

papers – introduction to collected works

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Abstract

What a person learns, they can transmit to others with the aspiration to create some happiness. `papers.nw` introduces a collection of my works, published with this aspiration in mind.

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Contents

This document builds a web page. The page introduces some of my collected works. The components of the page are:

- A *directory* (a folder, for you PC users).

```
4a <makefile objects 4a>≡ (7c) 4c>
    WEBROOT = /var/www/metaed.com/root/papers
    $(WEBROOT) : ; mkdir -p $@
```

- A *header*. The header contains material that is presented at the top of the page.

```
4b <header.html 4b>≡
    <!-- This file is part of the papers package. -->
    <!-- Copyright (c) 2023 Edward K. McGuire. -->
    <!-- It was compiled from papers.nw using Norman Ramsey's Noweb. -->
    <h1> metaed.com/papers </h1>
    <p>
    This is the home of some collected works.
This code is written to file header.html.
```

```
4c <makefile objects 4a>+≡ (7c) <4a 4f>
    all :: header.html
    header.html : papers.nw.sentinel ;
```

```
4d <makefile website 4d>≡ (7c) 4g>
    website :: $(WEBROOT)/header.html
    $(WEBROOT)/header.html : $(WEBROOT) header.html ; cp header.html $@
```

```
4e <makefile clean 4e>≡ (7c) 4h>
    clean :: ; rm -f header.html
```

- An *htaccess*. The htaccess manages the page as a whole. It presents the header and footer. Then it organizes the list of collected works, and adds short descriptions.

```
4f <makefile objects 4a>+≡ (7c) <4c 6b>
    all :: htaccess
    htaccess : papers.nw.sentinel ;
```

```
4g <makefile website 4d>+≡ (7c) <4d 6c>
    website :: $(WEBROOT)/.htaccess
    $(WEBROOT)/.htaccess : $(WEBROOT) htaccess ; cp htaccess $@
```

```
4h <makefile clean 4e>+≡ (7c) <4e 6d>
    clean :: ; rm -f htaccess
```

```

5 <htaccess 5>≡
# This file is part of the papers package.
# Copyright (c) 2023 Edward K. McGuire.
# It was compiled from papers.nw using Norman Ramsey's Noweb.
<IfModule autoindex_module>
Options          +Indexes
HeaderName       header
ReadmeName       footer
IndexOptions     FancyIndexing IgnoreClient VersionSort Charset=UTF-8 NameWidth=* DescriptionWidth=
# Ignore hidden files. The syntax of IndexOptions filename patterns makes it
# impossible to ignore two-character hidden files without also ignoring ..
# (parent directory), so we ignore three-character hidden files and longer.
IndexIgnore      .??*
IndexIgnore      *~
IndexIgnore      header.html footer.html
AddDescription   "The Thurber \blood game" as a Perl-CGI"      blood.pdf
AddDescription   "Automatically update Chrome"           chromeupdate.pdf
AddDescription   "Dehydrated setup for Slackware 15.0"   dehydrated.pdf
AddDescription   "\Dtt" -- a \du"-like utility for Unix" dtt
AddDescription   "DiceWare Random Passphrase Generator" dwrpg.pdf
AddDescription   "Git recipe book"                      git.pdf
AddDescription   "Here Come the Tigers by James Thurber" here-come-the-tigers.pdf
AddDescription   "NFT firewall management and reporting tools package for Slackware 15.0" n
AddDescription   "Current papers paper (PDF)"            papers.pdf
AddDescription   "Current papers source (Noweb)"         papers.nw
AddDescription   "Run commands for core Unix utilities" rc.pdf
AddDescription   "Supervising a boot-time service using the \screen" screen manager" screen.pdf
AddDescription   "Extend Vim to support Noweb"          vim-noweb
</IfModule>

```

This code is written to file htaccess.

- A *footer*. The footer contains material that is presented at the bottom of the page. Notably it has the copyright notice.

```
6a <footer.html 6a>≡
  <!-- This file is part of the papers package.           -->
  <!-- Copyright (c) 2023 Edward K. McGuire.             -->
  <!-- It was compiled from papers.nw using Norman Ramsey's Noweb. -->
  <p>
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  permitted, provided that the following conditions are met:
  <p>
  1. Redistribution of this software must retain the copyright notice above, this
  list of conditions, and the disclaimer below.
  <p>
  THIS SOFTWARE IS PROVIDED BY THE AUTHOR \AS IS" AND ANY EXPRESS OR IMPLIED
  WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF
  MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT
  SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
  EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT
  OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA OR PROFITS; OR BUSINESS
  INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
  CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING
  IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY
  OF SUCH DAMAGE.
```

This code is written to file `footer.html`.

```
6b <makefile objects 4a>+≡ (7c) <4f 6e>
  all :: footer.html
  footer.html : papers.nw.sentinel ;
```

```
6c <makefile website 4d>+≡ (7c) <4g 7a>
  website :: $(WEBROOT)/footer.html
  $(WEBROOT)/footer.html : $(WEBROOT) footer.html ; cp footer.html $@
```

```
6d <makefile clean 4e>+≡ (7c) <4h 7b>
  clean :: ; rm -f footer.html
```

- This document. This document is one of the works collected, both as a finished document and in source form.

```
6e <makefile objects 4a>+≡ (7c) <6b 7d>
  all :: papers.pdf
  papers.pdf : papers.tex ; latexmk -pdf papers
  papers.tex : papers.nw.sentinel ;
```

7a `<makefile website 4d>+≡` (7c) <6c

```

website :: $(WEBROOT)/papers.pdf $(WEBROOT)/papers.nw
$(WEBROOT)/papers.pdf : $(WEBROOT) papers.pdf ; cp papers.pdf $@
$(WEBROOT)/papers.nw : $(WEBROOT) papers.nw ; cp papers.nw $@

```

7b `<makefile clean 4e>+≡` (7c) <6d

```

clean :: ; latexmk -C papers
clean :: ; rm -f papers.tex

```

The makefile and sentinel file are built from the same source.

7c `<makefile 7c>≡`

```

# This file is part of the papers package.
# Copyright (c) 2023 Edward K. McGuire.
# It was compiled from papers.nw using Norman Ramsey's Noweb.
usage ::
    @echo 'makefile: usage:'
    @echo ' make all'
    @echo ' make website (implies all)'
    @echo ' make clean'

all ::
<makefile objects 4a>
website :: all
<makefile website 4d>
clean :: ; rm -f *~ .*~
<makefile clean 4e>

```

This code is written to file `makefile`.

7d `<makefile objects 4a>+≡` (7c) <6e

```

all :: makefile
makefile : papers.nw.sentinel ;
papers.nw.sentinel : papers.nw ; noweb $<
clean :: ; rm -f makefile

```