Newsgroups: comp.infosystems.www

From: pjoslin@mbvlab.wpafb.af.mil (Paul Joslin (Sverdrup))
Subject: Re: running programs on a WEB page?
Date: 9 Dec 1993 15:15:21 GMT

In article <swood.755430269@vela.acs.oakland.edu>, Scott Wood (swood@vela.acs.oa
: Is it possible to have a HREF point to the output of a program that is
: to be run when the user selects that item?

: As an example, what gave me the idea is that I have a calendar file
: that includes current hunting/fishing seasons in Michigan. When I log
: in, my .login runs the calendar program accross that file and reminds
: me of current openings/closings. I would like to make this
: information available on my club web page without having to run the
: program every day.

: thanks in advance for any responses.

: swood

This is easy to do. The catch is (at least with NCSA httpd) the
program must reside in /htbin or /htbin-post (or possibly a
/ScriptAlias dir? I haven't played with that). Check out the scripts
in the httpd_1.0ax/htbin/src dir, or send email, and I'll mail an example.

--

Paul R. Joslin +1 513 255 1115
Newsgroups: alt.hypertext

From: kevinh@eitech.eit.com (Kevin Hughes)
Subject: Announcing the www-courseware and www-literature mailing lists
Date: 9 Dec 1993 13:07:42 -0800

Two mailing lists, www-courseware and www-literature are up!
To subscribe, send mail to either www-courseware-request@eit.com or www-literature-request@eit.com with the body:

subscribe <your email address>

Hopefully everything should be working properly - if not, send errors and bug reports to kevinh@eit.com.

As a guideline, discussion on the literary list should be limited to
Web literature. That may mean general discussion of:

* new or existing literary resources/works on the World-Wide Web, and
* groups or organizations that wish to provide or are providing
  such works on the Web.

Discussion on the courseware list may include general discourse on:

* new or existing educational applications of the World-Wide Web, and
* groups or organizations that wish to provide or are providing
  such applications on the Web.

--

+--------+ Kevin Hughes +--------+ The problem with the future is + 667567
| Internet: kevinh@eitech.com | that it usually arrives before | 617A69
+--------+ I dont speak for EIT +--------+ we're ready for it. + 72756C
* Hypermedia Industrial Designer ** Generation X'er ** Hacker/Slacker * 657321
Newsgroups: comp.infosystems.www

From: aktg8986@uxa.cso.uiuc.edu (Aleksandar K Totic)
Subject: Re: MacMosaic and xmosaic incompatibilities/bugs/suggestions
Date: 9 Dec 1993 19:55:15 GMT

ashwin@cc.gatech.edu (Ashwin Ram) writes:
> ....
> So we need to make at least compressed postscript and RTF available; we need
> these to be readable from xmosaic, Mac Mosaic, and PC Mosaic; and we need
> everything to work without any user customization and without any user
> knowledge of underlying implementations, formats, and other details. If it's
> too hard, people simply won't use it.
> ....
> this problem now. Any and all suggestions would be most appreciated.

Postscript viewing on a Macintosh is a big problem. The current port of
GhostView is not very user friendly. The biggest problem is the interface,
which is the result of porting a program from Unix. Source code is available,
and if someone changed the user-interface bit, he would do great service to
the Mac community.

Aleks
--
Aleksandar Totic
Software Development Group
National Center for Supercomputing Applications

atotic@ncsa.uiuc.edu
In article <1993Dec10.110132.17776@infodev.cam.ac.uk>, tribble@mail.ast.cam.ac.u

Now the query: how do I write the url so that I can specify
which news server someone who accesses the page actually talks to.
I would expect to use the url news://my-news-server/my.news.group,
and then anyone who selects the link will read it from the nntp
server specified in the url, rather than the one set up in their
environment/browser. But as far as I can see you can't specify
the nntp server in the url. Or is there any other way round this?

I'm probably not telling you anything you don't already know, but under
help on URLs (mosaic2) it says:

Currently, network clients like NCSA Mosaic don't allow you to specify a news
server like you would normally expect (e.g.,
news://news.yoyodyne.com/rec.gardening); this may be coming down
the road but in the meantime you will have to specify your local news server via
other method. The most common method is to set the environment variable
NNTPSERVER to the name of your news server before you start Mosaic.

I agree that it's kind of a bummer. I'll bet there's a good reason for
them to have not made news URLs work like you might expect -- hopefully
they'll find time to change that...

-------------------------------
Jeremy Payne
UIUC Neuroscience program /
College of Medicine
jrpayne@uiuc.edu
(217)244-4478
-------------------------------
Received: from SLACVM by SLACVM.SLAC.STANFORD.EDU (Mailer R2.08 R208004) with
    BSMTP id 1393; Mon, 13 Dec 93 09:43:16 PST
Received: from hebe.SLAC.Stanford.EDU by SLACVM.SLAC.STANFORD.EDU
    (IBM VM SMTP V2R1) with TCP; Mon, 13 Dec 93 09:43:15 PST
Received: by hebe.SLAC.Stanford.EDU (AIX 3.2/UCB 5.64/SLAC 920508)
    id AA94865; Mon, 13 Dec 1993 09:43:38 -0800
Date: Mon, 13 Dec 1993 09:43:38 -0800
From: bebo@unixhub.SLAC.Stanford.EDU
Message-Id: <9312131743.AA94865@hebe.SLAC.Stanford.EDU>
Subject: NCSA Mosaic for X 2.1 available
To: bebo@slacvm.SLAC.Stanford.EDU

From: marca@ncsa.uiuc.edu (Marc Andreessen)
Subject: NCSA Mosaic for X 2.1 available
To: www-talk@www.cern.ch, mosaicdev@ncsa.uiuc.edu
X-Envelope-To: BEBO@UNIXHUB.SLAC.STANFORD.EDU
Content-Transfer-Encoding: 7BIT
Content-Length: 5390

NCSA Mosaic for X 2.1 is now available.

