

# **Hurl\_eng**

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**COLLABORATORS**

	<i>TITLE :</i> Hurl_eng		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
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**REVISION HISTORY**

NUMBER	DATE	DESCRIPTION	NAME

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# Chapter 1

## Hurl\_eng

### 1.1 main

Hurl (Handles URLs)  
Version 2.15

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The bits you REALLY should read:

Forward

Disclaimer

Introduction

Features

Requirements

Installation

The bits you'll probably not read:

Usage

Trouble Shooting

Other stuff you should read:

Author

MUI

Acknowledgements

Distribution

History

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Future

## 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.

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## 1.6 requirements

Requirements:

- Any program that allows "clickable" URLs, such as;  
Yam 2.0  
Thor  
NewsRog  
StrICQ  
mailto.mcc
- Miami, MiamiDX, Genesis, and/or WinUAE/bsdsocket.library
- 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.
```

Command Line Options

Hurl supports two optional command line options/arguments:

1) NOCM

This will cause Hurl to not save any URLs to CManager, but only to the browsers that have been configured in OpenURL's preferences.

2) CMONLY

This will make Hurl only save URLs to CManager, and not to any of the defined browser hotlists.

Setting both of these options will result in Hurl never saving URLs to either CManager or browser hotlists.

See

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## 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 selection 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 quotation 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 quotation 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 argument [*]  {selected}

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

NOTE: Please place quotation 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.

Hurl doesn't seem to open my browser. What gives?

Please make sure that the ARexx port names are correctly defined in the OpenURL prefs program. Also, make certain that the correct path is given to the browser in the preference program.

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...

Hurl does not appear to work with YAM2p7. Why?

This version of YAM works much like MicrodotII does in the way it makes use of the openurl.library. The install script can patch YAM2p7 to correctly make use of Hurl. You can also run the patch program, YamOpenURLpatch, which is located in the Hurl archive from a shell window. Just run the patch program, everything is automatic. Running the patcher a second time will restore YAM2p7 to its original state.

How do I get Hurl to not save to a certain browser hotlist?

For every browser that is configured in the OpenURL preference program, Hurl will save to its hotlist. To avoid this, delete the entry in the prefs program. If you do not want to delete the entire entry, then just deleting the browser path in the configuration is enough to stop Hurl from saving a URL to that particular browser's hotlist.

I am using MiamiDX, and Hurl doesn't seem to recognize it. All that Hurl does is save all my URLs and never lets me view them?

Hurl searches for Miami:MiamiDX to detect if it is available. Since MiamiDX is still in beta, it may have some .exe (.beta, etc.) extension to the program name ←

Deleting this extension, and naming the program to just "MiamiDX" should cure the problem.

## 1.13 author

Author:

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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

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## 1.15 acknowledgements

Thank-You:

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

- Stephen Bridges (also created the AmigaGuide file!)
- Thomas Hurst
- Ljubomir Jankovic
- Gavin Kinsey (also helped in getting me info on Genesis)
- Andreas Mixich (also sent me developer info on Genesis)
- Truls Osmundsen
- 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 to me to say thanks and offer 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, exclamation or commas from URLs and remove them.
  - Checks if Miami is truly 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 outputting 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 reflect 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.
- 2.13 - Wrote YamOpenURLpatch for correcting problem with YAM2p7 not properly working with Hurl.
  - Fixed a few typos in the guide file and did a few additions.
  - Changed install script to run patch program, if YAM2p7 detected by install script, and if user wants to do it (I think they should!)
  - Added 'CMONLY' argument to have Hurl only save to CManager.
  - Forgot to mention about the 'NOCM' argument that was introduced some time back. The two CManager options are now explained in the guide.
- 2.14 - Hurl was not properly disposing of its custom MUI requester windows.
  - Added a busy wait requester so a user knows that Hurl is working on saving the URL. Useful for people with very large hotlists and/or slower systems.
  - Install script was not running the YamOpenURLPatch program.
- 2.15 - Since I am now running WinUAE on a PIII/450 I added a search for a resident bsdsocket.library, which WinUAE 0.8.8r5 makes available if set in its preferences.
  - Hurl was always opening a new browser window for viewing a URL, thus bypassing the user's settings in OpenURL.

## 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.

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