

# **Default**

Heiko Schröder

**COLLABORATORS**

	<i>TITLE :</i> Default		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY	Heiko Schröder	April 15, 2022	

**REVISION HISTORY**

NUMBER	DATE	DESCRIPTION	NAME

# Contents

<b>1</b>	<b>Default</b>	<b>1</b>
1.1	LinkChecker GUI 2.1	1
1.2	Inspirations	2
1.3	The features of LinkChecker-GUI	2
1.4	Requirements	3
1.5	Installation	4
1.6	Configuration	4
1.7	Usage	4
1.8	Usage - Main Window	5
1.9	Usage - Result Window	5
1.10	Author	7
1.11	History	7
1.12	Future	8

# Chapter 1

## Default

### 1.1 LinkChecker GUI 2.1

```
*****  
* Link Checker GUI V2.1 (07/07/98) *  
* © Heiko Schröder (age@thepentagon.com) *  
*****
```

This program is mailware. If you use this program to check your HTML pages please send me an email to give me a piece of your mind.  
I want to get a feedback of my work ;-)

Inspirations

Features

Requirements

Installation

Configuration

Usage

The Main Window

The Result Window

Author

---

History

Future

Please check out my last project at the Internet:  
<http://www.leipzig-info.net>

## 1.2 Inspirations

Some time ago I've created my »HomeBase of Age«  
(you can find it at "<http://yi.com/home/SchroederHeiko>").

Manually I had to check all the links of these (S)HTM(L) pages. A hard work ;-(  
I looked for a tool at AMINET to solve this problem. No chances. I found  
programs to check the accuracy of the HTML syntax and a program called  
"CheckLink" © by Fabio Rotondo. But that's a tool for Shell/Cli.

I've started programming it in ARexx. (YES, in ARexx.)  
And now you have the result on YOUR AMIGA. A LinkChecker with a graphical user  
interface (GUI).

>>> next >>>

## 1.3 The features of LinkChecker-GUI

This ARexx script allows you to check local links at all your (S) ↔  
HTM(L) pages  
and reports broken links, orphaned files and critical problems with Unix file  
conventions.

No shell input.

Controllable via mouse and keyboard.

Configurable to fill your needs.

It checks local links with this syntax:

```
* links like <a href=...>  
             <link rel=... href=...>
```

```
e.g.:<a href="example.(s)htm(l)"> <a href=example.(s)htm(l)>  
      <link rel="..." href="example.html">
```

```
unix links like  
  HREF=../../..age/example.(s)htm(l)>  
  HREF=/age/example.(s)htm(l)>
```

```
* links like <img src=...>
```

---

```
<img dynsrc=...>
<layer src=...>
<embed src=...>
<frames src=...> <iframe src=...>
<app src=...>
<script src=...>
```

```
e.g.: <IMG SRC="example.gif"> <IMG SRC=example.gif>
<layer src="example.htm">
<embed src="example.java">
<script src="example.js">
<app src="example.txt">
```

```
unix links like
SRC=../../..age/example.gif
SRC=/age/example.gif
```

```
* anchor links
<A HREF="example.(s)htm(l)#anchor">
```

It doesn't check following:

```
* external links:
```

```
Mailto:
http://
ftp://
Telnet://
gopher://
news:
```

```
* local links (browser links):
```

```
about:
x-nil:
```

```
>>> next >>>
```

## 1.4 Requirements

```
Sys:System/RexxMast | © 1987 by William S. Hawes
```

```
C:Delete | © by Commodore / Amiga Technologies
          & Amiga International
```

```
C:Flushtrx | © 1995 by Jürgen Kohrmeyer
```

```
Libs:regexp.library | © 1991 by Stephen Moehle
```

```
Libs:rexxreqtools.library | © 1994 by Rafael D'Halleweyn
```

```
Libs:tritonrexx.library | © 1995 by Jürgen Kohrmeyer
```

```
Libs:rexxtricks.library | © 1995 by Jürgen Kohrmeyer
```

These libraries and FlushTRX are included in this package.

```
>>> next >>>
```

---

## 1.5 Installation

```
                Please install the included libraries into your directory LIBS:
and c/flushtrx into C:
You can install the rest of this package to any location do you want.
```

```
That's all ;-)
```

```
As next
```

```
    configure
    the program values via tootype.
```

```
>>> next >>>
```

## 1.6 Configuration

```
                After
                installation
                you have to configure the program values.
```

```
Click at »LinkChecker GUI« icon.
```

```
Select workbench menu to manipulate the tootype of this icon:
```

- \* german - Piktogramm | Informationen ...
- \* english - Icons | Information ...

```
The main value you have to configure is your favorite text editor:
```

- \* select "EDITOR"
- \* you have to give the name (with path) of your editor  
(e.g. MEmacs)

```
Next step:
```

- \* select "REXXCOMMAND"
- \* give the ARExx command of your editor to jump directly to the  
line where the broken link can be found
- the variable "%line" is the option of LinkChecker to hand over the  
line that includes the broken link to the editor  
(e.g. goto %line OPT W)

```
You don't have to fill out the other values. They will be automatically set  
while using LinkChecker.
```

```
>>> next >>>
```

## 1.7 Usage

---

Double click the »LinkChecker GUI« icon.

The last versions of LinkChecker has produced fatal errors while analyzing an empty main directory. Now you have to select a directory where at least one HTML file is located. Otherwise an error message will be appear.

The Main Window

The Result Window

## 1.8 Usage - Main Window

The Main Window

First you can select either to check a complete directory with all subdirectories or only one file.  
Below you can select the directory or file. It will be listed in the separated field.

