache/1.3.12 Server at www.slac.stanford.edu Port 80*

File /afs/slac.stanford.edu/www/archive/1993/SLACVM/wwwtest/192/rl2981/README

On 30 Jun 1998 restored currently existing backup copy #27\* (on tape cartridge RL2981) of userid WWWTEST minidisk 192 via the CMS RECOVER command to WINTERS virtual reader. Before I could get to it, the files were written to tape and deleted from my virtual reader by SPCLEAN. On July 3, I recovered them from the SPCLEAN tape to my reader via GETSPOOL and from there read the files in via "RECEIVED / (OLDDATE" in RDRLIST to WINTERS 292 (a SPACE TEMPDISK).

This is the remaining fall VM backup tape, taken 10/6/93, shortly before the first publicized major installation of an "official" new page structure in the central SLAC "production" Web (November 19, 1993). See /afs/slac/www/archive/19??/slac/www/how-to-use/systemchange.html for a summary.

Then copied all the RECOVERed files plus five files on the recovery and migration process from SLACVM to UNIX. Used an NFS mount?? in UNIX of the SLACVM WINTERS 292 minidisk, followed by a UNIX copy of all those files to the subdirectory /afs/slac.stanford.edu/www/archive/1993/SLACVM/wwwtest/192/rl2981. (A summary of UNIX commands is in file unix-commands.)

WWWTEST 192 is the public "test" minidisk for WWW pages in SLACVM.

More specifically, from the CMS RECOVER list of backup tapes on 6/30/98\* selected:

27\* ) WWWTEST 0192 dumped to file 25 of tape RL2981 on 10/06/93 at 03:39:45

See file wwwtest192.backup (named WTEST192 BACKUP in VM due to the eight-character filename and filetype limitation) for the entire list of currently existing backups (created from XSHOW capture of RECOVER command output).\* Note that I named earlier files like this that contained a backup list, e.g., wwwtest.192. The new format is intended to make the origin of the information immediately clear.

\* Since I inadvertently ERASEd the June 30th version of file WTEST192 BACKUP, the item number of the backup tape in the original RECOVER list may have been slightly different from 27, which was the item number when I recreated the RECOVER list on July 3rd. This change happens because incremental backup files more frequent than once a quarter periodically fall off the list and the tapes are recycled into the backup pool.

RECOVER submitted VM batch job JCW106 from userid WINTERS on 6/30/98. The job was run shortly afterwards. Its batch console output is in file winters.jcw106.

Of a total of 316 files on the SLACVM WWWTEST 192 minidisk of 10/06/93, 54 were user-visible "test" pages (i.e., named either / HTML/ or / INDEX/ where the slashes [/] delimit strings). The rest are older versions of public test files plus a few "INSTALL" files about the contents of the minidisk. In inverse chronological order of last update, the public test pages (from "FILELIST (STATS" command output+) are:

| Filename | Filetype | Fm | Format | LRECL | Records | Blocks | Date | Time | Label |
|----------|----------|----|--------|-------|---------|--------|------|------|-------|
|----------|----------|----|--------|-------|---------|--------|------|------|-------|