...ftp.ncsa.uiuc.edu in /Mosaic:

  o Source in /Mosaic/Mosaic-source.

  o Binaries for SunOS 4.1.3, AIX 3.2.4 with XL1R5, IRIX 4.x,
    DEC Alpha (OSF/1), DEC Ultrix, and HP/UX 9.x (700-series) in
    /Mosaic/Mosaic-binaries.

  o Source diffs in /Mosaic/Mosaic-source/diffs.

As always, thanks for all the feedback -- 2.1 fixes many user-reported
bugs.

If you have any comments, questions, or problems with Mosaic 2.1,
please send mail to mosaic-x@ncsa.uiuc.edu. Also please drop us a
note if you enjoy using Mosaic or if you are using it in any
interesting projects or applications -- we love to hear from our
users!

Changes from version 2.0 to version 2.1 include:

  o Remote control users and script writers take note: control filename
    changed from /tmp/xmosaic.pid to /tmp/Mosaic.pid. This
    is the final such change, forever.
  o Transparent uncompression over HTTP/1.0 is working -- Plexus
    3.0i-beta is known to handle the server-side aspects, and the first
    release of NCSA httpd after 1.0a5 will. Only content encodings
    "x-compress" and "x-gzip" are currently handled.
  o Transparent uncompression for local files is now working.
  o Mail sending from within Mosaic is redone. Notably:
    o mailCommand resource is now totally obsolete.
    o sendmailCommand resource is now expected to point to
      your system's sendmail binary; default is
      /usr/lib/sendmail. Assumption is made that this
      program accepts command-line arguments specifying
      addresses to which message should be mailed, and accepts other
headers and message text from stdin.

- Mailed messages are now MIME-compliant, including use of proper content-types.
- Additional header X-URL is used to indicate the URL of a mailed document to the recipient.
- A BASE directive is added to mailed HTML documents to allow inline images and relative hyperlinks to work on the other end.
- Mosaic 1.2's multiline FTP response fixes (courtesy John Ockerbloom) merged in, and tweaks made.
- Added support for freeWAIS 0.202's URL type in native WAIS code.
- Added support for "204 NoResponse" responses in HTTP/1.0. When such a response is received, Mosaic will not go to a new document or an error message but will completely disregard the results of the connection.
- Status line now displays "xx of yy bytes" when talking to an HTTP/1.0 server that tells it content-length. (For small transfers this may not happen, which is to be expected, as header and entire data block transfer will be very close together.)
- Worked around BadWindow crash under Ultrix with Edit Hotlist window.
- Worked around BadWindow crash under Ultrix with ISINDEX forms and text entry areas.
- Glitch with formatting long lines in some cases fixed.
- Fixed rare coredump opportunity in SELECT/OPTION handling.
- Fixed rare uninitialized memory read in widget selection code.
- Fixed another coredump opportunity in inlined image loading.
- Fixed coredump opportunity in client-side authentication code with long (>48 character) realm names.
- Mosaic no longer tries to pick up final reply from FTP servers, to thwart those servers that don't seem to be responding to the final reply read. Also should make FTP performance a little better. This may be an evil thing to do (since Mosaic may now tear down the socket before the FTP server has finished writing to it); I'm not sure.
- Rob says: "It appears on first glance that Mosaic 2.0 is ignoring anchors in redirected URLs." He was right, and it's now fixed.
- Made a few fixes in PostScript printing code: corrected header generation, and fixed width handling (thanks to Gustaf Neumann).
- Tweaked reloading code to avoid strange error message.
- Mosaic now assumes that text documents beginning with string "<BASE" or "<base" are HTML -- this makes it easy to use Mosaic as a metainail viewer for HTML documents mailed from this version of Mosaic.
- Merged in donated fixes for 6-bit and 16-bit displays. These aren't guaranteed to work as we have no way to test them.
- Fixed missing closing ADDRESS tag in news articles.
- Fixed condition in WAIS source parser that caused it to lose track of its state if escaped characters were inside quotes (thanks to Larry Masinter).
- Fixed FTP code to allow ftp://username:password@host/ URLs (thanks to Larry Masinter).
- This version of Mosaic supports the GIF89 transparent color extension. You can create GIFs with a transparent background color with the latest beta of netpbm and its ppmtogif filter (you can FTP that from ftp.cs.ubc.ca in /ftp/archive/netpbm if you're desperate).
- Merged in SOCKS modifications from Ying-Da Lee
(ylee@syl.dl.nec.com); for the version of SOCKS needed to compile
with SOCKS support enabled, see here; note that SOCKS and the SOCKS
code now in Mosaic are NOT supported by NCSA.
- Fixed memory problem with trackFullURLs set to false (that
  option still doesn't work in all cases, but at least it does something
  reasonable now).
- Tweaks for compilation on various platforms.