Then you can select the type of checking.

- \* case sensitive filenames for unix systems (e.g. AgE.hTmL)
- \* check of anchor links (e.g. age.html#start)
- \* list of orphaned files

If you don't select anything, the normal check will be executed.

Start - starts the check and opens the  
result window

Save - all infos will be saved into tooltypes

Info - opens a window with info of version and author  
(like menu: ? | Info)

Quit- leaves the program  
(like menu: Project | Quit)

The menu: "? | Help" opens this guide.

>>> next >>>

## 1.9 Usage - Result Window

The Result Window

The script checks the (S)HTM(L) files that have been found in the selected directory.

broken link in:

In the top left edge of the window you can find all broken links.



broken case sensitive link in:

In the bottom left corner you find links that are broken on Unix systems.

broken anchor link in:

At the top right broken anchor links will be listed.

orphaned files:

And last but not least in the bottom right corner you can find files that are not referenced by actual pages.

Only those listviews are activated that belong to the selected type of checking.

First, all files will be scanned for anchor links <a name=...>

After that every file will be checked for all types of links.

Detected errors will be listed immediately.

A progress bar tells you the progress of work.

After checking of files has ended and NO files are listed in any list all links work correctly ;- ) You are able to upload your new pages to the web server.

If not, you have to work on your files:

With the button Info you can get information about the broken link.

File : the file, where the broken link is located in  
links to : name of the target file  
at line : line of the file

Edit allows you to manipulate this file with your favorite text editor (see configuration).

Cancel will close the info window.

With the button I know you can remove the file from the list.

It will not be deleted from your system!!!

At orphaned files: you find the button Delete.

Here you can delete the selected file from your system.

That's all ;- )

---

All broken links will also be reported at log files.

T:LinkCheckResult - broken links  
T:LinkCheckResult-Unix - broken case sensitive links  
T:LinkCheckResult-Anchor - broken anchor links

e.g.:

HD1:Homepages/Age/main.html - next.html - line 123

This informs you, that a link from main.html to next.html at line 123 doesn't work.

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>>> next >>>

## 1.10 Author

Send improvements, tips or problems to me.

Heiko Schröder  
 Arnoldstr. 1  
 D-04299 Leipzig  
 E-Mail: age@thepentagon.com  
 HomeBase: <http://yi.com/home/SchroederHeiko>

Leipzig, 07. July 1998

>>> next >>>

## 1.11 History

Version	Date	Improvements
V2.1	07/07/98	<ul style="list-style-type: none"> <li>- saves faster failed links in T:</li> <li>- saves faster the tooltypes</li> <li>- scans faster the links with the regexp.library (5%)</li> <li>- scans faster the orphaned files (66%)</li> <li>- for german users it checks äöüß in filenames for unix</li> </ul>
bugfixes		<ul style="list-style-type: none"> <li>- scans also files in a main directory (e.g. work:index.html)</li> <li>- name of directory/file will be remaining if you press ESC in the requester of reqtools</li> <li>- list filenames correct at listview by file option</li> </ul>
extended		<ul style="list-style-type: none"> <li>- START is only usable if you have selected a file or dir</li> <li>- "I know" button at the Info Requester</li> <li>- modular procedures in the script</li> </ul>
V2.0	05/14/98	<ul style="list-style-type: none"> <li>- official release (no error comments by any user)</li> <li>- checks correct unix links like: href="/images/xyz.gif"</li> <li>- bugfix: renamed tooltype NOTLINKED to NOLINK (double variable names)</li> <li>- there were fatal errors by analyze the main directory it now checks if at least one HTML file is located at the main dir</li> <li>- a requester tells you if selected directory (file) doesn't exist</li> <li>- this guide is available</li> <li>- no more menus; all functions are attainable via window buttons</li> </ul>
V2.0 b3	03/15/98	<ul style="list-style-type: none"> <li>- final beta</li> <li>- uses features of rexxtricks.library (soft HD grip)</li> </ul>

- (fast comparison routines; no slow system commands ;-)
- tooldtype support (no separate preferences window)
- check of anchor links
- only "orphaned files" check, if directory scan is used

V2.0 b2 02/26/98 - menu added

- preferences for your favorite text editor
- temporary files will be deleted
- empty link will not displayed as broken link

V2.0 b1 02/23/98 - first release of the GUI version

previous non-gui version of LinkChecker:

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V1.4 09/09/97 - code optimized -> higher speed

- checks "Telnet://"
- file or directory scanning
- \* ExtLinkChecker
- beta of link checking via IBrowse
- link checking via AWeb works

V1.3 08/07/97 \* ExtLinkChecker

- new script to check EXTERNAL links via AWEB
- now also more than 1 links at one line will be checked (sorry, but other versions checked only the first link at one line)
- second public release

V1.2 08/01/97 - checks also "...shtm" & "...shtml" files

- "<FIG SRC=xxx.xxx>" ; "<EMBED SRC=xxx.xxx>"
- if link errors have been found, a requester shows the missed files
- thanks for inspirations to David Ceulemans
- code optimized
- not released

V1.1 07/30/97 - now checks also e.g.: "../..../..../x.html"

- thanks for inspirations to Brian Hosty
- doesn't check info files (e.g.: x.html.info) ;-)
- code optimized
- not released

V1.0 07/24/97 - the first public release on Aminet

>>> next >>>

## 1.12 Future

An HTML optimizer. The existing program WEBMiZ doesn't work correctly. ↔

End of Guide

>>> Contents >>>

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