Subject: perl script to create html documentation from source files available

Posted by justspam03 on Tue, 21 Oct 2003 08:11:43 GMT

Hi,

yes - I have exactly what you are looking for. I wrote a perl script
'webdoc' that extracts information from comment blocks which look something
like this:

```
;+------------------------------
; Function: mrdata::define
; Args    : int nslices   : number of slices
;           int nshots    : number of shots in the image series
; Calls   : somefunction
;           someotherfunction
; Desc    : the program does this and that
;-------------------------------

;. this is an inline comment which will be added to the docu
```

The program then creates:

- one html file per source file
- optional call trees in html, based on the info in the 'calls' section
- one html file listing all files
- one html file listing all functions
- one central html file

Some features of the program:

- 'start' and 'end' of comment block markers and inline comment markers
  are freely configurable which makes the program suitable for many
  languages (e.g. perl, shell, etc.)
- freely definable keywords and their translation into html
  ('desc' will come up as 'Description' on the webpage
- freely definable layout of the HTML output files in which the
  generated information will be imbedded
- any known function name in the html output is replaced
  by a hyperlink to the documentation of this function, i.e.
  the pages are all interlinked
- use of css style sheets which allows you to define your own
  page look without interfering with the program
- direct access to your source code via the generated HTML pages
  using a small perl viewer script - the viewer script even knows
  a very little bit of syntax highlighting although I haven't
  put much effort in this part, yet.

It's not entirely easy to configure, but I provide full documentation via an extensive manpage and a little template project which should be a good starting point. I've been running the program for some years now and it should be pretty stable in the meantime.

I cannot put it up on the net for free download, but I'll be happy to send the whole package to anybody who's interested. Please send a mail to
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at web dot de

Cheers
  Oliver