Hurl_eng

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COLLABORATORS

	TITLE : Hurl_eng		
ACTION	NAME	DATE	SIGNATURE
WRITTEN BY	Stephen Bridges Torchia	August 7, 2022	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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```
                          Hurl (Handles URLs)
                Version 2.12
```

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1.2 forward

This is just a note to say that
Ralph Torchia
didn't format this AmigaGuide,
so any mistakes or inaccuracies you find are down to me and not to him.

I formatted this guide from the original doc. and added a few bits, as a
way to say thank you to Ralph for Hurl.

Stephen Bridges <steve@bh01.demon.co.uk>

1.3 disclaimer

Disclaimer:

This software is provided "as-is" and the author accepts no responsibility
for damage and/or loss of data/equipment resulting from the use of this
software.

1.4 introduction

So what is Hurl?

Hurl is a plugin for programs that have a URL grabber (i.e. YAM),
whereby it extends the capabilities of their built-in URL grabber.

1.5 features

So what can Hurl do?

Whenever a URL is double-clicked within, for example, YAM, Hurl will
either launch your web browser or save the URL to a browser's
hotlist/bookmark (It will also save to Conatact Manager if available).
Hurl is able to determine if your system is online and if a web
browser is available. If not Hurl will save the selected URL to the
assigned hotlists. Hurl can even allow the user to select what
actions to perform (saving versus going online), when a network
connection is not available.

1.6   requirements

Requirements:

  · Any program that allows "clickable" URLs, such as;
    Yam 2.0
    Thor
    NewsRog
    StrICQ
    mailtext.mcc

  · Miami, MiamiDX and/or Genesis
  · Any, or all, of the web browsers IBrowse, Voyager, and A-Web
  · Contact Manager (Optional)
  · OpenURL library
  · WBStart library
  · MUI

1.7   installation

                   Installation:

Please use the provided Installation script to install Hurl on your system.
Configuration of Hurl for use with YAM can also be done with the installation
Script

Once Hurl is installed you need to have OpenURL properly configured. Please
also see the OpenURL documentation of use of its preference program.

For quick setup of OpenURL's preferences please see the appropriate browser:

          IBrowse

          Voyager

          AWeb
            For each web browser set in OpenURL, Hurl will save grabbed URLs ←
               to that
browsers hotlist/bookmark. If you do not want Hurl to work with certain
browsers then do not set configure OpenURL prefs for a particular browser.
(or at least do not set a path to that browser).

Hurl will also save URLs to Contact Manager, if Hurl detects its presence
on a user's system.

Manual Installation
If you prefer to install Hurl manually then:

    Copy Hurl to "Yam:Rexx/"

Or any other location.

Configuration of YAM for use with Hurl:
     · In YAM's Config->Arexx, choose "When Double-Clicking on URL" and set

```
        options as follows:

         Filetype = AmigaDOS
         File     = "Yam:Rexx/Hurl" OR "YAM:Rexx/Hurl AUTO"
         [] Open Console window   {not selected}
         [] Wait for termination  {not selected}
```

  Configuration of other programs for use with Hurl:

   NewsRog:

      · Go to NewsRogs Multimedia->Multimedia Actions and set the options as
        follows:

```
         Media Type = Application/X-URL
         Action     = Send-WWW
         Command    = YAM:Rexx/Hurl OR YAM:Rexx/Hurl AUTO
         Args       = URL ${URL}

         Other Opts
         Input      = NIL:
         Output     = NIL:
         Stack      = 16000
         Pri        = 0
         Dir        =
         [] Async {not selected}
```

      · Then in NewsRogs Config->Filter Options->Glob Display enable the URL type.

     StrICQ:

      · Go to StrICQs Prefs->Notify and set the option:

```
         Go URL    = YAM:Rexx/Hurl %s OR YAM:Rexx/Hurl AUTO %s
```

     Thor

      · From the menus, select Settings->Visual Prefs