Cheers,
Marc & Eric

--
Marc Andreessen & Eric Bina
Software Development Group
National Center for Supercomputing Applications
marca@ncsa.uiuc.edu & ebina@ncsa.uiuc.edu

--

Bebo White
Stanford Linear Accelerator Center
e-mail: bebo@slac.stanford.edu
phone: 415-926-2907
fax: 415-926-3329
MAIL$TMP FILE  1  Dated 12/13/93 09:46:50  From disk BEBL91  Page 1

Received: from SLACVM by SLACVM.SLAC.STANFORD.EDU (Mailer R2.08 R208004) with
BSMTP id 1403; Mon, 13 Dec 93 09:43:28 PST
Received: from hebe.SLAC.Stanford.EDU by SLACVM.SLAC.STANFORD.EDU
(IBM VM SMTP V2R1) with TCP; Mon, 13 Dec 93 09:43:26 PST
Received: by hebe.SLAC.Stanford.EDU (AIX 3.2/UCB 5.64/SLAC 920508)
id AA94868; Mon, 13 Dec 1993 09:43:50 -0800
Date: Mon, 13 Dec 1993 09:43:50 -0800
From: bebo@unixhub.SLAC.Stanford.EDU
Message-Id: <9312131743.AA94868@hebe.SLAC.Stanford.EDU>
Subject: NCSA httpd 1.0
To: bebo@slacvm.SLAC.Stanford.EDU

>> From: robm@ncsa.uiuc.edu (Rob McCool)
>> Subject: NCSA httpd 1.0
>> To: www-announce@www0.cern.ch, www-talk@www0.cern.ch
>> X-Envelope-To: BEBO@UNIXHUB.SLAC.STANFORD.EDU
>> X-Mailer: Mail User's Shell (7.2.5 10/14/92)
>> Content-Transfer-Encoding: 7BIT
>> Content-Length: 1175
>>
>> NCSA httpd 1.0 is now available at URL http://hoohoo.ncsa.uiuc.edu/docs/ or
>> via FTP from ftp.ncsa.uiuc.edu in /Web/ncsa_httpd/httpd_1.0.
>>
>> This is the first non-alpha release, which explains why the version number
>> is actually readable. If you have been waiting to upgrade your server,
>> this should be the release to do it with.
>>
>> Several minor things have changed since 1.0a5, please see the
>> upgrade notes at http://hoohoo.ncsa.uiuc.edu/docs/Upgrade.html if you are
>> upgrading a server.
>>
>> Really quickly:
>>
> o the htbin stuff is no longer distributed, CGI/1.0 versions of your old
> favorites are included instead
> o the NCSA script interface (htbin) is still supported via
>   OldScriptAlias, with the default ScriptAlias pointing to CGI scripts.
> o A CGI version of imagemap is included, the only differences
   being that you have to manually set the config. file location if your
   ServerRoot is not /usr/local/etc/httpd, and that the file references in
   *.map are virtual instead of physical now.
> o The AddType directive now works
> o NCSA POST scripts have REMOTE_HOST set
>
As usual, comments/questions to httpd@ncsa.uiuc.edu

--Rob
  
--
Bebo White
Stanford Linear Accelerator Center
e-mail: bebo@slac.stanford.edu
phone: 415-926-2907
fax: 415-926-3329
From: decoux@moulon.inra.fr (ts)
Subject: ACeDB, Oracle

ACeDB

source for CGI 1.0 and ACeDB is in:

executable for sun4/SunOS 4.1.3

documentation is:
http://moulon.inra.fr/acedb_conf_eng.html

Oracle

source for CGI 1.0 and Oracle:

documentation is:
http://moulon.inra.fr/oracle/another.html

Guy Decoux

As Bebo White
Stanford Linear Accelerator Center
email: bebo@slac.stanford.edu
phone: 415-926-2907
fax: 415-926-3329
From: Tim Berners-Lee <timbl@www3.cern.ch>
Subject: EDI and WWW
To: ietf-edi@byu.edu
Cc: Multiple recipients of list <ietf-edi@byu.edu>, www-talk@www0.cern.ch,
dsr@hplb.hpl.hp.com
Reply-To: timbl@www0.cern.ch
X-Envelope-To: BEBO@UNIXHUB.SLAC.STANFORD.EDU
Content-Transfer-Encoding: 7BIT
Content-Length: 4576

>From: sdw@meaddata.com (Stephen Williams)
>To: Multiple recipients of list <ietf-edi@byu.edu>

I cross-post this to www-talk, as WWW should be aware of EDI.

For wwwizards: There is discussion
in ietf-edi for doing EDI (electronic commercial transactions) over
the Internet. EDI seems to be like using forms with email submission,
with a forms language which HTML+ ought_ to be able to subsume.
I suggest someone get hold of the specs and
competition, or that they are just two of many approaches to electronic commerce?

Stephen Williams said:
> They are going to interoperate, if I have to write the software myself... :-)

Aaagh, the Internet spirit!

In the commercial setting, it is definitely competition. The X.400 VANs already offer non-X.435 EDI and have promised X.435 upgrades. They can show working, off-the-shelf software.[...] businesses are placing their efforts on X.400 and the INTERNET has lost this race even before they entered it, except for those organizations that are already on the INTERNET.

