GuideML

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Contents

Chapter 1

GuideML

1.1 GuideML

GuideML 3.7

Disclaimer Read this first Introduction and requirements Usage

Tooltypes and command line arguments

History Known Bugs

Contact

1.2 Disclaimer

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1.3 Introduction

What is GuideML?

GuideML is an open source AmigaGuide to HTML conversion utility, originally written by Richard Körber and was picked up by me (Chris Young) a couple of years after Richard had stopped updating it. At the time it was the only program that would convert AmigaGuide to HTML in a way similar to what I needed. The bonus here being that it was open source, so I added a few functions that I needed and the rest, as they say, is history.

Why GuideML?

It is the most flexible way to generate HTML from AmigaGuide, supports most AmigaGuide tags, and converts most AmigaGuides (including @smartwrap guides) without problem. The best thing to do is look at the usage information to see exactly what it can do.

What are the requirements?

You need an Amiga running AmigaOS 3.5 or newer for the GUI. You should still be able to use it from the command line on AmigaOS 2.04 but I haven't tried this. The code is compiled for 68020. If your machine does not meet the requirements, version 2.6 of GuideML should still be available on Aminet - http://www.aminet.net/text/hyper/guideml2.lha

1.4   Using GuideML

GuideML now has a GUI since v3.1, and the old command line interface is still available for compatibility/scripting purposes. The command line options are identical to the tooltypes so please check that section for further information.

Menu Options

Convert Tab

Options Tab

Extra Notes

1.5   Menu Options

Project

Save As... - Saves the current settings as a file that can be executed from the command line, or double-clicked on to be loaded back into GuideML.

About... - Shows some information about GuideML.

Quit - Exits from GuideML without prompting.

Settings

Save As Defaults - Saves the current settings as the defaults.

1.6   GuiML Convert Tab

Input File - Click on the button for a file requester or type the path of the AmigaGuide database you want to convert. This is the only required option.

Output Path - Select the path where you want the converted files to be saved. NB: GuideML will overwrite any existing files with the same names, so it is recommended to select an empty directory as the output path.

Home URL - The URL for the Home button

Search URL - The URL for a Search button

CSS URL - The URL of a Cascading Style Sheet

Link Prefix - Text to add to the start of every link, this is useful if you want the pages to be loaded via a script, links to "main.html" could become something like "site.php?page=main.html"

Body - Text to add to the <body> tage of each page

HTML Header - A file containing HTML to add to the top of every converted page

HTML Footer - A file containing HTML to add to the bottom of every converted page

Convert - Start the conversion

1.7   GuiML Options Tab

Wrap Mode - The wrapping mode to use for the AmigaGuide file. Auto will auto-detect, the other options will force GuideML into a particular mode.

Variable Width Font - Select to use a variable width font. Only operational if the AmigaGuide is wrapped. Note that specifying @{code} within an AmigaGuide will force a fixed-width font until @{body} is reached.

Nav Bar - Specifies where the navigation bar should be placed.

Mozilla Site Navigation Bar - Specifies whether a Mozilla compatible Site Navigation Bar should be available. This can be switched on and off in Mozilla in one of the menus.

Style - Specifies whether the navigation bar should be text or image based.

Consistent Across Pages - Select to ensure the navigation bar contents are the same on every page.

MS-DOS Compatible Filenames - If selected, GuideML will use .htm instead of .html as file extension.

HTML files contain HTML header tags - Stops GuideML from generating the HTML header and footer, <BODY> tags etc. Useful if you have a server-side script that adds a standard site design around the text.

Single File HTML - Puts the entire AmigaGuide within a single HTML file.

Links - Specifies which links to convert, email, URLs or none.

Convert - Start the conversion.

The other options on the page allow you to change the text used within the navigation bar.

1.8   Notes

Start page

Note that the start page for converted AmigaGuides is always main.html (or main.htm) rather than index.html.

