

cmcms

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2 example2/example2.conf

```
NAME="An Example With A Really Long Name"
URI=http://example.com/blog/
OUT=html
TMP=tmp/cmcms.sh.$$
```

```
5 PERPAGE="12"
  THUMBNAILER="convert -geometry 128x128"
```

3 example2/.gitignore

```
html
tmp
```

4 example2/pages/2010-09-14_really_quite_long.xml

```
<page>
<date>2010-09-14T12:12:55+0100</date>
<file>2010-09-14_really_quite_long</file>
<title>An Example Page With A Really Quite Long Name That Might Stretch Over A ↵
    ↵ Few Lines Because It Is Really Quite So Long</title>
5 <summary><div xmlns="http://www.w3.org/1999/xhtml">
  <p>Testing out the ways in which CMCMS could be improved in the cases where the ↵
    ↵ texts are longer than you might expect, in case they overflow boxes or ↵
    ↵ change layout in ways that are undesirable, and so on and so forth.</p>
  </div></summary>
  <content><div xmlns="http://www.w3.org/1999/xhtml">
    <p>This text can be long anyway, so no need to test this part!</p>
10 </div></content>
    <tag>example</tag>
    <tag>long</tag>
  </page>
```

5 example2/static/cmcms.css

```
/* layout */

html, body, h1, h2, h3, h4, h5, h6, div, span, p { margin: 0; padding: 0; }

5 div.top { overflow: auto; }

div.header { margin: 20px; margin-top: 0; }
div.header a, div.header a img { border: 0; }

10 div.main { margin: 20px; }

div.gallery { overflow: auto; }
div.gallery div { float: left; width: 128px; height: 128px; text-align: center; ↵
  ↵ margin: 20px; }
div.gallery div a { margin: 0; border: 0; line-height: 128px; }
15 div.gallery div a img { margin: 0; border: 0; vertical-align: middle; }

div.separator { float: none; clear: both; display: block; visibility: hidden; ↵
  ↵ height: 1px; line-height: 1px; }

div.footer { clear: both; overflow: auto; margin: 20px; margin-top: 0; padding: ↵
  ↵ 10px 20px; text-align: center; border-top: 1px solid; }
20 div.footer .example { float: left; }
div.footer .source { float: right; }

div.tagcloud { margin-top: 20px; margin-bottom: 20px; }
div.tagcloud ul { margin: 0 20px; padding: 0; border: 0; display: block; }
```

```

25  div.tagcloud ul li { margin: 0; padding: 5px; border: 0; display: inline; }

    div.recent { margin-top: 20px; margin-bottom: 20px; }
    div.recent ul { margin: 0 20px; padding: 0; border: 0; display: block; }
    div.recent ul li { margin: 0; padding: 5px; border: 0; display: block; }
30
    ul.navigation, ul.tags { margin: 0; padding: 0; display: block; }
    ul.navigation { margin-bottom: 20px; }
    ul.navigation li, ul.tags li { margin: 0; padding: 0; border: 0; display: block; }
        ↪ ; }
    ul.navigation li ul { margin: 0 20px; padding: 0; border: 0; display: block; }
        ↪ width: 200px; }
35  ul.navigation li ul li { margin: 0; padding: 0; border: 0; display: inline-block; }
        ↪ ; }
    ul.navigation li ul li { width: 20px; text-align: left; }
    ul.navigation li ul li + li { width: 160px; text-align: center; }
    ul.navigation li ul li + li + li { width: 20px; text-align: right; }

40  h1, h2, h3, h4, h5, h6 { margin: 20px 0; padding: 0 20px; }
    h1, h2 { margin-bottom: 20px; border-bottom: 1px solid; }
    h3, h4, h5, h6 { margin-top: 20px; border-top: 1px solid; }
    p { padding: 10px 20px; margin: 20px 0; }
    blockquote { margin: 20px 0; padding: 10px 80px; }
45
    div.date { margin: 0 20px; border: 0; padding: 0; }
    ul.tags { margin: 0 20px; border: 0; display: block; padding: 0; }
    ul.tags li { margin: 0; border: 0; display: inline; padding: 0; padding-right: }
        ↪ 10px; }
    div.summary p { margin: 10px 20px; padding: 0; }
50
    /* fonts */

    html { font-family: sans-serif; }

55  h1,
    h2 { font-size: 400%; }
    h3 { font-size: 150%; }
    h4 { font-size: 140%; }
    h5 { font-size: 130%; }
60  h6 { font-size: 120%; }

    h1, h2, h3, h4, h5, h6 { font-weight: bold; font-variant: small-caps; }

    .tagcloud .popularity1 { font-size: 100%; }
65  .tagcloud .popularity2 { font-size: 110%; }
    .tagcloud .popularity3 { font-size: 120%; }
    .tagcloud .popularity4 { font-size: 130%; }
    .tagcloud .popularity5 { font-size: 140%; }
    .tagcloud .popularity6 { font-size: 150%; }
70  .tagcloud .popularity7 { font-size: 160%; }
    .tagcloud .popularity8 { font-size: 170%; }
    .tagcloud .popularity9 { font-size: 180%; }

    .date { font-size: 67%; }
75  a { text-decoration: none; }

```

6 example2/static/print.css

```
@import url('cmcms.css');

div.header { display: none; }
div.footer { display: none; }
5 div.main { margin-left: 0; }
```

7 example2/theme/footer.xml

```
<div class="example"><a href="http://example.com" title="Example">Example</a></div>
  ↳ div>
<div class="source"><a href="..src/" title="source">source</a></div>
```

8 example2/theme/header.xml

```
<h1 id="pagetitle"><a href="." title="e.g.,">This Particular Example Has A
  ↳ Really Long Name</a></h1>
```

9 example2/theme/head.xml

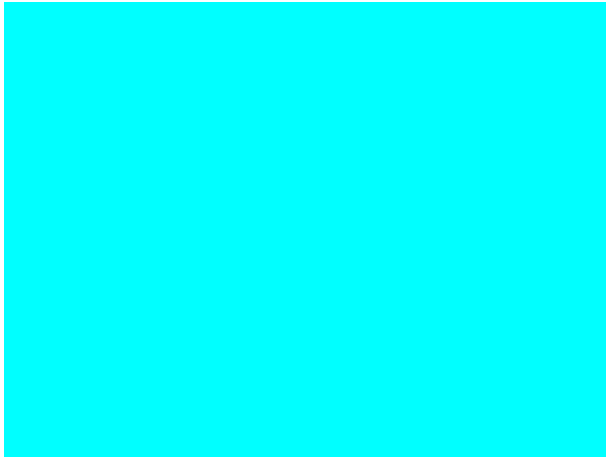
```
<head xmlns="http://www.w3.org/1999/xhtml">
<!-- insert any <script>s and additional voodoo here -->
</head>
```

