

NAME

mdassembler – Compile documentation for use in monodoc browser

SYNOPSIS

mdassembler OPTIONS* DIRS+

DESCRIPTION

mdassembler has been obsoleted by **mdoc**(1). See the **mdoc-assemble**(1) man page.

mdassembler is a program that creates *.tree* and *.zip* files for use in the **monodoc** documentation browser.

The *.tree* and *.zip* files are copied into monodoc's *sources* directory, and reside with a *.source* file which is used by **monodoc** to specify where the documentation should be displayed. The *.source* file's */monodoc/source/@basefile* attribute specifies the filename prefix for the documentation files. This must be the same prefix as used with the **--out** parameter.

OPTIONS

--ecma

The documentation found within *DIRS* is in the Mono ECMA documentation format. See the **Mono ECMA Documentation Format** section below.

--ecmaspec

The documentation found within *DIRS* is in the ECMA Specification documentation format. See the **Mono ECMA Specification Documentation Format** section below.

--error

The documentation found within *DIRS* is in "error" format. See the **Error Documentation Format** section below.

--help Show program argument information.

--man The documentation found within *DIRS* is in man page format. See the **Man Page Documentation Format** section below.

-o, --out PREFIX

Specify the output file prefix. **mdassembler** creates the files *PREFIX.zip* and *PREFIX.tree* .

--simple

The documentation found within *DIRS* is in "simple" format. See the **Simple Documentation Format** section below.

--xhtml, --hb

The documentation found within *DIRS* is in XHTML format. See the **XHTML Documentation Format** section below.

FORMATS

The following documentation formats are supported:

Mono ECMA Documentation Format

An XML documentation format with one file per type.

See the **mdoc**(5) man page for more information.

Mono ECMA Specification Documentation Format

This is not the format you're looking for.

This is the format used to represent the ECMA-334 (C#) standard within **monodoc**. It is not used to display class library documentation; for class library documentation, use the **--ecma** format.

Error Documentation Format

Used to present detailed error messages, and is used in **monodoc**'s "C# Compiler Error Reference" tree. *DIRS* is not a directory, but is instead a configuration file, containing the XML:

```
<ErrorProviderConfig>
  <FilePath>../mcs/errors</FilePath>
```

```

<Match>cs????*.cs</Match>
<ErrorNumSubstringStart>2</ErrorNumSubstringStart>
<ErrorNumSubstringLength>4</ErrorNumSubstringLength>
<FriendlyFormatString>CS{0:0###}</FriendlyFormatString>
</ErrorProviderConfig>

```

/ErrorProviderConfig/FilePath specifies where to look for files, */ErrorProviderConfig/Match* specifies the filename pattern to look for within */ErrorProviderConfig/FilePath*, */ErrorProviderConfig/ErrorNumSubstringStart* and */ErrorProviderConfig/ErrorNumSubstringLength* control which portion of the filename is used as the error number, and */ErrorProviderConfig/FriendlyFormatString* controls how the formatting/display of the node in the **monodoc** tree.

For each file found, it is converted to HTML with C# syntax coloring applied.

Simple Documentation Format

Converts text files into HTML by translating each newline into an HTML `
` element.

Man Page Documentation Format

Converts man pages into HTML for display.

XHTML Documentation Format

Copies the XHTML file as-is.

EXAMPLES

To install your documentation for use with monodoc:

Create a *PREFIX.source* file
with the contents:

```

<?xml version="1.0"?>
<monodoc>
  <source provider="FORMAT" basefile="PREFIX" path="PATH"/>
</monodoc>

```

where *FORMAT* is the documentation format contained within the *PREFIX.tree* file, e.g. *ecma*, or *simple*. *PREFIX* is the basename of the *.tree* and *.zip* files that **mdassembler** creates. *PATH* is the "path" in the monodoc tree that should contain the documentation. See the *@prefix@/lib/monodoc/monodoc.xml* file for a list of *PATH* values (the *//node/@name* values).

See also: <http://www.mono-project.com/docs/tools+libraries/tools/monodoc/generating-documentation/>

Create your documentation

See also the **monodocer**(1) man page, e.g.

```
monodocer -assembly:foo.dll -path:foo/en
```

Assemble the documentation

```
mdassembler --ecma foo/en PREFIX
```

Make sure that you use the same *PREFIX* here as you did above.

Install the documentation by using the command

```
cp PREFIX.source PREFIX.tree PREFIX.zip \
'pkg-config monodoc --variable=sourcesdir'
```

(Note the backticks used in the **pkg-config** command!) This copies the *.source*, *.tree*, and *.zip*

files into the **monodoc** *sources* directory, which will allow **monodoc** to display the documentation.

SEE ALSO

mdcs2ecma(1), **mdnormalizer(1)**, **mdoc(1)**, **mdoc-assemble(1)**, **mdvalidator(1)**, **monodocer(1)**, **mondocs2html(1)**

MAILING LISTS

Visit <http://lists.ximian.com/mailman/listinfo/mono-docs-list> for details.

WEB SITE

See also: <http://www.mono-project.com> and <http://www.mono-project.com/docs/tools+libraries/tools/mdassembler/>