|           |       |      |     |     |   |          |          |      |
|-----------|-------|------|-----|-----|---|----------|----------|------|
| BINLIST   | INDEX | A1 V | 80  | 21  | 1 | 10/03/93 | 2:05:30  | SPC2 |
| SLACWIDE  | HTML  | A1 V | 114 | 82  | 2 | 10/02/93 | 2:00:59  | SPC2 |
| SLAC      | HTML  | A1 V | 116 | 178 | 3 | 10/01/93 | 23:36:40 | SPC2 |
| NEWSLAC   | HTML  | A1 V | 116 | 176 | 3 | 9/30/93  | 21:44:14 | SPC2 |
| SCS       | HTML  | A1 V | 108 | 16  | 1 | 9/23/93  | 9:50:55  | SPC2 |
| GRABBAG   | HTML  | A1 V | 111 | 44  | 1 | 8/30/93  | 23:09:11 | SPC2 |
| HYPERTEX  | HTML  | A1 V | 154 | 39  | 1 | 8/26/93  | 20:46:14 | SPC2 |
| INTERNET  | HTML  | A1 V | 107 | 224 | 3 | 8/26/93  | 20:29:00 | SPC2 |
| FPEJMW    | HTML  | A1 V | 116 | 171 | 3 | 8/26/93  | 20:00:59 | SPC2 |
| WWWTEST   | HTML  | A1 V | 110 | 36  | 1 | 8/26/93  | 18:55:01 | SPC2 |
| WWWINTRO  | HTML  | A1 V | 119 | 91  | 1 | 8/25/93  | 2:02:30  | SPC2 |
| OLDSLAC   | HTML  | A1 V | 80  | 148 | 2 | 8/25/93  | 0:46:10  | SPC2 |
| FPJMW     | HTML  | A1 V | 119 | 91  | 1 | 8/25/93  | 0:45:27  | SPC2 |
| SLACINST  | HTML  | A1 V | 112 | 72  | 1 | 8/24/93  | 22:30:42 | SPC2 |
| SLACFAC   | HTML  | A1 V | 105 | 26  | 1 | 8/24/93  | 22:27:31 | SPC2 |
| HELP      | INDEX | A1 V | 70  | 40  | 1 | 8/24/93  | 22:01:29 | SPC2 |
| UNIX      | HTML  | A1 V | 118 | 49  | 1 | 8/24/93  | 21:56:23 | SPC2 |
| WWWBIBL   | HTML  | A1 V | 117 | 68  | 1 | 8/23/93  | 22:33:56 | SPC2 |
| FHMAIN    | HTML  | A1 V | 82  | 40  | 1 | 8/18/93  | 21:25:17 | SPC2 |
| FHEDITOR  | HTML  | A1 V | 72  | 86  | 1 | 8/18/93  | 21:18:16 | SPC2 |
| FHEMAIL   | HTML  | A1 V | 50  | 23  | 1 | 8/18/93  | 21:06:46 | SPC2 |
| FHSUBJS   | HTML  | A1 V | 73  | 90  | 1 | 8/18/93  | 20:24:19 | SPC2 |
| FHICON    | HTML  | A1 V | 60  | 7   | 1 | 8/18/93  | 19:51:29 | SPC2 |
| CLONE     | INDEX | A1 V | 52  | 12  | 1 | 6/17/93  | 17:11:30 | SPC2 |
| JUNK      | HTML  | A1 F | 80  | 20  | 1 | 6/14/93  | 12:27:36 | SPC2 |
| DEFAULTX  | HTML  | A1 V | 106 | 54  | 1 | 6/12/93  | 19:09:18 | SPC2 |
| CLONE     | HTML  | A1 V | 75  | 9   | 1 | 6/12/93  | 19:06:14 | SPC2 |
| SSC       | HTML  | A1 V | 75  | 9   | 1 | 6/12/93  | 18:54:14 | SPC2 |
| DEFAULT   | HTML  | A1 V | 72  | 45  | 1 | 6/12/93  | 18:21:55 | SPC2 |
| SSC       | INDEX | A1 V | 52  | 12  | 1 | 6/12/93  | 18:12:56 | SPC2 |
| SLACPREP  | HTML  | A1 V | 72  | 38  | 1 | 6/11/93  | 17:01:12 | SPC2 |
| HELPHPE1  | HTML  | A1 F | 80  | 20  | 1 | 6/05/93  | 21:37:03 | SPC2 |
| HELPHPEPC | HTML  | A1 V | 73  | 48  | 1 | 6/02/93  | 20:24:00 | SPC2 |
| HELPHPEPB | HTML  | A1 F | 80  | 45  | 1 | 6/02/93  | 19:25:03 | SPC2 |
| HELPHPEPF | HTML  | A1 F | 80  | 77  | 2 | 6/02/93  | 19:24:26 | SPC2 |
| HELPHPEPO | HTML  | A1 F | 80  | 50  | 1 | 6/02/93  | 17:45:56 | SPC2 |
| HELPHPEPQ | HTML  | A1 F | 80  | 24  | 1 | 6/02/93  | 15:18:32 | SPC2 |
| HELPHPEPS | HTML  | A1 F | 80  | 26  | 1 | 6/02/93  | 14:53:01 | SPC2 |
| HEP       | INDEX | A1 V | 72  | 36  | 1 | 5/20/93  | 23:55:49 | SPC2 |
| CRUISE    | HTML  | A1 V | 73  | 17  | 1 | 4/29/93  | 22:59:59 | SPC2 |
| SLACVOID  | HTML  | A1 V | 74  | 9   | 1 | 4/19/93  | 20:48:19 | SPC2 |
| ABSTRACT  | INDEX | A1 V | 72  | 23  | 1 | 3/21/93  | 13:35:06 | SPC2 |
| W3DOCS    | HTML  | A1 V | 88  | 26  | 1 | 3/10/93  | 15:08:16 | SPC2 |
| BULL1     | HTML  | A1 V | 72  | 27  | 1 | 2/08/93  | 22:01:31 | SPC2 |
| BULL7     | HTML  | A1 V | 69  | 32  | 1 | 2/08/93  | 22:00:24 | SPC2 |
| BULL14    | HTML  | A1 V | 79  | 35  | 1 | 2/08/93  | 21:58:06 | SPC2 |
| ABSTRACT  | HTML  | A1 V | 79  | 9   | 1 | 1/26/93  | 10:22:02 | SPC2 |
| SSCN9301  | HTML  | A1 V | 79  | 121 | 2 | 1/22/93  | 11:56:15 | SPC2 |
| SSCNEWS   | HTML  | A1 V | 62  | 7   | 1 | 1/22/93  | 11:52:24 | SPC2 |
| W3GOPH    | HTML  | A1 V | 53  | 214 | 2 | 1/19/93  | 9:53:44  | SPC2 |
| CCG-6     | HTML  | A1 V | 72  | 180 | 3 | 12/11/92 | 11:27:47 | SPC2 |
| TEST      | HTML  | A1 V | 76  | 269 | 3 | 12/02/92 | 21:27:39 | SPC2 |
| PO921130  | HTML  | A1 V | 73  | 269 | 3 | 12/02/92 | 21:16:40 | SPC2 |
| TODO      | HTML  | A1 F | 80  | 9   | 1 | 9/02/92  | 14:02:15 | SPC2 |

Note that some pages provided for group rather than full public testing, e.g., FPEJMW HTML and NEWSLAC HTML, as alternative structures were explored.