10 example/example.conf

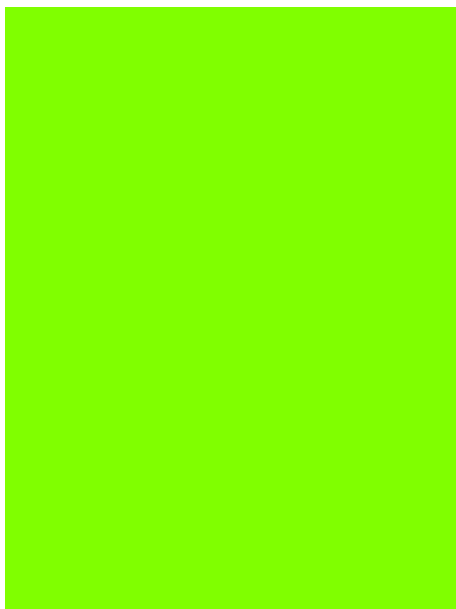
```
NAME=Example
URL=http://example.com/blog/
OUT=html
TMP=tmp/cmcms.sh.$$
5 PERPAGE=12
THUMBNAILER="convert -geometry 128x128"
```

11 example/gallery/2010-09-12_a/blue.png



12 example/gallery/2010-09-12_a/cyan.png**13 example/gallery/2010-09-12_a/green.png**

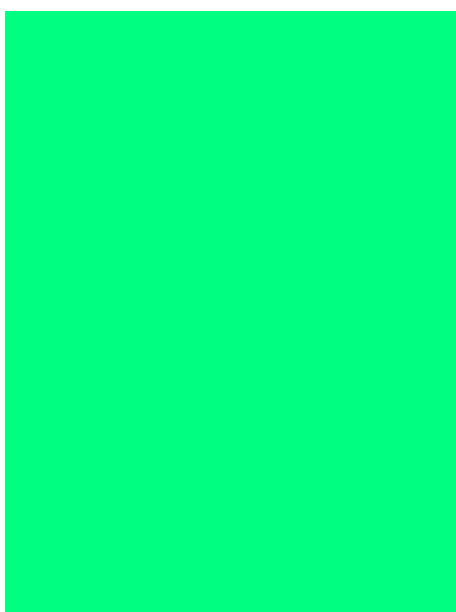
14 example/gallery/2010-09-12_a/leaf.png



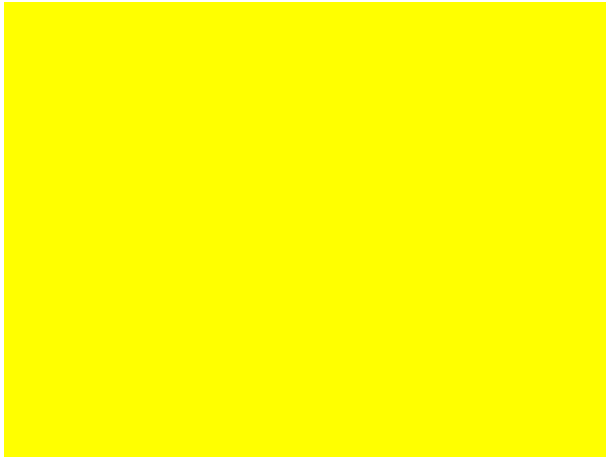
15 example/gallery/2010-09-12_a/magenta.png



16 example/gallery/2010-09-12_a/orange.png**17 example/gallery/2010-09-12_a/pink.png**

18 example/gallery/2010-09-12_a/red.png**19 example/gallery/2010-09-12_a/sea.png**

20 example/gallery/2010-09-12_a/sky.png**21 example/gallery/2010-09-12_a/violet.png**

22 example/gallery/2010-09-12_a/yellow.png**23 example/gallery/2010-09-12_b/apple.jpg**

24 example/gallery/2010-09-12_b/belgian-beer.jpg



25 example/gallery/2010-09-12_b/irish-beer.jpg



26 example/gallery/2010-09-12_b/pear.jpg**27 example/gallery/2010-09-12_b/red-wine.jpg**

28 example/gallery/2010-09-12_b/white-wine.jpg



29 example/.gitignore

html
tmp

30 example/pages/2010-09-12_bar.xml

```

<page>
<date>2010-09-12T03:21:09+0100</date>
<file>2010-09-12_bar</file>
<title>Bar</title>
5  <summary><div xmlns="http://www.w3.org/1999/xhtml">
  <p>The second standard metasyntactic variable.</p>
</div></summary>
  <content><div xmlns="http://www.w3.org/1999/xhtml">
    <p><strong>Bar</strong> is the second standard metasyntactic variable.
10  And also an establishment serving drinks.</p>
    <blockquote><pre>  ....,--
      (
        ]~, "-.-~~[
      .=])' ( [
15  | ]:: ' [
      '=]) : .) ([
        |:: ' |
          ~-~-~</pre></blockquote>
    <p>Mmm, beer.</p>
20  </div></content>
    <tag>drinking</tag>
    <tag>metasyntactic</tag>
  </page>

```

31 example/pages/2010-09-12_foo.xml

```

<page>
<date>2010-09-12T03:14:15+0100</date>
<file>2010-09-12_foo</file>
<title>Foo</title>
5  <summary><div xmlns="http://www.w3.org/1999/xhtml">
  <p>The first standard metasyntactic variable.</p>
</div></summary>
<content><div xmlns="http://www.w3.org/1999/xhtml">
  <p><strong>Foo</strong> is the first standard metasyntactic variable.
10 <a href="http://en.wikipedia.org/wiki/Foo" title="Foo (wiki)">Wikipedia</a> say ↯
    ↵ :</p>
  <blockquote>The terms foobar, foo, bar, and baz are sometimes used as
    placeholder names (also referred to as metasyntactic variables) in
    computer programming or computer-related documentation. They have been
    used to name entities such as variables, functions, and commands whose
15 purpose is unimportant and serve only to demonstrate a concept. The
    words themselves have no meaning in this usage. Foobar is sometimes used
    alone; foo, bar, and baz are sometimes used in that order, when multiple
    entities are needed.</blockquote>
  <p>More information to follow.</p>
20 </div></content>
  <tag>metasyntactic</tag>
  <tag>variable</tag>
</page>