Only until we create it and standardize on it.

We really should have done this long ago. Can anyone provide us with stripped down X.400/X.435 code/specs? The X.400 stuff should be available from the pp/isode distributions. The X.435 could probably be attained just by typing in the ASN.1 specs.

I would be interested in a copy -- anyone prepared to fax it to me even if its not online? Or is there an ECMA equivalent number for this ANSI spec?

[...]

I submit that we should get an X.435 message packer/unpacker package together with no transport mechanism bound in and then decide how to map that onto MIME. If it's exactly compatible, we should be able to catch up quickly.

HTTP is a bit ahead of MIME with the forms DTD here -- as HTTP uses MIME for messages (just does them interactively) it shouldn't make a lot of difference.

Adding encryption/signatures, etc. might give us an edge also, ala cypherpunks. Remailer techniques could even be used for non-repudiation, auditing, or anon support.

What are the requirements for 'fast-batch'? SMTP is pretty fast, especially if you run a few parallel sessions (my experience is watching the wire with csclip to Internet).

Just watch HTTP.

EDI deliver will also have an interesting (IMHO) influence on IIN. The network that can readily carry the commerce of the nation will be the network that the government will want to see grow...

Aside from that, do we really want to draw the line and say that a particular information item is commercial, and therefore
shough use one paradigm, set of protocols, etc, and another
is not really commercial so will use the same paradigm as
the web, news, and mail? Of course not. Such lines do not
exist. We want to put the features, such as security and
common formats, in in a totally orthogonal way, so that they
can all be blissfully used together. And it shouldn't be
difficult. :-)
I just had to forward this one too! - tim

Date: Tue, 14 Dec 1993 08:33:52 -0700

I just returned from the interim meeting of X12 Subcommittee J, Technical Assessment, in Scottsdale. The health care industry is really pushing interactive EDI, which they characterize as real-time, immediate response rather as opposed to normal, batch EDI. The rationale:

"Providers of health care are demanding immediate access to clinical histories as well as payer coverage and delivery rules that effect how they might deliver or be reimbursed for services rendered. Payers desire the ability to manage patient access to available health care services by requiring justification for services before they are delivered. Patients expect that their insurance coverage will afford them immediate access to the care they require. When they enter the provider's office, patients expect that questions of coverage and reimbursement will not delay delivery of the care they need...."  

The health care industry has submitted to Subcommittee J business scenarios involving requestor (provider), service intermediary, and responder all linked through a dial-up connection, leased line, or a virtual private circuit. This industry believes immediate response EDI will be used not only by providers of health care, but the Health Care Finance Administration (HCFA); Medicaid; commercial payors, third-party administrators and Blue Cross/Blue Shield; and property and casualty companies.

The health care industry is now developing X12 guidelines for interactive EDI through Subcommittees N and C. I believe this subject may have a significant impact on the education community and its current and future EDI applications.

Betsy Bainbridge
AACRAO EDI Coordinator
I have written a quick primer on upgrading your /htdocs scripts to CGI scripts at http://hoohoo.ncsa.uiuc.edu/cgi/from-htdocs.html.

This document briefly discusses what has changed between httpd 1.0a5's script interface and the CGI interface. Hopefully this will avoid some confusion.

This document is linked from the upgrade notes at http://hoohoo.ncsa.uiuc.edu/docs/Upgrade.html.

--Rob

Bebo White
Stanford Linear Accelerator Center
e-mail: bebo@slac.stanford.edu
phone: 415-926-2907
fax: 415-926-3329
Received: from SLACVM by SLACVM.SLAC.STANFORD.EDU (Mailer R2.08 R208004) with
BSMTP id 6299; Thu, 16 Dec 93 10:04:28 PST
Received: from hebe.SLAC.Stanford.EDU by SLACVM.SLAC.STANFORD.EDU
(IBM VM SMTP V2R1) with TCP; Thu, 16 Dec 93 10:04:28 PST
Received: by hebe.SLAC.Stanford.EDU (AIX 3.2/UCB 5.64/SLAC 920508)
id AA99812; Thu, 16 Dec 1993 10:04:54 -0800
Date: Thu, 16 Dec 1993 10:04:54 -0800
From: bebo@unixhub.SLAC.Stanford.EDU
Message-Id: &lt;9312161804.AA99812@hebe.SLAC.Stanford.EDU&gt;
Subject: info re sgml product
To: bebo@slacvm.SLAC.Stanford.EDU

From: marca@ncsa.uiuc.edu (Marc Andreessen)
Subject: info re sgml product
To: www-talk@www0.cern.ch
X-Envelope-To: BEBO@UNIXHUB.SLAC.STANFORD.EDU
Content-Transfer-Encoding: 7BIT
Content-Length: 3235

From: newsbytes@clarinet.com
Newsgroups: clari.nb.general
Subject: SGML '93: Rainbow "SGML Enabler" Available On Internet 12/10/93
Keywords: Bureau-BOS
Date: 10 Dec 93 20:54:05 GMT

BOSTON, MASSACHUSETTS, U.S.A., 1993 DEC 10 (NB) -- Electronic
Book Technologies (EBT) has announced that Rainbow (RB), a
new "public technology platform" for easing the transition from
proprietary word processor (WP) data to Standard Generalized
Markup Language (SGML), is now available free of charge over the
Internet.