```
        Set HTTP command to the Hurl program.
        Set cycle-gadget to Start Program.
```

See
            Tips and Tricks

1.8 usage

  Usage:

  Hurl has two methods of functioning:

· AUTO: In auto mode, Hurl will save all grabbed URLs to browser hotlists
  when the network is offline. If online, then the selected URL will be sent to ←
     a

web browser for viewing.

· Manual: In this mode, Hurl will bring up requesters, asking of the
  selected URL should be saved or if it should connect to the internet for
  viewing.

  When saving URLs, Hurl will bring up a requester containing a string
  requester with the full URL name selected. At this point you can leave it
  as is, or you can name your URL for saving to the hotlist.

  All URLs saved to the browser hotlists are saved under the group name Hurl,
  therefore keeping them in one easy-to-find area.

 Using Hurl with Multiple TCP stacks:

  If Hurl detects multiple TCP stacks such as Miami, MiamDX or Geneis on the ↩
     system
  then a requester is presented to the user for selection of the network to ↩
     connect
  with.

 Setting the Environment Variables (for advanced users)

  When the environment variables are set and detected by Hurl, a new button ↩
     seletion
  is made available for them

  There are three (3) environment variables that can be set:
     1) HurlCMD
     2) HurlFTPoffline
     3) HurlFTPonline

  To set the variable use the shell command setvar <var> <cmd>. To save
  it for future useage type copy env:<var> envarc: in a shell window.

  The arguement <cmd> can be any DOS command, and can also be used to execute
  arexx scripts. To execute an arexx script, preface the script with the rx
  shell command. An example, using the HurlCMD variable:

       setenv hurlcmd "rx YAM:Rexx/wwwbyemail.rexx %s"

  In the above example the variable %s is set. This variable informs Hurl to
  pass the URL to the command to execute. This variable is available for all ↩
     three
  environment variables.

  The HurlCMD is only available when the network is not available. Such a
  variable can be usefull for running scripts to fetch web pages by email.

  The HurlFTPonline and HurlFTPoffline are available when Hurl detects
  the URL being an ftp:// type. This can be usefull if you prefer to save ftp:// ↩
     to a
  certain file or run a certain ftp client such as ncftp, AmFTP, etc...

1.9   OpenURL Config for IBrowse

```
                In the OpenURL prefs program set the following options
(Please set the path accordingly for your system):

     ---------- Browser Information ----------
         Name: IBrowse
         Path: Internet:IBrowse/IBrowse
     ARexx port  IBROWSE
     Accepts URL as commandline arguement [*]   {selected}

     ------------ ARexx commands -------------
       Show/Uniconify: SHOW
      Screen to front: SCREENTOFRONT
          Open URL...: GOTOURL "%s"
     ...in new window: NEWWINDOW "%s"

NOTE: Please place quatation marks (")
      around the %s variable of OpenURL.



             Return to Installation
```

1.10   OpenURL Config For Voyager

```
                In the OpenURL prefs program set the following options
(Please set the path accordingly for your system)

     ---------- Browser Information ----------
         Name: Voyager
         Path: Internet:Voyager/V
     ARexx port  VOYAGER
     Accepts URL as commandline arguement [*]   {selected}

     ------------ ARexx commands -------------
       Show/Uniconify: SHOW
      Screen to front: SCREENTOFRONT
          Open URL...: OPENURL "%s"
     ...in new window: OPENURL "%s" NEWWIN

NOTE: Please place quatation marks (")
      around the %s variable of OpenURL.



             Return to Installation
```

1.11   OpenURL Config For AWeb

```
                In the OpenURL prefs program set the following options
(Please set the path accordingly for your system)
```

```
        ---------- Browser Information ----------
            Name: AWeb
            Path: Internet:AWeb/AWeb-II
     ARexx port  AWEB
     Accepts URL as commandline arguement [*]   {selected}