```

32 example/pages/2010-09-12_gallery.xml

```

<page>
<date>2010-09-12T07:23:45+0100</date>
<file>2010-09-12_gallery</file>
<title>Gallery</title>
5  <gallery>2010-09-12_a</gallery>
  <gallery>2010-09-12_b</gallery>
  <summary><div xmlns="http://www.w3.org/1999/xhtml">
    <p>Automatic gallery generation.</p>
  </div></summary>
10 <content><div xmlns="http://www.w3.org/1999/xhtml">
  <p>Some text before the first gallery.</p>
  <div class="gallery">2010-09-12_a</div>
  <p>Some text between the galleries.</p>
  <div class="gallery">2010-09-12_b</div>
15 <p>Some text after the second gallery.</p>
</div></content>
  <tag>drinking</tag>
  <tag>gallery</tag>
</page>

```

33 example/pages/2010-09-12_quux.xml

```

<page>
<date>2010-09-12T17:27:14+0100</date>
<file>2010-09-12_quux</file>
<title>Quux</title>
5  <summary><div xmlns="http://www.w3.org/1999/xhtml">

```

```

<p>Moar Metasyntax</p>
</div></summary>
<content><div xmlns="http://www.w3.org/1999/xhtml">
<p>Yet another variable.</p>
10 </div></content>
<tag>variable</tag>
</page>

```

34 example/static/cmcms.css

```

/* layout */

html, body, h1, h2, h3, h4, h5, h6, div, span, p { margin: 0; padding: 0; }

5 div.top { overflow: auto; }

div.header { margin: 20px; margin-top: 0; }
div.header a, div.header a img { border: 0; }

10 div.main { margin: 20px; }

div.gallery { overflow: auto; }
div.gallery div { float: left; width: 128px; height: 128px; text-align: center; ↵
    ↵ margin: 20px; }
div.gallery div a { margin: 0; border: 0; line-height: 128px; }
15 div.gallery div a img { margin: 0; border: 0; vertical-align: middle; }

div.separator { float: none; clear: both; display: block; visibility: hidden; ↵
    ↵ height: 1px; line-height: 1px; }

div.footer { clear: both; overflow: auto; margin: 20px; margin-top: 0; padding: ↵
    ↵ 10px 20px; text-align: center; border-top: 1px solid; }
20 div.footer .example { float: left; }
div.footer .source { float: right; }

div.tagcloud { margin-top: 20px; margin-bottom: 20px; }
div.tagcloud ul { margin: 0 20px; padding: 0; border: 0; display: block; }
25 div.tagcloud ul li { margin: 0; padding: 5px; border: 0; display: inline; }

div.recent { margin-top: 20px; margin-bottom: 20px; }
div.recent ul { margin: 0 20px; padding: 0; border: 0; display: block; }
div.recent ul li { margin: 0; padding: 5px; border: 0; display: block; }
30 ul.navigation, ul.tags { margin: 0; padding: 0; display: block; }
ul.navigation { margin-bottom: 20px; }
ul.navigation li, ul.tags li { margin: 0; padding: 0; border: 0; display: block; ↵
    ↵ ; }
ul.navigation li ul { margin: 0 20px; padding: 0; border: 0; display: block; ↵
    ↵ width: 200px; }
35 ul.navigation li ul li { margin: 0; padding: 0; border: 0; display: inline-block; ↵
    ↵ ; }
ul.navigation li ul li { width: 20px; text-align: left; }
ul.navigation li ul li + li { width: 160px; text-align: center; }
ul.navigation li ul li + li + li { width: 20px; text-align: right; }

40 h1, h2, h3, h4, h5, h6 { margin: 20px 0; padding: 0 20px; }
h1, h2 { margin-bottom: 20px; border-bottom: 1px solid; }

```

```

h3, h4, h5, h6 { margin-top: 20px; border-top: 1px solid; }
p { padding: 10px 20px; margin: 20px 0; }
blockquote { margin: 20px 0; padding: 10px 80px; }
45
div.date { margin: 0 20px; border: 0; padding: 0; }
ul.tags { margin: 0 20px; border: 0; display: block; padding: 0; }
ul.tags li { margin: 0; border: 0; display: inline; padding: 0; padding-right: ↵
    ↵ 10px; }
div.summary p { margin: 10px 20px; padding: 0; }
50
/* fonts */

html { font-family: sans-serif; }

55 h1,
h2 { font-size: 400%; }
h3 { font-size: 150%; }
h4 { font-size: 140%; }
h5 { font-size: 130%; }
60 h6 { font-size: 120%; }

h1, h2, h3, h4, h5, h6 { font-weight: bold; font-variant: small-caps; }

.tagcloud .popularity1 { font-size: 100%; }
65 .tagcloud .popularity2 { font-size: 110%; }
.tagcloud .popularity3 { font-size: 120%; }
.tagcloud .popularity4 { font-size: 130%; }
.tagcloud .popularity5 { font-size: 140%; }
.tagcloud .popularity6 { font-size: 150%; }
70 .tagcloud .popularity7 { font-size: 160%; }
.tagcloud .popularity8 { font-size: 170%; }
.tagcloud .popularity9 { font-size: 180%; }

.date { font-size: 67%; }
75
a { text-decoration: none; }

```

35 example/static/example.png



36 example/static/print.css

```
@import url('cmcms.css');
```

```

div.header { display: none; }
div.footer { display: none; }
5 div.main   { margin-left: 0; }

```

37 example/theme/footer.xml

```

<div class="example"><a href="http://example.com" title="Example">Example</a></div>
  ↳ div>
<div class="source"><a href="../src/" title="source">source</a></div>

```

38 example/theme/header.xml

```

<h1><a href="." title="e.g.,">e.g.,</a></h1>

```

39 example/theme/head.xml

```

<head xmlns="http://www.w3.org/1999/xhtml">
<!-- insert any <script>s and additional voodoo here -->
</head>

```

40 NEWS

+git

change: navigation headers moved below main content
change: more optimized for phone display
new: pagination by year
5 new: inject file into head tag (e.g. for MathJAX)
new: better sorting of images in galleries
new: image link to rss feeds
change: previous massive index moved to everything.html

