GuideML

Richard Körber

COLLABORATORS			
	TITLE : GuideML		
ACTION	*NAME*	*DATE*	*SIGNATURE*
WRITTEN BY	Richard Körber	June 25, 2022	

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

GuideML

1.1   GuideML: Table Of Contents

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V1.2

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-- TABLE OF CONTENTS --

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1.2   GuideML: Introduction

I N T R O D U C T I O N

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Uuuh... Yet Another (tm) AmigaGuide to HTML converter?

Yes. You are right. But...

I wrote GuideML just because the other converters were much too

slow (compiled ARexx, you know) and had really worse limitations. Did

you ever try to feed a TexInfo based AmigaGuide into these converters?

And this is the result: the ultimate AmigaGuide to HTML converter!

I hope it is as useful to you as it is to me. If you have some questions,

suggestions, whatever, feel free to write me !

Richard Körber

1.3   GuideML: Features

F E A T U R E S

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This are the features of GuideML:

· Converts any AmigaGuide compilant documentation into a multi-file

HTML 3.2 document.

· Converts all non-ASCII characters into the appropriate HTML entities.

The result is a 100% clean HTML document, viewable on all systems

with all browsers (even text based ones).

· Fully supports @next, @pred, @toc and @index commands. Hierarchial

table of contents are also supported.

· Supports font style (@{B},...) and color (@{FG ...}) commands. @{BG}

is not supported due to HTML limitations.

· Navigation bar with "CONTENTS", "INDEX", "NEXT", "PREV" and "HOME"

button. (Also as footer if you like!)

· Navigation titles freely changeable. You can also insert images.

(A free set of images is automatically saved upon request.)

· Automatically detects Internet links (http:, ftp:, mailto:, ...) and

creates an <a href> link for them. E-Mail addresses are also detected.

There are some restrictions if you want to use the result on other

operating systems (MS-DOS or UN*X):

· Don't use Umlauts (non-ASCII chars like Ä,Ö,Ü) in Node names if you

want to get UN*X compilant file names.

· MS-DOS styled filenames are not supported if you didn't. They are

simply too short! :-)

1.4 GuideML: Copyright

C O P Y R I G H T

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Please read the following parts carefully.

If you do not agree to these Copyright notes, you must delete this

archive and all related files.

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software collection.

I explicitly permit the distribution via AmiNet, Meeting Pearls,

Fred Fish and other well-known PD series.

LIABILITY

You are using the program as it is, with all flaws, and on your

own risk! I grant no warranty for the software meeting a special

purpose. This software may cause financial damage or harm people.

LIMITATIONS

You are not allowed to use this software and its results

· for fascism or military purposes

· if you do not agree to the copyright note

In this case you must delete the software and all related and

generated files immediately!

CONTENTS OF THE PACKAGE

The package is only entire with these files:

GuideML/GuideML (Main program for 68020+)

GuideML/GuideML_000 (Main program for 68000/68010)

GuideML/GuideML.guide (This documentation)

GuideML.info

FILE_ID.DIZ

1.5 GuideML: Address

A D D R E S S

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You can reach me through one of the following ways:

E MAIL

Use e-mails if ever possible. My addess is:

shred@chessy.aworld.de

Please do not send mails larger than 40KB without prior permission.

If you should have serious trouble reaching me, check my web page for

other e-mail addresses.

SNAIL MAIL

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If you do not have an e-mail account, you may also write a snail mail.

Include a preformatted floppy disk and sufficient stamps if you want to

get an update this way!

Richard Körber

Hornstraße 20

51465 Bergisch Gladbach

Germany

WORLD WIDE WEB

Updates are available through my web page. URL:

http://www.is-koeln.de/einwohner/shred

PRETTY GOOD PRIVACY

If you feel that way, you may also use PGP (note that the use of

PGP is restricted in some countries). My PGP public key is attached

below.