        ------------ ARexx commands -------------
        Show/Uniconify: ICONIFY SHOW
      Screen to front: SCREENTOFRONT
           Open URL...: OPEN "%s"
     ...in new window: NEW "%s"
```

NOTE: Please place quatation marks (")
       around the %s variable of OpenURL.

NOTE 2: Make sure you correctly set the ARexx
        port name to AWEB

                    Return to Installation

1.12   tipsandtricks

  A.K.A. Embarrassing mistakes you can make when you don't RTFM:

  Hurl Doesn't recognize my browser is running!

  For the browsers to be visible to Hurl their Arexx ports need to be
  turned on. For Ibrowse and Voyager this is done in MUI prefs, in the
  System page.

  Do I single or double-click the URLs?

  While Yam needs the URLs to be double-clicked, in both NewsRog and StrICQ
  you only need to single-click them. Hurl won't run two versions of itself
  if you do accidentally double-click on a URL in NewsRog or StrICQ.

  Why doesn't Hurl bring my Voyager screen to the front!?

  It appears that its ARexx port is broken, thus Voyager cannot be commanded to
  pop its screen to the front after a URL is passed to it. Hopefully the
  author will fix this in the future.

  Why can't I use Hurl with MicroDotII!?

  It appears that the latest version of Microdot (MD) makes use of the
  OpenURL.library to handle its URLs. It also appears that MD will ignore all
  script settings for URLs if it detects the openurl.library on your system
  (a library that Hurl also uses). If you want to use Hurl with MD, then
  inform the author of MD to change the way MD works. Sorry...

1.13   author

```
Author:

Ralph Torchia, B.Sc., D.D.S.

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          Windsor, Ontario
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```

1.14   mui

```
                 This application uses

             MUI - MagicUserInterface

         (c) Copyright 1993/94 by Stefan Stuntz


MUI is a system to generate and maintain graphical user interfaces.
With the aid  of  a  preferences program, the user of an application
has the ability to customize the outfit according to his personal taste.


MUI is distributed as shareware. To obtain a complete package
containing lots of examples and more information about registration
please look for a file called  "muiXXusr.lha"  (XX means the latest
version number) on your local bulletin boards or on public domain disks.


      If you want to register directly, feel free to send


              DM 30.-  or  US$ 20.-

                     to

               Stefan Stuntz
          Eduard-Spranger-Straße 7
            80935 München
               GERMANY
```

1.15   acknowledgements

```
Thank-You:

I would like to thank my beta testers, in alphabetical order:
```

- Stephen Bridges (plus created the AmigaGuide file!)
- Thomas Hurst
- Ljubomir Jankovic
- Gavin Kinsey   (plus helped in getting me info on Genesis)
- Andreas Mixich (plus sent me developer info on Genesis)
- Gary Robertson
- Stefan Schindler

These guys really put Hurl through the ringer finding bugs, and also
contributed many ideas for Hurl.

I also would like to thank Marcel Beck for the excellent email program YAM,
the members of the YAM mailinglist who came up with the original concept
behind Hurl, and all those who have written me to say thanks and offers
suggestions on improving Hurl.

1.16 distribution

                    Distribution:

Hurl is Copyright ©1998-99 by Ralph Torchia.

This software is what-you-want-ware :-). This means you need to send the author ←
   ,

                    Ralph Torchia
                    , whatever you want (i.e. email, postcard, gift) :-).

This software is NOT public domain. The author gives permission for this
software to be freely distributed providing that no commercial gain is made
from its distribution, and no modification is made to the original
distribution.

Organisations or people wishing to include Hurl on a coverdisk or CD-ROM
should contact me first. This excludes the Aminet CD-ROM collections.

1.17 history

Version History:

Versions previous to 2.0 refer to Hurl when it was written in ARexx.

2.0 - Initial release of all new Hurl.
2.0a - Fixed small problem with installation scripts.
2.1 - Now supports any program with a URL grabber.
     - ReqTools no longer required since interace moved to MUI.
     - Hurl now recognizes IBrowse Hotlist's IBHLFLAG="NOMENU" option.
     - Now saves URLs to a hotlist group named HURL.
     - Expanded the Hurl installation script for YAM. Now checks for
       a "YAM:Rexx" directory and creates one if not present. Script
       can also be used as a "Prefs" program to change Hurl from/to
       AUTO mode.