10 v0.3 2010-09-13

a maze of twisty passages
new: hyperlinked anchors
new: contextful navigation (aka 'zipper')
new: command to generate new page
change: tag cloud size mapping
15 change: example style improved
change: sort by date instead of name
change: internal metadata extraction

20 v0.2 2010-09-12

go go gadget gallery
new: image dir -> thumbnail gallery
change: RSS renamed to .rss (from .xml)
change: 'recent posts' Javascript ditched

v0.1 2010-09-12

separate configuration files

41 README

cmcms == CMCMS Content Management System

Usage

```

5  -----

./src/cmcms.sh help          display usage information
./src/cmcms.sh version       display version information
./src/cmcms.sh init          initialize a new empty site
10 ./src/cmcms.sh add          add a new page
./src/cmcms.sh gen [config]  generate output site from "config"

See also the provided 'example/'.

15  Usage Examples
-----

----8<----
20  example $ ../src/cmcms.sh add
date      : 2010-09-12T17:27:14+0100
title     : Quux
url       : 2010-09-12_quux
summary   : Moar Metasyntax
25  tag(s)  : metasyntactic variable
gallery(s):
output saved to 'pages/2010-09-12_quux.xml', now edit it to add content
----8<----

30  ----8<----
example $ ../src/cmcms.sh gen example.conf
Configuring...
Setting up...
Generating tag cloud...
35  Generating recent posts...
Generating header and footer...
Generating galleries...
Generating content pages...
Generating tag pages...
40  Generating index page...
Generating tag RSS feeds...
Generating main RSS feed...
Copying static content...
Copying gallery images...
45  Updating gallery thumbnails...
Done!
----8<----

50  Configuration file
-----

NAME      The name of the site; appears in titles, feeds, ...
URL       The base url of the output site; appears in RSS feeds.
55  OUT    The output directory; relative to config file or absolute.
TMP       Temporary directory; relative to config file or absolute.
THUMB     Thumbnail geometry.

60  Hardcoded paths (relative to configuration file)
-----

```

```

pages/*.xml           page definitions
gallery/*/*.(jpg|png) original gallery images
65 static/*           extra files to copy to output
static/cmcms.css      main default screen stylesheet
static/print.css      printable format stylesheet
theme/head.xml        page head tag xhtml snippet
theme/header.xml      page header xhtml snippet
70 theme/footer.xml    page footer xhtml snippet

```

Hardcoded urls (relative to output directory)

```

75 -----
index.html    main view (symlinked to 2019.html)
{year}.html   per year archive (hardcoded 2006 through to 2019)
everything.html archive of everything
{tag}.html    tag view
80 {page}.html  page view
index.rss     main RSS feed
{tag}.rss     tag RSS feed
cmcms.css     screen stylesheet
print.css     print stylesheet
85
g/{gallery}/{image}.(jpg|png) original images
g/{gallery}/{image}_thumb.jpg generated thumbnails

```

90 Hardcoded texts

```

-----
" :: " separates pagename from sitename in <title> tag of HTML and RSS
probably some other stuff...
95 archives years are hardcoded to 2006 through 2019

```

Bugs

```

-----
100 See TODO.

```

Legal

```

105 -----
Copyright (C) 2008,2009,2010,2012,2013,2016-2019  Claude Heiland-Allen <
    ↵ claud@mathr.co.uk>

This program is free software: you can redistribute it and/or modify
110 it under the terms of the GNU Affero General Public License as published by
the Free Software Foundation, either version 3 of the License, or
(at your option) any later version.

This program is distributed in the hope that it will be useful,
115 but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See the
GNU Affero General Public License for more details.

```

120 You should have received a copy of the GNU Affero General Public License
 along with this program. If not, see <<http://www.gnu.org/licenses/>>.

42 src/cmcms.sh

```
#!/bin/bash

# cmcms == CMCMS Content Management System
# Copyright (C) 2008,2009,2010,2012,2013,2016,2017,2018,2019 Claude Heiland-Allen
#   ↪ Allen

5 #
# This program is free software: you can redistribute it and/or modify
# it under the terms of the GNU Affero General Public License as published by
# the Free Software Foundation, either version 3 of the License, or
# (at your option) any later version.

10 #
# This program is distributed in the hope that it will be useful,
# but WITHOUT ANY WARRANTY; without even the implied warranty of
# MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
# GNU Affero General Public License for more details.

15 #
# You should have received a copy of the GNU Affero General Public License
# along with this program. If not, see <http://www.gnu.org/licenses/>.
CMCMS="$(dirname "$(readlink -f "${0}")")"
shopt -s nullglob
20 if [[ ! ( "x${1}" == "xversion" || "x${1}" == "xinit" || "x${1}" == "xadd" || ( ↪
    ↪ "x${1}" == "xgen" && "x${2}" != "x" && -f "${2}" ) ) ]]
then
    cat <<-USAGE
Usage:
    $(basename "${0}") help           -- display this usage information
25    $(basename "${0}") version       -- display version information
    $(basename "${0}") init           -- initialize a new site
    $(basename "${0}") add            -- add a new page
    $(basename "${0}") gen [config]  -- generate output site from "config"
USAGE
30    exit $( [[ "x${1}" == "xhelp" ]] )
fi

case "${1}" in
    "version")
35        cat <<-VERSION
cmcms 0.4
Copyright (C) 2008,2009,2010,2012,2013,2016,2017,2018,2019 Claude Heiland-Allen ↪
    ↪ <claude@mathr.co.uk>
This is free software; see the source for copying conditions. There is NO
warranty; not even for MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.
40    VERSION
        exit 0
        ;;
    "init")
        echo "$(basename "${0}")": init: not yet implemented, sorry"
45        exit 1
        ;;
    "add")
        if [[ ! -d "pages/" ]]

