

CheckHTML

Dipl.-Inform. Kai Hofmann

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COLLABORATORS

	TITLE : CheckHTML		
ACTION	NAME	DATE	SIGNATURE
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REVISION HISTORY

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Contents

1	CheckHTML	1
1.1	CheckHTML	1
1.2	Copyright	1
1.3	Distribution	2
1.4	Disclaimer	2
1.5	SGMLS License & Disclaimer	3
1.6	Trademarks	3
1.7	Support/Updates	4
1.8	Author	4
1.9	Description	4
1.10	Requirements	5
1.11	Installation	5
1.12	History	6
1.13	Todo	7
1.14	Known problems	7
1.15	Acknowledgments	8
1.16	Please rate	8
1.17	SGML References	8
1.18	MagicWB	9
1.19	WrapGuide	10
1.20	Index	10

Chapter 1

CheckHTML

1.1 CheckHTML

Table of Contents

Copyright - Copyright information

Distribution - Copying conditions

Disclaimer - Legal Information

SGMLS License & Disclaimer - SGMLS Legal Information

Trademarks - Trademark information

Support/Updates - How to get updates and support

Author - How to reach the author

Description - What is CheckHTML?

Requirements - Requirements for using CheckHTML

Installation - How to install CheckHTML

History - Revision history of CheckHTML

Todo - Todo list

Known problems - List of known problems

Acknowledgments - Acknowledgments

Please rate - Please rate CheckHTML

References - SGML References

Index - Alphabetical index

If you have AmigaDOS® 2.0 or 2.1, you will have to scroll to the right in order to read the text. AmigaGuide® for these versions of AmigaDOS® is unable to wordwrap the text.

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1.7 Support/Updates

Support/Updates

- Updates will be available via Aminet®
- Support will be available via the **authors** email address and via <http://www.hofmann-int.de/products/amiga/CheckHTML.shtml>

1.8 Author

Author

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1.9 Description

Description

CheckHTML checks whether an HTML document is conforming with the HTML (4.01) DTD. This will be done by using the sgmls parser from James Clark, the HTML DTD, a small Shell script and an ARExx script.

CheckHTML can verify HTML 4.01, HTML 4.0, HTML 3.2 and HTML 2.0 documents. Newer HTML versions can be easily supported by placing the new DTD into the 'sgml:' directory and adding their public identifier to the 'CATALOG' file.

Please note, that all your HTML documents must begin with the following line for backward compatibility with HTML 3.2:

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
```

Otherwise (especially when using CSS) use:

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01//EN">
```

or

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Frameset//EN">
```

when using frames.

These lines are SGML code and identify the document to be HTML 4.01 - you can also use one of the HTML 4.0, HTML3.2 or HTML 2.0 identifiers (See 'CATALOG' file for more):

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0//EN">
```

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">
```

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Frameset//EN">
```

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 3.2 Final//EN">
```

```
<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
```

For more about the famous 'sgmls' parser and an optimized version for your CPU please download 'Aminet:dev/lang/sgmls.lha'

Server Side Includes:

SSI files must have the extension .shtml in order to be handled properly. In addition the include statement must be the only statement on a line (HTML tags on the same line as the include command will be removed). The following syntax has to be used:

```
<!--#include file="inc.html" -->
```

```
<!--#include virtual="/include/inc.html" -->
```

```
<!--#include virtual="../../include/inc.html" -->
```

The Unix path will be translated by adding ROOT before "/include/inc.html" and by removing "..".

Please note that include commands within include files are not supported!

Template:

CheckHTML FILE,ROOT,QUIET/S

Using CheckHTML without the FILE argument will open a requester where you can select multiple files! When there is no FILE and no ROOT argument, first a requester for the web-site-root directory will be opened followed by file-requester. When no root directory is given, the actual directory will be used.

You can also use CheckHTML from the Workbench with the supplied icon file. Click CheckHTML first and then double click a HTML document.

Toolmanager 3.0 users can find a preference within the archive.

If you also want to check the correctness of the links within your HTML documents, please take a look at CheckLink from Fabio Rotondo which can be found on Aminet.

1.10 Requirements

Requirements

- OS 2.04

1.11 Installation

Installation

Use the installer script!

(The Installer must be in your system-path!)

Should you want to install by hand, do the following:

- Place c/sgmls, c/CountStrings, c/SelectString and s/CheckHTML somewhere into your path

- Place rexx/CheckHTML.rexx in rexx:

- Create a SGML directory, assign 'SGML:' to it and copy the SGML dir from the archive to it.

- Copy the Amigaguide documentation if needed (don't forget to use

WrapGuide on it if running under a pre V40 System).

1.12 History

History

29.04.1997 - First release on Aminet

03.06.1997 - Second release on Aminet

- * Improved documentation
- * Added some Amigaguide V40 features to the documentation
- * Improved installer script
- * Added CountStrings
- * Added SelectString
- * CheckHTML now asks for (multiple) files when started without arguments

* Added German documentation

* HTML 3.2 Final DTD

* Renamed ISolat1.sgml to ISolat1.ent

30.06.1997 - Third release on Aminet

- * Added MagicWB readme
- * SGMLS now compiled with SAS/C® 6.57
- * Added new Eric Gerad icon
- * Added Toolmanager 3.0 preferences
- * Added "Finished" output for WB

29.01.1997 - Fourth release on Aminet

* HTML 4.0 Final DTD

* Fixed installer script problem

07.03.1999 - Fifth release on Aminet

* HTML 4.0 really Final DTD

29.11.1999 - Sixth release on Aminet

- * Added server side include processing (.shtml)
- * New EMail- and WWW- address

08.12.1999 - Seventh release on Aminet

* Fixed installer script bug

26.03.2000 - Eighth release on Aminet

* Added HTML 4.01 support

1.13 Todo

Todo

- Uninstaller
- Add TM3 prefs by Installer script
- Accept multiple files as arguments
- Accept pattern matching
- Scan directories recursively
- MUI Interface
- * Load the HTML document and highlight the problems
- * Drop HTML documents onto an appicon

1.14 Known problems

Known problems

- Netscape or Microsoft extensions are not supported - you can add them by yourself to the DTD, but CheckHTML will only support official standards!
You can find some DTDs at <http://www.webtechs.com/>
- The components of CheckHTML are placed in various directories and not in only one. This happens to be the rules of AmigaOS and SGML.
Within the 'SGML:' directory only SGML documents and DTDs should be placed.
CheckHTML is placed in 'S:' because this is the place for Amiga Shell scripts - for the same reason 'sgmls' is placed into 'C:'.
By running the installer script in expert modus you can change the destinations for all files.
- Some of you wrote that they can't download the CheckHTML archive from Aminet - this is a problem of your local mirror - and not a problem of the CheckHTML release.
- You can't redirect the output of CheckHTML to a file, because this is what sgmls sends to stderr.
- CheckHTML can generate English output only as long as sgmls is not localized (very difficult task!)
- When CheckHTML won't run, try to set the script flag for it.
- HTML 4.0 is based on ISO10646 16bit characters - CheckHTML only supports ISO8859-Latin1 8bit characters for now, don't worry, because this is backward compatible!

1.15 Acknowledgments

Acknowledgments are going to the following people:

Rita Reichl : for correcting my English and being my inspiration

James Clark : for the famous sgmls parser

People at Cern : for HTML

W3 Consortium : for the standardized HTML DTDs

Udo Schuermann : for [WrapGuide](#)

Stefan Kost : for ag2txt

Fabio Rotondo : for CheckLink

Thorsten Willert : for CompressHTML

Thomas Newsom : for reporting an installer script bug

James Cooper,

Steve Krueger,

Doug Walker : For supporting SAS/C® after SAS suspends the support.

Martin Huttenloher : for [MagicWB](#)

Eric Gerard : for his great icons

1.16 Please rate

Please rate

Please rate CheckHTML. To do so, send an email to aminet-server@wuarchive.wustl.edu

with the following content:

RATE comm/www/CheckHTML.lha <num>

where <num> is a mark from 0..10 with 10 being the best.

You can rate several programs in one mail.

Thank you!

1.17 SGML References

References

The SGML Handbook

Charles F. Goldfarb

First Edition

Oxford University Press, Walton Street, Oxford (USA); 1990

ISBN 0-19-853737-9

SGMLS - SGML Parser

James Clark

<http://www.jclark.com/>

Amiga port by Dipl.-Inform. Kai Hofmann

<http://www.hofmann-int.de/products/amiga/sgmls.shtml>

Webtechs

<http://www.webtechs.com/>

DTDs can be found here

W3C - World Wide Web Consortium

<http://www.w3.org/>

Dipl.-Inform. Kai Hofmann's SGML page

<http://home.pages.de/~i07m/SGML.html>

PhoneLog Standard

<http://www.hofmann-int.de/products/PhoneLog/>

1.18 MagicWB

This product is based on or uses parts of

MagicWB - The Workbench Enhancer

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If you use and like this product you should very much consider to take a look at MagicWB, which is the authentic source of the style, colors and design elements contained in this package. It features hundreds of original icons, patterns, image-drawers, dock-brushes and some specially designed high-quality fonts to improve the comfort & legibility of your daily Workbench session.

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to

Martin Huttenloher

Am Hochstraess 4

D-89081 Ulm

Germany

You may also choose to visit the official MagicWB homepage on the world wide web. There you can find the latest news & support and even register your MagicWB online (which is much more comfortable and faster). You can even benefit from various special offers & discounts for MagicWB if you order through our website! Come and visit MagicWB at:

<http://www.sasg.com/>

Save 20% by using the discounts on our website!

Ordering online also saves you a lot of time and work!

1.19 WrapGuide

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1.20 Index

Index

[Acknowledgments](#)

[Author](#)

[Copyright](#)

[Description](#)

[Disclaimer](#)

[Distribution](#)

[History](#)

[Installation](#)

[Known problems](#)

[MagicWB](#)

[Please rate](#)

[References](#)

[Requirements](#)

[SGMLS License & Disclaimer](#)

[Support/Updates](#)

[Todo](#)

[Trademarks](#)

[WrapGuide](#)