David Sklar, senior application developer at EBT and leader of a
team of SGML tool vendors that created Rainbow, told Newsbytes
that the new approach specifies a single Document Type Definition
(DTD) for use as an "enabler" between proprietary word processor
data formats and SGML. DTDs are used to designate rules for
SGML, an emerging standard for publication and delivery of
electronic information.

The DTD specified under Rainbow represents a variety of
proprietary word processor formats, said Sklar, in a meeting with
Newsbytes at SGML '93. The tool makers have also developed
"Rainbow Makers" for converting the proprietary WP information
into the Rainbow DTD.

Once a document is represented in basic Rainbow format, "Rainbow
Transformers" and other new tools can be used to extract the
richer SGML structures required by various industry-specific
DTDs, such as DocBook, J2008, RefBook, HTML, and AAP.

Sklar explained that SGML is gaining momentum in the
marketplace as organizations with large bodies of information --
such as technical manuals, maintenance procedures, catalogs, and
price lists -- begin to stabilize their data by converting to a
standard, vendor- and application-neutral format.
"(But) proprietary word processing formats are typically poorly documented, highly idiosyncratic, and subject to change without notice. Maintaining conversion tools that recognize such formats is thus a very expensive endeavor. The goal of Rainbow is to provide a stable data format to feed conversion tools, making the path to SGML much more affordable and increasing the shelf-life of such tools," he added.

Rainbow has obtained strong support from a number of leading SGML tool vendors, including SoftQuad, Exoterica, ArborText, and Database Publishing Systems, according to Sklar.

Rainbow Makers are currently available for several word processing formats, including Windows RTF (Rich Text Format), Interleaf, and Frame, Newsbytes was told. "But we are issuing a call to the industry for greater involvement in the Rainbow effort," Sklar told Newsbytes.

To obtain free copies of Rainbow Makers and the annotated Rainbow DTD anonymously via the Internet, use FTP server ftp.ebt.com.
Rainbow data is located in pub/outgoing/rainbow.

To receive notification of Rainbow DTD updates and events, as well as information on the status of Rainbow Makers, subscribe to the Rainbow information service. You can contact the information service by sending electronic mail to rainbow@ebt.com.

(Jacqueline Emigh/19931210/Reader contact: EBT, tel 401-421-9550; Press contacts: Kent Summers, EBT, tel 401-421-9550; Paul Lamoureux, Miller Communications for EBT, tel 617-536-0470)

--

Bebo White
Stanford Linear Accelerator Center
e-mail: bebo@slac.stanford.edu
phone: 415-926-2907
fax: 415-926-3329
Newsgroups: comp.infosystems.www

From: roeber@vxcrna.cern.ch (Frederick Roeber)
Subject: Re: W3 Server on VM/CMS
Date: Mon, 20 Dec 1993 09:15:55 GMT

In article <93351.085032BEBO@SLACVM.SLAC.STANFORD.EDU>, Bebo White <BEBO@SLACVM.>
> Out of curiosity, is SLAC the only site running a W3 server on VM/CMS?

Nope. CRNVMC, one of the CERNVM machines, has a server.
See http://crnvmc.cern.ch/ .

--
<a href="http://info.cern.ch/roeber/fgmr.html">Frederick.</a>
Hi Bebo, no, we are foolish as well. The reason at CERN is simple: We still have one year of full VM service and another two years of reduced service. The unix world is still in an immature state especially as standard environment and user support are concerned. Last not least I haven't ported my XFIND stuff over to UNIX precisely because of Xmosaic etc. which is used to browse these data.

Don't forget that WWW started on the basis of a XFIND server!
The only nuisance is that VM is still regularly down for maintenance and has started crashing again.

I started a full screen VM browser which even works except for indices. As Tim is not in hurry to pass on the flag telling me whether something is an index and I am not supposed to do anything on VM anyhow it was frozen before it ever went onto the P-disk. We have now the paradoxical situation that there are Writeups (CERN jargon for large CERN-made manuals) in XFIND which can only be browsed via Xmosaic and are unreadable on VM. When people complain we tell them that they shouldn't use VM anymore. Nasty, isn't it?

By the way we will soon have a fully compatible REXX on UNIX with the complete Bernard-Antoine-function-package and GLOBALV and EXECIO as well. Unfortunately there will be no CMS PIPES :-(

Nothing is well here, at least as far as the weather is concerned, it is just raining constantly. I wish you all the best for X-mas and the new year,

Cheers, Bernd

---

Date: Tue, 21 Dec 1993 09:08 -0800 (PST)
From: "Bebo White" <BEBO@SLACVM>
To: BERND@CERNVM.cern.ch
Subject: Re: WWW Server on CRNVMC

In-Reply-To: BERND@CERNVM.cern.ch -- 12/21/93 00:30

Bernd,

Thanks for your prompt reply -

So, no one has CERN has attempted to build a new WWW server with the latest library and server code (say after April, 1993)?

We'd like to try out your new VM WWW browser....