CSS (Cascading Style Sheets)

GuideML supports stylesheets to some extent from v2.x. You can link an external style sheet to any generated HTML with the CSS keyword. In addition, GuideML from 2.5 adds a "class" attribute to the "font" tag generated when it encounters a @{fg amigaguide attribute within the guide.

How this works is fairly simple. If you use @{fg shine}, then you need to add a style for "font.agshine" to the style sheet you specified with the CSS keyword. This follows the same format for all colours - eg @{fg fill} will inherit the attributes for "font.agfill".

Wordwrapping features

In order so you understand the difference between the three options:

In non-wrapped mode, GuideML simply dumps everything to a page in "preformatted" mode (<pre> tag)

WORDWRAP puts a line break in at the end of each physical line, but does not include the preformatted tag.

SMARTWRAP puts a line break in on empty lines only - therefore you need two blank lines for a single blank line to show up in the HTML.

These should convert @wordwrap and @smartwrap accurately, and WORDWRAP may be useful for most other guides as well.

Note that the little-known @{par}, @{line}, @{code} and @{body} commands can help with formatting especially @smartwrapped guides.

1.9   Tooltypes

GuideML's tooltypes and command line arguments are the same. Anything marked with an asterisk is only available from the CLI. The tooltypes only accept the longer forms of the arguments, and are fully editable using the GUI and Save As Defaults .

USAGE: FILE/A AmigaGuide file to be converted TO/K Destination drawer for the html pages URL=HOMEURL/K URL accessed by the 'HOME' button FINDURL=SEARCHURL/K URL accessed by the 'SEARCH' button PREV/K 'PREV' button text/image NEXT/K 'NEXT' button text/image INDEX/K 'INDEX' button text/image TOC/K 'CONTENTS' button text/image HELP/K 'HELP' button text/image RETRACE/K 'RETRACE' button text/image (displays only if specified) HOME/K 'HOME' button text/image FIND=SEARCH/K 'SEARCH' button text/image BAR/K Bar text between navigation buttons BODY/K Addition to the body tag of every page * VER=VERBATIM/S List of created files IMG=IMAGES/S Create image navigation bar FTR=FOOTER/S Navigation bar also at end of page LA=LINKADD/K Text to add to the start of every link NL=NOLINKS/S Ignore internet links NE=NOEMAIL/S Ignore e-mail addresses * NW=NOWARN/S Don't show warnings MSDOS/S Create MS-DOS filenames (*.htm) SF=SINGLEFILE/S Put all AmigaGuide nodes into a single HTML file (no LINKADD) NONAVBAR/S Do not create the HTML navigation bar NOMOZNAV/S Do not create Mozilla-compatible Site Navigation Bar SHOWALL/S Keep navbar consistent between pages * HTMLHEAD/K HTML to put in front of guide text HTMLHEADF/K File containing HTMLHEAD (overrides HTMLHEAD) * HTMLFOOT/K HTML to put underneath guide text HTMLFOOTF/K File containing HTMLFOOT (overrides HTMLFOOT) NOHTML/S Don't auto-generate HTML header or footer CSS/K URL of Cascading Style Sheet to link to WORDWRAP/S Word-wraps text (converts @wordwrap) SMARTWRAP/S Smartwraps text (converts @smartwrap) VARWIDTH/S Do not use fixed width font (#?WRAP only) NOAUTO/S Do not auto-detect wrap mode

1.10   History

Versions 1.x were written by Richard Körber.

Versions 2.0 and up are updates by Chris Young.

V3.7 » (04.09.2004)

· Fixed @title parsing, it now reads the title correctly in all cases

V3.6 » (30.08.2004)

· Added SINGLEFILE option (by popular request!)