+ As defined in "HELP CMS FILELIST", the STATS option produces the following output:

## STATs

lists the following information about the specified files:

- o File identifier or directory identifier
- o Format and logical record length of the file
- o Number of records and number of blocks in the file
- o Date and time of last update.

See the "Examples" for a sample display using the STATS option.

To find, almost always, the author(s) of a file:

- 1) Look near the bottom (or top) for the file's "owner", the person(s) with primary responsibility for the page at the time the page was most recently updated before this backup was made.
- 2) Look in the file WWWTEST OWNERS for the filename and filetype, e.g., SLAC HTML. The name(s) to the right are the userid(s) of the owner(s) with the primary owner first.
- 3) Look in the file WWWTEST HISTORY for an entry each time a file of a given name was modified. This includes when it was "owned", created, replaced, reverted, or erased. Note that in some cases the content of a particular filename may change significantly over time, e.g., GRABBAG HTML, which shed various parts to new pages like VENDORS HTML and LOCRES HTML as the parts grew.
- 4) For a number of pages, updates were logged via HTML comments at the end of the file, e.g., SLAC HTML and WWWINTRO HTML.

Sources 2 and 3 result from WWWTEST 192 being a SLAC "INSTALL" minidisk. Occasionally, especially in the early days, a generic userid like WWW or WWWTEST was used to INSTALL a file.

In addition, 11 were user-visible, test executable files (i.e., named / EXEC/ or / MODULE/ where the slashes [/] delimit a string), to wit:

| FileName | Filetype | Fm | Format | LRECL | Records | Blocks | Date     | Time     | Label |
|----------|----------|----|--------|-------|---------|--------|----------|----------|-------|
| FHGET    | EXEC     | A2 | V      | 79    | 340     | 3      | 9/21/93  | 14:43:27 | SPC2  |
| FSEARCH  | EXEC     | A1 | V      | 72    | 124     | 2      | 9/07/93  | 20:48:20 | SPC2  |
| VMNGET   | EXEC     | A1 | V      | 62    | 71      | 1      | 6/18/93  | 12:40:16 | SPC2  |
| SLDGET   | EXEC     | A1 | V      | 101   | 305     | 2      | 6/18/93  | 12:24:04 | SPC2  |
| FGET     | EXEC     | A2 | V      | 66    | 122     | 1      | 5/13/93  | 9:29:12  | SPC2  |
| ORAGET   | EXEC     | A1 | V      | 76    | 176     | 2      | 4/05/93  | 20:17:41 | SPC2  |
| VMSNGET  | EXEC     | A1 | V      | 56    | 25      | 1      | 2/05/93  | 14:26:23 | SPC2  |
| VMHIGET  | EXEC     | A1 | V      | 59    | 52      | 1      | 1/22/93  | 14:00:46 | SPC2  |
| ORSELECT | EXEC     | A2 | V      | 72    | 482     | 5      | 12/08/92 | 16:00:07 | SPC2  |
| BESGET   | EXEC     | A1 | V      | 53    | 19      | 1      | 11/20/92 | 13:49:54 | SPC2  |
| ACGET    | EXEC     | A2 | V      | 82    | 137     | 2      | 8/20/92  | 9:53:00  | SPC2  |

Some?? were user exits called by the WWW server.??

For a list of all the files recovered plus three files created related to the recovery plus a record of the WINTERS CMS environment in which the recovery occurred (in file CMS PRESERVE, also recreated July 3rd--see \* footnote above), see winters.filelist (created by SAVEing the output of a FILELIST command). A list of all the files on the backup tape (which should be the same as all the files recovered and is via COUNT

7/4/98) is in the batch job output winters.jcw106.

For a list of all the files moved to UNIX (which should include all the files in the winters.filelist file), see winters.ls (which also lists the unix-commands file, plus).

In summary, for more details about the recovery from VM backup and move from SLACVM to SLAC UNIX, see the following files:

README [created in SLACVM about entire migration, named README RL2981]  
    wwwtest192.backup  
    winters.jcw106  
    winters.filelist

    unix-commands [created in UNIX]  
        winters.ls

See also files in subdirectory /afs/slac/www/archive/SLACVM for generally applicable information, e.g., information about SLAC's INSTALL model and command.

4 Jul 1998

Joan M. Winters

# SLAC Placeholder Page

SLAC 3 Nov 1993

Someday there will be text here.

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Winters