```

```

then
50     echo "$(basename "${0}")": add: directory not found: \'pages/\'
        exit 1
    fi
    DATEFULL="$(date --iso=s)"
    DATESHORT="${DATEFULL:0:10}"
55     read -e -p "date          : " -i "${DATEFULL}" PAGEDATE
    read -e -p "title          : " PAGETITLE
    read -e -p "url            : " -i "${DATESHORT}_"$(echo "${PAGETITLE}" | sed "s/
        ↪ |[^-a-zA-Z0-9]|_|g" | tr "[:upper:]" "[:lower:]" | tr -s "_")" ↪
        ↪ PAGEURL
    read -e -p "summary        : " PAGESUMMARY
    read -e -p "tag(s)         : " PAGETAGS
60     read -e -p "gallery(s)   : " PAGEGALLERIES
    PAGEFILE="pages/${PAGEURL}.xml"
    if [[ -f "${PAGEFILE}" ]]
    then
        echo "WARNING : file already exists: \'${PAGEFILE}\'"
65     PAGEFILE="pages/cmcms.${$.xml}"
        if [[ -f "${PAGEFILE}" ]]
        then
            echo "ERROR   : file already exists: \'${PAGEFILE}\'"
            exit 1
70     fi
        echo "WARNING : writing alternative: \'${PAGEFILE}\'"
    fi
    (
        cat <<-TEMPLATE
75 <page>
        <date>${PAGEDATE}</date>
        <file>${PAGEURL}</file>
        <title>${PAGETITLE}</title>
        <summary><div xmlns="http://www.w3.org/1999/xhtml">
80 <p>${PAGESUMMARY}</p>
        </div></summary>
        <content><div xmlns="http://www.w3.org/1999/xhtml">
        <!-- delete this line and replace with your content -->
        TEMPLATE
85     for gallery in ${PAGEGALLERIES}
        do
            echo "<div class=\"gallery\">${gallery}</div>"
        done
        echo "</div></content>"
90     for gallery in ${PAGEGALLERIES}
        do
            echo "<gallery>${gallery}</gallery>"
        done
        for tag in ${PAGETAGS}
95     do
            echo "<tag>${tag}</tag>"
        done
        echo "</page>"
    ) > "${PAGEFILE}"
100 echo "output saved to \'${PAGEFILE}\', now edit it to add content"
    exit 0
;;
esac

```

```

105 # -----
    echo "Configuring..."
    # -----

    source "${2}"

110 # make paths absolute
    IDIR="$(dirname "${2}")"
    if [ "x/" = "x${OUT:0:1}" ]
    then
115     ODIR="${OUT}"
    else
        ODIR="$(dirname "${2}")/${OUT}"
    fi
    if [ "x/" = "x${TMP:0:1}" ]
120 then
        TDIR="${TMP}"
    else
        TDIR="$(dirname "${2}")/${TMP}"
    fi
125 # -----
    echo "Setting up..."
    # -----

130 mkdir -p "${ODIR}" "${TDIR}"
    PAGES="${TDIR}/pages.xml"
    (
        echo "<pages>" &&
        cat $( ls -l --quoting-style=escape "${IDIR}/pages/"*.xml | sort -r ) &&
135     echo "</pages>"
    ) > "${PAGES}"
    INDEX="${TDIR}/index.txt"
    (
        cat "${PAGES}" |
140     xsltproc "${CMCMS}/extract.xsl" - &&
        echo "0000-00-00 END END "
    ) | sort -nr > "${INDEX}"
    (
        echo "<pages>" &&
145     cat "${INDEX}" |
        head -n -1 |
        while read date file tags
        do
            cat "${IDIR}/pages/${file}.xml"
150         done &&
        echo "</pages>"
    ) > "${PAGES}"

155 # -----
    echo "Generating tag cloud..."
    # -----

    (
160     TAGS="${TDIR}/tags.txt"

```

```

cat "${INDEX}" |
head -n -1 |
cut -d\ -f 3- |
tr " " "\n" |
165 grep -v "^$" |
sort |
uniq -c |
sort -n |
cat -n > "${TAGS}"
170 total="$(cat "${TAGS}" | wc -l)"
echo "<div class=\"tagcloud\"><h3>tags</h3><ul> &&
cat "${TAGS}" |
while read order count tag
do
175 class="$(( 10 * (order - 1) / total ))"
echo "${tag} ${class}"
done |
sort |
while read tag class
180 do
link="<a href=\"${tag}.html\" title=\"${tag}\">${tag}</a>"
echo "<li class=\"popularity${class}\">${link}</li>"
done &&
echo "</ul></div>"
185 ) > "${TDIR}/cloud.xml"

# -----
echo "Generating recent posts..."
# -----
190 (
echo "<div class=\"archives\"><h3>archives</h3><ul> &&
for year in $(seq 2019 -1 2006)
do
195 echo "<li><a href=\"${year}.html\">${year}</a></li>"
done &&
echo "<li><a href=\"everything.html\">*</a></li> &&
echo "</ul></div> &&
echo "<div class=\"recent\"><h3>recent</h3><ul> &&
200 cat "${INDEX}" | head -n-1 | head -n "${PERPAGE}" |
while read date file tags
do
cat "${IDIR}/pages/${file}.xml" |
xsltproc "${CMCMS}/recent.xsl" -
205 done &&
echo "</ul></div>"
) > "${TDIR}/recent.xml"

# -----
210 echo "Generating header and footer..."
# -----

(
cat "${IDIR}/theme/head.xml"
215 ) > "${TDIR}/head.xml"
(
echo "<div xmlns=\"http://www.w3.org/1999/xhtml\"> &&

```

```

    cat "${IDIR}/theme/header.xml" &&
    echo "</div>"
220 ) > "${TDIR}/header1.xml"
    (
        echo "<div xmlns=\"http://www.w3.org/1999/xhtml\">" &&
        cat "${TDIR}/cloud.xml" &&
        cat "${TDIR}/recent.xml" &&
225     echo "</div>"
    ) > "${TDIR}/header2.xml"
    (
        echo "<div xmlns=\"http://www.w3.org/1999/xhtml\" class=\"footer\">" &&
        cat "${IDIR}/theme/footer.xml" &&
230     echo "</div>"
    ) > "${TDIR}/footer.xml"

# -----
echo "Generating galleries..."
235 # -----

cat "${PAGES}" |
xsltproc "${CMCMS}/galleries.xsl" - |
sort |
240 uniq |
while read gallery
do
    (
        echo "<div xmlns=\"http://www.w3.org/1999/xhtml\" class=\"gallery\">"
245     ls -1 "${IDIR}/gallery/${gallery}"*{.jpg,.png} |
        while read i
        do
            if [[ ! ( "${i}" =~ "_thumb.jpg" ) ]]
            then
250                 image="$(basename "${i}")"
                 thumb="${image}/%.jpg/_thumb.jpg"
                 thumb="${thumb}/%.png/_thumb.jpg"
                 alt="${thumb}/%.thumb.jpg/"
                 img="<img src=\"g/${gallery}/${thumb}\" alt=\"${alt}\" />"
255                 link="<a href=\"g/${gallery}/${image}\" title=\"${alt}\">${img}</a>"
                 echo "<div>${link}</div>"
            fi
        done
        echo "</div>"
260    ) > "${TDIR}/gallery_${gallery}.xml"
done

# -----
echo "Generating content pages..."
265 # -----

DATENEXT=""
DATETHIS=""
DATEPREV=""
270 PAGENEXT=""
PAGETHIS=""
PAGEPREV=""
TAGSTHIS=""
TAGSPREV=""