Happy Holidays,

Bebo
MAIL$TMP FILE       Al       Dated 12/22/93 08:35:14       From disk BEB191       Page 1

Received: from SLACVM by SLACVM.SLAC.STANFORD.EDU (Mailer R2.08 R208004) with
BSMTP id 3687; Mon, 20 Dec 93 14:11:12 PST
Received: from hebe.SLAC.Stanford.EDU by SLACVM.SLAC.STANFORD.EDU
   (IBM VM SMTP V2R1) with TCP; Mon, 20 Dec 93 14:11:12 PST
Received: by hebe.SLAC.Stanford.EDU (AIX 3.2/UCB 5.64/SLAC 920508)
   id AA20288; Mon, 20 Dec 1993 14:11:39 -0800
Date: Mon, 20 Dec 1993 14:11:39 -0800
Message-Id: <9312202211.AA20288@hebe.SLAC.Stanford.EDU>
Subject: Release of Lynx ver 2.1
To: bebo@slacvm.SLAC.Stanford.EDU

>> From: montulli@stat1.cc.ukans.edu (Lou Montulli)
>> Subject: Release of Lynx ver 2.1
>> To: lynx-dev@ukanaix.cc.ukans.edu
>> Cc: www-talk@www0.cern.ch, www-announce@www0.cern.ch
>> X-Envelope-To: BEBO@UNIXHUB.SLAC.STANFORD.EDU
>> X-Mailer: ELM [version 2.3 PL2]
>> Content-Transfer-Encoding: 7BIT
>> Content-Length: 3729
>>
>> Ho ho ho, Merry Christmas:
>>
>> Lynx Ver. 2.1 is now available for anonymous ftp from
>> FTP2.cc.ukans.edu    as  /pub/lynx/lynx2-1.tar.Z
>> and  /pub/lynx/lynx2-1.zip
>>
>> ( ftp://ftp2.cc.ukans.edu/pub/lynx/lynx2-1.tar.Z )
>> ( ftp://ftp2.cc.ukans.edu/pub/lynx/lynx2-1.zip )
>>
>> Lynx is a distributed hypertext browser with full World Wide Web
>> capabilities. For an explanation of features and a demo,
>> telnet to "www.cc.ukans.edu" and login as "www".
>>
>> This release of Lynx has been compiled by me on the following platforms:
>>
>>   o IBM (AIX 3.2)
>>   o DEC Ulitrix
>>   o DEC Alpha OSF/1
>>   o Sun 4
>>   o NeXT (Mine is an older version of NeXTStep, but it should work
>> with newer ones too.)
>>   o VMS (Multinet)
>>   o OpenVMS for Alpha AXP (Multinet)
>>
>> This release is rumored to compile on the following platforms:
>>
>>   o HP-UX (snake)
>>   o Solaris 2
>>   o SVR4
>>   o VMS (UCX)
>>   o LINUX
>>   o SGI
>>   o SUN 3
>>   o AIX 3.1
>>   o NeXTStep 3.x
>>
>> Binaries for the following platforms are available:
IBM (AIX 3.2, will work with 3.1 as well)
Ultranix
Alpha OSF/1
Sun 4
VMS (Multinet)
OpenVMS for Alpha AXP (Multinet)

A listserv list exists for the distribution of
Lynx related information and updates.
Lynx-Dev@ukanaix.cc.ukans.edu

Send a subscribe request to listserv@ukanaix.cc.ukans.edu to
be added to the list. All new releases will be announced on this
list. Please do not send subscribe requests to the Lynx-Dev
list directly.

The following new features have been added/changed:

* massive rewrite. Removed all Lynx internal format code and
  restructured all source files. Every piece of Lynx
code was rewritten or restructured or both. Enhanced
architecture and obtained modest increase in speed.

* The Lynx Bookmark file is now interpreted as an HTML document.
Old Lynx bookmark files must be converted using the lynx2html
program or deleted.

* HTML+ forms as implemented by X MOSAIC now work.
  Fill in the empty spaces and press the submit button to
  submit the form. (fun, fun, fun!)

* The text area tag isn't done yet. It will currently only
give one line text area. The next version of Lynx will
include a true text area implementation once I figure out a
reasonable interface.

* Incorporated WWWlib 2.14 and fixed up the descrip.mms files.
  Foteos Macrides made VMS port changes and wrote a really nice
  build.com script to make compilation on VMS systems really easy.
  Foteos alsoported Lynx to OpenVMS for alpha axp systems.

* "s" now only means search a searchable indexed document through the
  server, and can no longer be used to search for strings within
  the displayed document.

* "/'" now only searches through the current displayed document for
  strings and can not be used for server searching searchable index
  documents.

* Capital 'Q' now quits without asking for confirmation.
* 'm' for Main Menu now asks for confirmation and does NOT clear
  the history stack.

* Blockquote style changed slightly.
* Verbose Gopher option removed, verbose gopher functionality
  is now set permanently on.
* Default editor is now configurable in the lynx.cfg file.
* Default bookmark file is now configurable in the lynx.cfg file.
* Ownership is no longer inherited.

* <link rev="owner" href="mailto:ADDRESS" > now accepted as well as
  <link rev="made" href="mailto:ADDRESS" > to define the URL of the
  owner or person responsible for the info.

* 's' now only searches <isindex> server document.
* '/' always means search within the document.
* anonymous users cannot change the bookmark page! (security hole)
* added &nbsp; (non-breaking space), &ensp; and &emsp;
* fixed bug with &lt;a&gt; and other tags messing up formatting
  withing &lt;PRE&gt; segments.