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Type Bits/KeyID Date User ID

pub 1024/3D5D331D 1997/01/08 Richard Koerber <shred@chessy.aworld.de>

-----BEGIN PGP PUBLIC KEY BLOCK-----

Version: 2.6.3i

```
mQCNAjLTMucAAAEEAOMY/3jzWBFV2Annpc6/VPhZQqF81btsqjyRR670uOELH+iO
PXkrXX7IEo1vtNbKAc/MKDkcn2p4g5159yK2OoZkoqFsCs1JXzFLVfAM41tvaNG0
RTibFJAYCZ03umli5q4EtCj1DCMMeZGzmyAO9mpfuyIC+k6qu/NEvrU9XTMdAAUR
tChSaWNoYXJkIEtvZXJiZXIgPHNocmVkQGNoZXNzeS5hd29ybGQuZGU+iQCVAwUQ
M0R4IfNEvrU9XTMdAQGe5gQAizTK/KmKymt5GtQQL1PW7m7tmZYBqglwtbSf7RBF
fnntdkyeTQvRlbfjSAKjMYD0ZV34JtjMPJrRifIF6J6abSMQ1xT8IrEpyV8JrRcW
Tjb4YEz+qEqo0Pj+l/87fqez1vUpTz19C5R5KNqHBk7/icCBGKuoLGtAmR6oifj4
PKc=
=GI6y
```

-----END PGP PUBLIC KEY BLOCK-----

1.6   GuideML: Bugs

B U G S

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KNOWN BUGS

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· GuideML crashes if an AmigaGuide node name is longer than 100 chars.

· GuideML might fail if a line is longer than 1000 chars.

· GuideML might crash if a mangled AmigaGuide file is feeded.

· No stack checkings. Ensure a stack of at least 4096 bytes.

Some of them are plain lazyness. Please excuse!

KNOWN ENFORCER HITS

· none yet... :-)

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GuideML is written and tested on:

** HARDWARE **

System: Amiga 4000 (CPU=68060 FPU=68060 MMU=68060 VBR=0x08066378)

Chipset: AGA (RAMSEY F, GARY Normal)

AmigaOS: 3.0 (V39.106, SetPatch V43.4) Exec V39.47 Workbench V39.29

Support: GraphicOS: CyberGraphX, AudioOS: AHI

Clock: Power 50 Hz, VBlank 50 Hz, E-Clock 709379 Hz

Memory: CHIP FAST TOTAL ROM = 512KB SLOW = 0

PLAIN 2MB 26MB 28MB

VIRTUAL 0 0 0

TOTAL 2MB 26MB 28MB

** EXPANSIONS **

Nr ID Address Size Manufacturer Product

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1 2140.22 40000000 64M Phase 5 CyberVision 64 Graphics

2 2140.19 00EA0000 128K Phase 5 CyberStorm MK-II Flash ROM

3 082C.10 00E90000 64K BSC Multiface II Multi I/O

4 4754.0C 00EC0000 64K MacroSystem Germany Toccata Audio

5 4754.05 00ED0000 64K MacroSystem Germany MaestroPro Audio

6 082C.40 00EE0000 64K BSC ISDN MasterCard internal ISDN

(This list has been made using Identify.)

1.7 GuideML: History

H I S T O R Y

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V1.2 » (24. 4.97)

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· 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

1.8 GuideML: Credits

C R E D I T S

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I wish to thank these people:

Colin Thompson for checking my translations.

SAS/C for their great Compiler!

Dietmar Eilert for his great Editor GoldEd.

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//

\\ // -- Amiga - Cow inside --

\X/

1.9   GuideML: Usage

U S A G E

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INSTALLATION

Just copy GuideML into C: and this guide file into whereever you store

good documentations. ;)

START

You must start GuideML from the shell. It reads the AmigaGuide file

and produces a new file for every node. The file name is a concatenation

of the node name (small case, ' ' is translated to '_') and '.html'. All

new files are saved into the current directory, if no other target

directory has been supplied.

Always start with main.html as the first page.