· All errors really do now bring up a requester when run from WB

· Fixed NOHTML so it now includes any specified HTML footer

· OS4 compile only

V3.5 » (15.08.2004)

· Added LINKADD and NOHTML options

· Stopped GuideML from popping up in a console window when run from WB

· All errors now bring up a requester when run from WB

· OS4 compile only

V3.4 » (07.08.2004)

· OS4 specific source code changes

V3.3 » (08.02.2003)

· Bug fix: î was being translated to â

· Bug fix: Link line numbers were being tagged to the end of the filename

V3.2 » (04.01.2003)

· Added @{jcenter}, @{jleft}, @{jright}

V3.1 » (03.01.2003)

· Added ReAction GUI (known affectionately as GuiML)

· Rewrote the AmigaGuide

· Now puts the HTML header text above the navigation bar

V2.6 » (31.08.2003)

· Added SHOWALL, RETRACE, HELP, NOMOZNAV options

· Now adds a Mozilla Site Navigation Bar by default

· Changed the default navbar names to their AmigaGuide equivalents

· Bug fix: Now supports node-specific @index

V2.5 » (12.04.2003)

· Added CSS classes to font tags resulting from converted @{fg xxxx} attributes (see usage)

· Bug fix: no longer gives too many double-quotes in the meta tag headers

· Bug fix: leaves "&" alone for imported HTMLHEADF/HTMLFOOTF

V2.4 » (20.03.2003)

· Added support for @{code}, @{body}, @{line}, @{par} and @{plain}

· Now recognises four-character TLDs for email addresses

· Added HTMLHEADF and HTMLFOOTF for support of long headers or footers (up to 4K)

V2.3 » (29.07.2001)

· Auto-detection of @wordwrap and @smartwrap

· Not sure what else, it was nearly two years ago and this version was never released.

V2.2 » (26.03.01)

· Added WORDWRAP (@wordwrap support), SMARTWRAP (@smartwrap support) and VARWIDTH options.

V2.1 » (17.03.01)

· Added CSS option

V2.0 » (16.03.01)

· Added NONAVBAR, HTMLHEAD and HTMLFOOT options.

· Bumped version number as GuideML is no longer maintained by Richard.

· Not released - for my use only.

V1.6 » (26. 4.98)

· Support of MS-DOS suffix (.htm) using the MSDOS switch.

· Sourcecode is included under GNU licence.

V1.5 » (26. 9.97)

· Bugfix: two entities were spelled wrong (&plusmin; and &ixcl;)

· AmigaGuide links with line numbers don't lead to bad HTML links

any more. (The line number is still ignored!)

· Did some minor tab workarounds

V1.4 » (20. 7.97)

· Bugfix: had trouble when e-mail addresses ended up with an

AmigaGuide command [Michael Schulz]

· Generates some <meta>

V1.3 » (3. 7.97)

· Bugfix: some internet links ended up wrong...

· '-' in e-mail addresses allowed now

· Minor improvement of the built-in "home" icon

· Now also recognizes "https://" and web links starting with

"www."

V1.2 » (24. 4.97)

· Bugfix: TO also changed the source file path

· Now only these images are saved which are also used in the

HTML files

· Removed the silly 500 chars internet link limit (and reduced

stack usage as a side effect ;)

· Shows warnings (suppressable)

· Now also handles non-convertable link types (like RXS)

V1.1 » (14. 4.97)

· Bugfix: forgot $VER string

· Now also supports @{FG} command

· Recognizes \@

· Internet (http, ftp, mailto, ...) link detection

· E-Mail address detection

· Added keywords TO, IMAGES, BODY, NOLINKS, NOEMAIL, FOOTER

· Saves a free set of navigation images

· Footer navigation bar available

· Now you can even feed Umlauts in shell parameters

· Reworked documentation

V1.0 » (28. 3.97) first public release

· converts AmigaGuide into HTML

1.11   Known Bugs

* The "Save As..." routine sometimes crashes when writing icon data, this may also affect Save As Default. (not seen this under OS4, so may be fixed)

* If you save tooltypes with the default bar text, you will lose the initial space upon reloading.

* AmigaGuides with very long lines might crash GuideML.

1.12   Contact Information

GuideML was written originally by Richard Körber - http://www.shredzone.de

Chris Young unofficially took over the development of this program in 2001 and has been maintaining it ever since.

Please email me at chris@unsatisfactorysoftware.co.uk with any comments or suggestions.

http://www.unsatisfactorysoftware.co.uk