Using GNU Texinfo for HTML and PDF documentation

Henryk Paluch

How to use GNU Texinfo to produce HTML and PDF documents

Table of Contents

1 Introduction

......

2 Setup

2.1 System preparation

Tested on `Debian 10 (Buster)`.

Install these packages to use Texinfo in our example:

```
sudo apt-get install git make texinfo info pinfo texlive-binaries \
    texlive-latex-base
```

Note: The `info(1)` and `pinfo(1)` are viewers of `Info` output formats (hyper-text format used even before World Wide Web. Similarly we use `make(1)` as build system and `git(1)` to checkout our sample project.

Note: We must install `texlive-latex-base`, because Texinfo uses LaTeX fonts.

Now checkout this project from GitHub using:

```
mkdir -p ~/projects
cd  ~/projects
git clone https://github.com/hpaluch/html-and-pdf-generators.git
cd html-and-pdf-generators
```

And follow next section

2.2 Generating documentation

Use these commands to generate all available formats (PDF, HTML and Info):

```
cd ~/projects/html-and-pdf-generators/texinfo/
make
```

There are following formats generates:

'TexinfoPoC.pdf'
           PDF output created with PdfTeX

'TexinfoPoC/index.html'
           HTML output (set of files)

'TexinfoPoC.info'
           Info hypertext format, could be viewerd using 'pinfo(1)' or 'info(1)' com-
           mands.