```

```

275 NAVIGATION="{TDIR}/navigation.xml"
    cat "${INDEX}" |
    while read date file tags
    do
        DATENEXT="{DATETHIS}"
280     DATETHIS="{DATEPREV}"
        DATEPREV="{date}"
        PAGENEXT="{PAGETHIS}"
        PAGETHIS="{PAGEPREV}"
        PAGEPREV="{file}"
285     TAGSTHIS="{TAGSPREV}"
        TAGSPREV="{tags}"
        if [[ "x${DATEPREV}" == "x0000-00-00" || "x${PAGEPREV}" == "xEND" ]]
        then
            DATEPREV=""
290             PAGEPREV=""
            TAGSPREV=""
        fi
        if [[ "x${PAGETHIS}" != "x" ]]
        then
295             (
                cat <<-NAVIGATION
                <navigation>
                <by-date>
                <later>${PAGENEXT}</later>
300             <date>${DATETHIS}</date>
                <earlier>${PAGEPREV}</earlier>
                </by-date>
                NAVIGATION
                for tag in ${TAGSTHIS}
                do
305                     cat "${INDEX}" |
                        grep "^[^]* [^]* .* ${tag} .*$" |
                        grep -A 1 -B 1 "${PAGETHIS}" |
                        (
310                             read dummy1 TAGFILE dummy2
                                if [[ "x${TAGFILE}" == "x${PAGETHIS}" ]]
                                then
                                    TAGNEXT=""
                                    TAGTHIS="{TAGFILE}"
315                                     read dummy1 TAGFILE dummy2
                                        TAGPREV="{TAGFILE}"
                                else
                                    TAGNEXT="{TAGFILE}"
                                    read dummy1 TAGFILE dummy2
320                                     TAGTHIS="{TAGFILE}"
                                        read dummy1 TAGFILE dummy2
                                            TAGPREV="{TAGFILE}"
                                fi
                                    cat <<-NAVIGATION
325                 <by-tag>
                    <later>${TAGNEXT}</later>
                    <tag>${tag}</tag>
                    <earlier>${TAGPREV}</earlier>
                    </by-tag>
330                 NAVIGATION
                )
            )
        fi
    done

```

```

done
echo "</navigation>"
) > "${NAVIGATION}"
335 (
    cat "${PAGES}" |
    xsltproc \
        --path "${TDIR}" \
        --stringparam SITENAME "${NAME}" \
340     --stringparam HEAD "head.xml" \
        --stringparam HEADER1 "header1.xml" \
        --stringparam HEADER2 "header2.xml" \
        --stringparam FOOTER "footer.xml" \
        --stringparam NAVIGATION "navigation.xml" \
345     --stringparam PAGE "${PAGETHIS}" \
        "${CMCMS}/page.xsl" -
    ) > "${ODIR}/${PAGETHIS}.html"
fi
done
350 # -----
echo "Generating tag pages..."
# -----

355 cat "${PAGES}" |
xsltproc "${CMCMS}/tags.xsl" - |
sort |
uniq |
while read tag ;
360 do
    cat "${PAGES}" |
    xsltproc \
        --path "${TDIR}" \
        --stringparam SITENAME "${NAME}" \
365     --stringparam HEAD "head.xml" \
        --stringparam HEADER1 "header1.xml" \
        --stringparam HEADER2 "header2.xml" \
        --stringparam FOOTER "footer.xml" \
        --stringparam tag "${tag}" \
370     "${CMCMS}/tag.xsl" - > "${ODIR}/${tag}.html"
done

# -----
echo "Generating year pages..."
375 # -----

for year in $(seq 2006 2019)
do
    cat "${PAGES}" |
380    xsltproc \
        --path "${TDIR}" \
        --stringparam SITENAME "${NAME}" \
        --stringparam HEAD "head.xml" \
        --stringparam HEADER1 "header1.xml" \
385     --stringparam HEADER2 "header2.xml" \
        --stringparam FOOTER "footer.xml" \
        --stringparam year "${year}" \
        "${CMCMS}/year.xsl" - > "${ODIR}/${year}.html"

```

```

done
390 pushd "${ODIR}"
    rm -f "index.html"
    ln -s "2019.html" "index.html"
    popd

395 # -----
    echo "Generating everything page..."
    # -----

    cat "${PAGES}" |
400 xsltproc \
    --path "${TDIR}" \
    --stringparam SITENAME "${NAME}" \
    --stringparam HEAD "head.xml" \
    --stringparam HEADER1 "header1.xml" \
405 --stringparam HEADER2 "header2.xml" \
    --stringparam FOOTER "footer.xml" \
    "${CMCMS}/index.xsl" - > "${ODIR}/everything.html"

    # -----
410 echo "Generating tag RSS feeds..."
    # -----

    cat "${PAGES}" |
    xsltproc "${CMCMS}/tags.xsl" - |
415 sort |
    uniq |
    while read tag ;
    do
        cat "${PAGES}" |
420 xsltproc \
        --path "${TDIR}" \
        --stringparam TITLE "${tag} :: ${NAME}" \
        --stringparam URL "${URL}" \
        --stringparam DESCRIPTION "${NAME} ${tag} feed" \
425 --stringparam TAG "${tag}" \
        "${CMCMS}/rss20tag.xsl" - > "${ODIR}/${tag}.rss"
    done

    # -----
430 echo "Generating main RSS feed..."
    # -----

    cat "${PAGES}" |
    xsltproc \
435 --path "${TDIR}" \
    --stringparam TITLE "${NAME}" \
    --stringparam URL "${URL}" \
    --stringparam DESCRIPTION "${NAME} news feed" \
    "${CMCMS}/rss20.xsl" - > "${ODIR}/index.rss"

440 # -----
    echo "Copying static content..."
    # -----

445 cp -au "${IDIR}/static/"* "${ODIR}/"