: lou

--

Bebo White
Stanford Linear Accelerator Center
e-mail: bebo@slac.stanford.edu
phone: 415-926-2907
fax: 415-926-3329
MAIL\$TMP FILE  A1  Dated 12/22/93 08:35:23  From disk BEB191  Page  1

Received: from SLACVM by SLACVM.SLAC.STANFORD.EDU (Mailer R2.08 R208004) with BSMTP id 3727; Mon, 20 Dec 93 14:17:02 PST
Received: from hebe.SLAC.Stanford.EDU by SLACVM.SLAC.STANFORD.EDU
       (IBM VM SMTP V2R1) with TCP; Mon, 20 Dec 93 14:17:01 PST
Received: by hebe.SLAC.Stanford.EDU (AIX 3.2/UCB 5.64/SLAC 920508)
       id AA59501; Mon, 20 Dec 1993 14:17:29 -0800
Date: Mon, 20 Dec 1993 14:17:29 -0800
From: bebo@unixhub.SLAC.Stanford.EDU
Message-Id: <9312202217.AA59501@hebe.SLAC.Stanford.EDU>
Subject: Additions to the CGI archive
To: bebo@slacvm.SLAC.Stanford.EDU

>> From: robm@ncsa.uiuc.edu (Rob McCool)
>> Subject: Additions to the CGI archive
>> To: www-talk@www0.cern.ch, www-announce@www0.cern.ch
>> X-Envelope-To: BEBO@UNIXHUB.SLAC.STANFORD.EDU
>> X-Mailer: Mail User's Shell (7.2.5 10/14/92)
>> Content-Transfer-Encoding: 7BIT
>> Content-Length: 482
>>
>> An INCREDIBLE forms-based (but not required) archie gateway has been written
>> by Guy Brooker, guy@jw.estec.esa.nl, for CGI compliant servers. It's similar
>> to the ArchieFlex package by Martijn Koster.
>>
>> The package itself can be found at ftp.ncsa.uiuc.edu in
>> /Web/ncsa_httpd/cgi/archie.tar.Z, and a demonstration of its function can be
>> found at http://hoohoo.ncsa.uiuc.edu/archie.html. It's a must see.
>>
>> The package only requires the Bourne shell, awk, and the archie client.
>>
>> --Rob
>>
>>
--

Bebo White
Stanford Linear Accelerator Center
e-mail: bebo@slac.stanford.edu
phone: 415-926-2907
fax: 415-926-3329
gateway WWW-ACEDB

For these releases you must have a CGI server (Common Gateway Interface), like NCSA "httpd_1.0".

ACEDB 2.0
---------
demo : "http://moulon.inra.fr:8001/acedb/acedb.html" ACeDB

ACEDB 3.0
---------

Common characteristics
------------------------
* minimal configuration : you just have to put an URL in a document and create a helpfile.
* bibliography
* table maker
* map : genetic map, multi map, ...
If you have a client which accept tag <FORM> (like Lynx and Mosaic), you can select columns for genetic and features maps.
* DNA dump

Problem
-------
* don't implement class "_VImage"

More explanations are given in "http://moulon.inra.fr/acedb_conf_eng.html"

Guy Decoux
On Tue, 21 Dec 1993 09:08 -0800 (PST) you said:
> So, no one has CERN has attempted to build a new WWW server with the
> latest library and server code (say after April, 1993)?
No, I don't think so. However, as VM will still be around, and it is
still being updated regularly, I have to get at Tim to have the latest
updates for our VM version as well. In addition more and more people are
asking for our VM server/client and we can't satisfy their needs in an
organized way (the ftp server doesn't seem to work). We will see how
much we can do in this anti-VM climate, will depend mainly on Tim.
> We'd like to try out your new VM WWW browser....
It is closely related with the XFIND code, and as I said, I have only a
private and not finished version ... see comments above
By the way: how long will you be using VM?
What is your position to REXX on UNIX and do you have any comments about
what I said in my last mail?
>
> Happy Holidays,
Same to you,
    Bernd

Ps. Almost all computing stops at CERN to day at 12:00, so please answer
only next Year as of the 5th of Jan.
Received: from SLACVM by SLACVM.SLAC.STANFORD.EDU (Mailer R2.08 R208004) with
BSMTP id 0202; Mon, 03 Jan 94 10:02:45 PST
Received: from hebe.SLAC.Stanford.EDU by SLACVM.SLAC.STANFORD.EDU
(IBM VM SMTP V2R1) with TCP; Mon, 03 Jan 94 10:02:45 PST
Received: by hebe.SLAC.Stanford.EDU (AIX 3.2/UCB 5.64/SLAC 920508)
id AA69050; Mon, 3 Jan 1994 10:03:19 -0800
Date: Mon, 3 Jan 1994 10:03:19 -0800
From: bebo@unixhub.SLAC.Stanford.EDU
Message-Id: <9401031803.AA69050@hebe.SLAC.Stanford.EDU>
Subject: Lynx bug fixes
To: bebo@slacvm.SLAC.Stanford.EDU

From: montulli@statl.cc.ukans.edu (Lou Montulli)
Subject: Lynx bug fixes
To: lynx-dev@ukanaix.cc.ukans.edu, www-announce@www0.cern.ch
X-Envelope-To: BEBO@UNIXHUB.SLAC.STANFORD.EDU
X-Mailer: ELM [version 2.3 PL2]
Content-Transfer-Encoding: 7BIT
Content-Length: 2119

There were several bugs in the last release of Lynx version
2.1, several of them rather crippling. A new release has
been made to correct the vast majority of the bugs reported.