HTML PAGE COMPOSURE

Every page starts with a navigation bar. This is a bar with hyperlinks

to the next and previous page, and to the TOC and Index pages. They work

exactly the way you know it from MultiView. Additionally you may also have

a hyperlink to your homepage, if you provided its path. A bar separates

each hyperlink.

The default navigation bar looks like this:

CONTENTS | INDEX | PREV | NEXT | HOME

You have several ways to change the look of the navigation bar. You may

even use images. GuideML has a default set of images you might use freely.

Below the navigation bar, you'll find the contents of the page. GuideML

cares about any non-ASCII char (e.g. German Umlauts) and translates them

into its HTML entity. Additionally, Internet links (http://, ftp://, mailto:

and so on) and E-Mail addresses are detected, and a hyperlink will be

created automatically.

Below the contents is another navigation bar if requested.

SHELL PARAMETERS

FILE/A This is the AmigaGuide source file. You must provide this

parameter!

TO/K Optional: this is the target directory. Defaults

to the current directory.

URL=HOMEURL/K If you want to add a 'HOME' button to the navigation bar,

you must place the URL of your home page here. You may also

use relative UN*X paths.

Example: URL="../welcome.html"

PREV/K This is the text placed in the 'PREV' button. Defaults

to 'PREV'. You can also use HTML tags. Non-ASCII chars will

be converted automatically. If you use IMAGES option, this

will be the alternative text for the image.

Examples: PREV="PREV"

PREV="<img src=prev.gif alt=PREV>"

NEXT/K This is the text placed in the 'NEXT' button. Defaults

to 'NEXT'. See PREV for further information.

INDEX/K This is the text placed in the 'INDEX' button. Defaults

to 'INDEX'. See PREV for further information.

TOC/K This is the text placed in the 'CONTENTS' button. Defaults

to 'CONTENTS'. See PREV for further information.

HOME/K This is the text placed in the 'HOME' button. Defaults

to 'HOME'. See PREV for further information.

BAR/K This text is placed between the navigation button elements.

Defaults to ' | '. You can also add HTML tags or use non-

ASCII chars.

Examples: BAR=" # "

BAR="<img src=bar.gif>"

BODY/K You may add some parameters to the <body> tag of each

page, e. g. change colors or use a background image.

Example: BODY="background=bgpic.gif"

VER=VERBATIM/S If this argument is given, GuideML shows a list of all

created files and their titles.

IMG=IMAGES/S If given, GuideML uses an image navigation bar. You

don't need to specify the <img> tag, because everything

is done automatically. A set of fitting images will be

saved. Already existing files won't be replaced, so you

can also savely use your own images, of course.

FTR=FOOTER/S The navigation bar will also appear at the foot of each

page. You can then easily flip the page when you've read

it to the end.

NL=NOLINKS/S GuideML automatically detects all Internet links (like

'http://', 'ftp://' or 'mailto:') and creates a fitting

HTML link. You can disable it using this option, gaining

some speed!

NE=NOEMAILS/S GuideML also detects E-Mail addresses (without mailto:

prefix) and converts them into a HTML link. If you pass

this option, this detection will be disabled, gaining a

lot of speed! Also useful if the detection algorithm

should fail too often.

NW=NOWARN/S Don't show warnings.

SOME MORE EXAMPLES

· Simply convert a guide into the current directory:

GuideML myguide.guide

· Convert to another directory (you have to create it before!) :

GuideML myguide.guide to ram:myhtml

· With a link to your homepage:

Absolute:

GuideML myguide.guide URL="http://www.myhome.url"

Relative:

GuideML myguide.guide URL="../index.html"

· With navigation images (also as footer):

GuideML myguide.guide IMAGES FOOTER

· On a sloooow Amiga:

GuideML myguide.guide NOLINKS NOEMAILS

· White background color:

GuideML myguide.guide BODY="bgcolor=#ffffff"

· For a German AmigaGuide file (Umlauts will be converted!) :

GuideML myguide.guide PREV="ZURÜCK" NEXT="VOR" INDEX="INDEX" TOC="INHALT"