```

```

# -----
echo "Copying gallery images..."
# -----
450 mkdir -p "${ODIR}/g"
    for g in "${IDIR}/gallery/"*
    do
        cp -au "${g}/" "${ODIR}/g/"
455 done

# -----
echo "Updating gallery thumbnails..."
# -----
460 if [[ "x${THUMBNAILER}" != "x" ]]
    then
        for i in "${ODIR}/g/"*/*
        do
465             if [[ ! ( "${i}" =~ "_thumb.jpg" ) ]]
                then
                    if [[ "${i}" =~ ".jpg" ]]
                    then
                        if [[ "${i}/%.jpg/_thumb.jpg" -ot "${i}" ]]
470                         then
                            ${THUMBNAILER} "${i}" "${i}/%.jpg/_thumb.jpg"
                        fi
                    elif [[ "${i}" =~ ".png" ]]
                    then
475                         if [[ "${i}/%.png/_thumb.jpg" -ot "${i}" ]]
                            then
                                ${THUMBNAILER} "${i}" "${i}/%.png/_thumb.jpg"
                            fi
                        fi
480                 fi
            done
        fi

# -----
485 echo "Done!"
# -----

```

43 src/extract.xsl

```

<?xml version="1.0" encoding="UTF-8"?>
<!--

```

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```
20 -->
<xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
<xsl:output method="text" encoding="UTF-8" />
<xsl:template match="/">
<xsl:for-each select="pages/page">
25 <xsl:value-of select="date" /><xsl:text> </xsl:text>
<xsl:value-of select="file" /><xsl:text> </xsl:text>
<xsl:for-each select="tag">
<xsl:text> </xsl:text><xsl:value-of select="." /><xsl:text> </xsl:text>
</xsl:for-each>
30 <xsl:text>
</xsl:text>
</xsl:for-each>
</xsl:template>
</xsl:stylesheet>
```

44 src/galleries.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<!--
```

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```
20 -->
<xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
<xsl:output method="text" encoding="UTF-8" />
<xsl:template match="/"><xsl:for-each select="pages/page/gallery">
<xsl:value-of select="." /><xsl:text>
25 </xsl:text>
</xsl:for-each></xsl:template>
</xsl:stylesheet>
```

45 src/index.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<!--
```

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```

20 -->
<xsl:stylesheet version="1.0"
  xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
  xmlns="http://www.w3.org/1999/xhtml">
<xsl:output method="xml" indent="no" encoding="UTF-8"
25 doctype-public="-//W3C//DTD XHTML 1.0 Strict//EN"
  doctype-system="http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd" />
<xsl:param name="SITENAME" />
<xsl:param name="HEAD" />
<xsl:param name="HEADER1" />
30 <xsl:param name="HEADER2" />
<xsl:param name="FOOTER" />
<xsl:template match="/">
<html>
<head profile="http://www.w3.org/2005/10/profile">
35 <title>index :: <xsl:value-of select="$SITENAME" /></title>
<meta name="viewport" content="width=device-width, initial-scale=1" />
<link rel="stylesheet" type="text/css" href="cmcms.css" title="cmcms" />
<link rel="alternate stylesheet" type="text/css" href="print.css" title="print" ↵
  ↵ />
<link rel="alternate" type="application/rss+xml" href="index.rss" title="{
  ↵ $SITENAME} news feed" />
40 <link rel="shortcut icon" href="favicon.ico" />
<link rel="icon" type="image/png" href="favicon.png" />
<xsl:copy-of select="document($HEAD)/*/node()" />
</head>
<body><div class="body">
45 <div class="header">
<xsl:copy-of select="document($HEADER1)" />
</div>
<div class="main">
<h2><a class="feed-icon" href="index.rss" title="{ $SITENAME} feed"></a>index</h2>
50 <xsl:for-each select="pages/page">
<xsl:variable name="me" select="file" />
<div class="pageref" id="p-{$file}">
<h3><a class="title" href="{file}.html" title="{title}" ><xsl:value-of select="
  ↵ title" /></a></h3>
<div class="date"><a href="everything.html#p-{$me}"><xsl:value-of select="date" ↵
  ↵ /></a></div>

```

```

55  <ul class="tags">
    <xsl:for-each select="tag">
      <li><a class="tag" href="{.}.html#p-{$me}" title="{.}"><xsl:value-of select="." /> ↵
    </li>
    </xsl:for-each>
  </ul>
60  <div class="summary"><xsl:copy-of select="summary/node()" /></div>
    </xsl:for-each>
    <div class="separator" />
    </div>
65  <div id="navigation" class="header">
    <xsl:copy-of select="document($HEADER2)" />
    </div>
    <xsl:copy-of select="document($FOOTER)" />
    </div></body>
70  </html>
    </xsl:template>
    </xsl:stylesheet>

```

46 src/page.xml

```

<?xml version="1.0" encoding="UTF-8"?>
<!--

```

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```

20  -->
    <xsl:stylesheet version="1.0"
      xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
      xmlns="http://www.w3.org/1999/xhtml">
    <xsl:output method="xml" indent="no" encoding="UTF-8"
25  doctype-public="-//W3C//DTD XHTML 1.0 Strict//EN"
      doctype-system="http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd" />
    <xsl:param name="SITENAME" />
    <xsl:param name="HEAD" />
    <xsl:param name="HEADER1" />
30  <xsl:param name="HEADER2" />
    <xsl:param name="FOOTER" />
    <xsl:param name="NAVIGATION" />
    <xsl:param name="PAGE" />
    <xsl:template match="/">
35  <xsl:apply-templates select="pages/page[file=$PAGE]" />