The new release is called lynx2-1-1 and is now out on
ftp2.cc.ukans.edu.

I will include the release announcement for Lynx 2.1 at the
bottom of this message for further reference.

We have also nearly completed a Lynx users guide and have
now made it available (in its slightly incomplete form)
as http://www.cc.ukans.edu/lynx_help/Lynx_users_guide.html
It is also linked into the default help files.

: lou
--

Lynx Ver. 2.1 (now 2.1.1) is now available for anonymous ftp from
FTP2.cc.ukans.edu as /pub/lynx/lynx2-1-1.tar.Z
and /pub/lynx/lynx2-1-1.zip
(ftp://ftp2.cc.ukans.edu/pub/lynx/lynx2-1-1.tar.Z)
(ftp://ftp2.cc.ukans.edu/pub/lynx/lynx2-1-1.zip)

Lynx is a distributed hypertext browser with full World Wide Web
capabilities. For an explanation of features and a demo,
telnet to "www.cc.ukans.edu" and login as "www".

This release of Lynx has been compiled by me on the following platforms:

- IBM (AIX 3.2)
- DEC Ultrix
- DEC Alpha OSF/1
- Sun 4
- NeXT (Mine is an older version of NeXTStep, but it should work
  with newer ones too.)
VMS (Multinet)
OpenVMS for Alpha AXP (Multinet)

This release is rumored to compile on the following platforms:
HP-UX (snake)
Solaris 2
SVR4
VMS (UCX)
LINUX
SGI
SUN 3
AIX 3.1
NeXTStep 3.x

Binaries for the following platforms are available:
IBM (AIX 3.2, will work with 3.1 as well)
Ulrix
Alpha OSF/1
Sun 4
VMS (Multinet)
OpenVMS for Alpha AXP (Multinet)

A listserv list exists for the distribution of Lynx related information and updates.
Lynx-Dev@ukanaix.cc.ukans.edu

Send a subscribe request to listserv@ukanaix.cc.ukans.edu to be added to the list. All new releases will be announced on this list. Please do not send subscribe requests to the Lynx-Dev list directly.

The following new features have been added/changed:

Deleted from here on....

--
Bebo White
Stanford Linear Accelerator Center
e-mail: bebo@slac.stanford.edu
phone: 415-926-2907
fax: 415-926-3329
MAIL$TMP FILE Al Dated 01/06/94 15:37:44 From disk BEB191 Page 1

Received: from SLACVM by SLACVM.SLAC.STANFORD.EDU (Mailer R2.08 R208004) with BSMTP id 5860; Thu, 06 Jan 94 09:46:53 PST
Received: from hebe.SLAC.Stanford.EDU by SLACVM.SLAC.STANFORD.EDU (IBM VM SMTP V2R1) with TCP; Thu, 06 Jan 94 09:46:52 PST
Received: by hebe.SLAC.Stanford.EDU (AIX 3.2/UCB 5.64/SLAC 920508) id AA80190; Thu, 6 Jan 1994 09:47:28 -0800
Date: Thu, 6 Jan 1994 09:47:28 -0800
From: bebo@unixhub.SLAC.Stanford.EDU
Message-Id: <9401061747.AA80190@hebe.SLAC.Stanford.EDU>
Subject: Re: WWW Conference URL
To: bebo@slacvm.SLAC.Stanford.EDU

>> From: cailliau@www1.cern.ch (Robert Cailliau)
>> Subject: Re: WWW Conference URL
>> To: BEBO@slac.stanford.edu
>> X-Envelope-To: BEBO@UNIXHUB.SLAC.STANFORD.EDU
>> Mime-Version: 1.0
>> Content-Type: text/plain; charset="us-ascii"
>> Content-Transfer-Encoding: 7BIT
>> X-Sender: cailliau@www1.cern.ch (Unverified)
>>
>> Bebo,
>
>> I was afraid that the other conference was the next step in NCSA's hostile
>> takeover of WWW.
>> Well, I'm not sure it's so hostile: if you have done all the good work, you
>> feel ownership. One cannot criticise what one has not done or is incapable
>> of doing... One of my arguments to the Europeans!
>>
>> I do hope that I can figure out some way to attend -
>> maybe if you put me on one of the committees?...
>> Well, what about library and preprint services? Or just HEP? Or: Schools!? 
>>
>> I would also like to suggest that we organize a joint session/panel
>> discussion for CHEP...
>> Yes. If *I* make it to CHEP. Now I have a long list of names of people,
>> here are some:
>>
>> Judy Nicholls nicholls@fnal.gov
>> Ruth Pordes ruth@fnal.gov
>> joe Carlson carlson@gmc.lanl.gov
>> Susan Coghlan smc@cnls.lanl.gov
>> Phil Wood cpw@cnls.lanl.gov ( <-- he does the los Alamos High School server)
>> Howard White bebo@slac.stanford.edu :)
>>
>> I gave Andrew a loan against the money CERN owes him...
>> OK, good. Glad you did it, I'll send an order soon.
>>
>> Anything else you might want from MacWorld?
>> Not really.
>>
>> Please give my best to Susan and the girls.
>> Done.
>>
>> Robert.
>>