- Hurl now opens its interface on the frontmost screen, for all
  those that like to run certain apps on seperate screens.
- Because some programs (e.g. YAM) did not put quotes around a URL
  that it would pass to Hurl, any URL with an equal sign in it
  would not work correctly with Hurl (a readargs() problem). This
  is no longer a problem for Hurl.
- Fixed problem of Hurl not correctly finding hotlist file when
  OpenURL prefs for browser location was in a format such as
  "AWeb:Aweb" (assign:browser).
- Hurl will detect any trailing periods, exclaimation or commas
  from URLs and remove them.
- Checks if Miami is truely online (after told to go online), before
  launching web browser.
- MUI windows are centered within the frontmost screen.
- Documentation in AmigaGuide format Added!
- Greatly improved Installation script.

2.2 - Re-wrote Hurl's custom MUI requestor code.
- Updated Guide file for information on using Hurl with Thor.
- Added support for saving to Contact Manager, if available.
- Added support for Genesis and MiamiDX, with auto detection
  of available networks on a system.
- Hurl was outputing some unnecessary text to the CON: (it is now
  redirected to NIL:, where it should be...)

2.3 - Add detection of file:// URLs, and ability to view and save them
  with a disregard towards the network status.
- Saving of ftp:// is done to FTP group for CManager
- Fixed problems with new requester code.
- AWeb, if running, is now informed when it's hotlist is changed.
- Modified some of the code in several areas.
- Detection of networks would trigger a "volume not present" requester
  if Miami: or AmiTCP: assigns not present on system. Hurl now
  checks if assigns are available before checking if stacks present
  in assigned areas.
- If Hurl does not find either Miami or Genesis it will now
  automatically save the URL.

2.4 - Fixed problem of the installer copying Hurl instead of Hurl.guide
  to the desired location.
- Update all version strings in Hurl (opps)
- Hurl version now displayed in window title bars.
- Implemented ENV:hurlcmd for launching external programs when browser
  is not available. When environment variable is set, Hurl add new
  button to requester called "execute cmd" for selection.

2.5 - "Execute CMD" button was not presented to user in 2 of 3 instances of
  when it was to be presented. Fixed now.
- Due to Genesis having a broken arexx Status command, implemented the
  use of genesis.library/IsOnline() to determine status. (thanks Andreas
  Mixich for providing me with the includes)

2.6 - Screen title now shows more info regarding Hurl
- change some of the code around (looks beter to me now :-)
- Implemented env:hurlFTPoffline and env:hurlFTPonline options for
  running scripts. Buttons for selecting these scripts only available
  if url is ftp:// and scripts available in env:
- Genesis detection still not functional due to a bug in the Genesis
  software. It does not report its online status. :-(

2.7 - Corrected wrong version strings (damn, second time!).
- Hitting return in string requester now is equivalent to hitting "Okay"
  button.

> – Return key now works on active buttons in string requester.
> – Implemented proper MUI backgrounds for text and string requesters.
> – Changed the Genesis online detection code back to using the ARexx port.
>   Was informed that the 'Status' command was not used any longer as of
>   Genesis v2.1 (developer doc was never updated), and that the command
>   is now IsOnline (like in Miami). Hopefully this solves the problem...
> 2.8 – Corrected the install script to work with SavInstaller.
>   – Made some changes to the guide file.
>   – Minor code changes in Hurl.
>   – Fixed problem of AWeb not being informed of updated hotlist when
>   a TCP stack was online and URL saved.
> 2.9 – It appears that Genesis v2.1 had more than one ARexx command change
>   function name; 'Connect' is now 'Online'. Hurl was changed to relfect
>   this.
> 2.10 – Genesis returns immediately after being issued the Online arexx command
>   (which differs in the way Miami handles this command). Hurl now checks
>   to see if Genesis is dialing and when a connection is made.
> 2.11 – Fixed problem of Hurl accepting the Return key in its string requester
>   as a Cancel instead of an Okay.
> 2.12 – Corrected double closing of cmanager.library when Hurl only opened the
>   library once.

1.18 future

Future:

Currently Hurl is in a working manner that I am happy with. I have some
ideas on how to increase Hurl's functionality, but this depends on how well
Hurl is received by users, and the feedback I receive.

Current features for the future may include:

 · Ability to save URL to a user-defined hotlist group?
 · After Hurl has added a URL to a hotlist, inform a running browser that
   its hotlist has changed (Only possible on Voyager and IBrowse if their
   ARexx port is ever updated for such a thing)

1.19 index

I may do an index if anyone wants one.