```

```

</xsl:template>
<xsl:template match="page">
<xsl:variable name="top" select="/" />
<html xml:lang="en" lang="en">
40 <head profile="http://www.w3.org/2005/10/profile">
<title><xsl:value-of select="title" /> :: <xsl:value-of select="$SITENAME" /></>
  <title>
<meta name="description" content="{summary}" />
<meta name="keywords" content="{tag[1]} {tag[2]} {tag[3]} {tag[4]} {tag[5]}" />
<meta name="generator" content="cmcms &lt; https://code.mathr.co.uk/cmcms&gt;" />
45 <meta name="author" content="{ $SITENAME }" />
<meta name="viewport" content="width=device-width, initial-scale=1" />
<link rel="stylesheet" type="text/css" href="cmcms.css" title="cmcms" />
<link rel="alternate stylesheet" type="text/css" href="print.css" title="print" >
  </>
<link rel="shortcut icon" href="favicon.ico" />
50 <link rel="icon" type="image/png" href="favicon.png" />
<xsl:copy-of select="document($HEAD)/*/*node()" />
</head>
<body><div class="body">
<div class="header">
55 <xsl:copy-of select="document($HEADER1)" />
</div>
<div class="main">
<h2 class="title"><xsl:value-of select="title" /></h2>
<div class="content"><xsl:apply-templates select="content/node()" /></div>
60 <div class="separator" />
</div>
<div id="navigation" class="header">
<xsl:apply-templates select="document($NAVIGATION)/navigation" />
<xsl:copy-of select="document($HEADER2)" />
65 </div>
<xsl:copy-of select="document($FOOTER)" />
</div></body>
</html>
</xsl:template>
70 <xsl:template match="@*|node()">
<xsl:choose>
<xsl:when test="@class='gallery'">
<xsl:copy-of select="document(concat('gallery_', node(), '.xml'))" />
</xsl:when><xsl:otherwise>
75 <xsl:copy><xsl:apply-templates select="@*|node()" /></xsl:copy>
</xsl:otherwise>
</xsl:choose>
</xsl:template>
<xsl:template match="navigation">
80 <div class="navigation"><h3>related</h3>
<ul class="navigation">
<li><ul class="by-date">
<li class="later"><xsl:choose>
<xsl:when test="by-date/later=''">&#9675;</xsl:when>
85 <xsl:when test="by-date/later!=''"><a href="{by-date/later}.html" title="later">
  < " &#8593;</a></xsl:when>
</xsl:choose></li>
<li class="date"><a href="{substring(by-date/date,1,4)}.html#p-{$PAGE}"><xsl:
  < value-of select="substring(by-date/date, 0, 17)" /></a></li>
<li class="earlier"><xsl:choose>

```

```

<xsl:when test="by-date/earlier!="><a href="{by-date/earlier}.html" title="
    ↵ earlier">&#8595;</a></xsl:when>
90 <xsl:when test="by-date/earlier=">&#9675;</xsl:when>
</xsl:choose></li>
</ul></li>
<xsl:for-each select="by-tag"><li><ul class="by-tag">
<li class="later"><xsl:choose>
95 <xsl:when test="later=">&#9675;</xsl:when>
<xsl:when test="later!="><a href="{later}.html" title="later">&#8593;</a></xsl:
    ↵ when>
</xsl:choose></li>
<li class="tag"><a href="{tag}.html#p-{$PAGE}" title="{tag}"><xsl:value-of ↵
    ↵ select="tag" /></a></li>
<li class="earlier"><xsl:choose>
100 <xsl:when test="earlier!="><a href="{earlier}.html" title="earlier">&#8595;</a>
    ↵ ></xsl:when>
<xsl:when test="earlier=">&#9675;</xsl:when>
</xsl:choose></li>
</ul></li></xsl:for-each>
</ul></div>
105 </xsl:template>
</xsl:stylesheet>

```

47 src/recent.xml

```

<?xml version="1.0" encoding="UTF-8"?>
<!--

```

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```

20 -->
<xsl:stylesheet version="1.0"
  xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
<xsl:output method="text" encoding="UTF-8" />
<xsl:template match="/">
25 <xsl:text>&lt;li>&lt;a href="</xsl:text>
<xsl:value-of select="page/file" />
<xsl:text>.html" title="</xsl:text>
<xsl:value-of select="page/title" />
<xsl:text>"&gt;</xsl:text>
30 <xsl:value-of select="page/title" />
<xsl:text>&lt;/a>&lt;/li>
</xsl:text>

```

```
</xsl:template>
</xsl:stylesheet>
```

48 src/rss20tag.xsl

```
<?xml version="1.0" encoding="UTF-8"?>
<!--
```

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```
20 -->
<xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
<xsl:output method="xml" indent="no" encoding="UTF-8" />
<xsl:param name="TITLE"/>
<xsl:param name="DESCRIPTION"/>
25 <xsl:param name="URL"/>
<xsl:param name="TAG"/>
<xsl:template match="/">
<rss version="2.0" xmlns:atom="http://www.w3.org/2005/Atom">
<channel>
30 <atom:link href="{ $URL } { $TAG }.rss" rel="self" type="application/rss+xml" />
<title><xsl:value-of select="$TITLE" /></title>
<link><xsl:value-of select="$URL" /><xsl:value-of select="$TAG" />.html</link>
<description><xsl:value-of select="$DESCRIPTION" /></description>
<xsl:for-each select="pages/page[tag=$TAG][position() &lt;= 12]">
35 <item>
<title><xsl:value-of select="title" /></title>
<description><xsl:text disable-output-escaping="yes">&lt ;![CDATA[</xsl:text><xsl:
  ↳ :apply-templates select="content/node()" /><xsl:text disable-output-
  ↳ escaping="yes">]]&gt;</xsl:text></description>
<link><xsl:value-of select="$URL" /><xsl:value-of select="file" />.html</link>
<guid><xsl:value-of select="$URL" /><xsl:value-of select="file" />.html</guid>
40 <pubDate><xsl:call-template name="date822"><xsl:with-param name="iso" select="
  ↳ date" /></xsl:call-template></pubDate>
<xsl:for-each select="tag">
<category><xsl:value-of select="." /></category>
</xsl:for-each>
</item>
45 </xsl:for-each>
</channel>
</rss>
</xsl:template>
<xsl:template name="date822"><xsl:param name="iso"/>
```

```

50 <xsl:variable name="year" ><xsl:value-of select="substring($iso,1,4)" /></xsl:variable>
    <xsl:variable name="month" ><xsl:value-of select="substring($iso,6,2)" /></xsl:variable>
    <xsl:variable name="day" ><xsl:value-of select="substring($iso,9,2)" /></xsl:variable>
    <xsl:variable name="hour" ><xsl:value-of select="substring($iso,12,2)" /></xsl:variable>
    <xsl:variable name="minute" ><xsl:value-of select="substring($iso,15,2)" /></xsl:variable>
55 <xsl:variable name="second" ><xsl:value-of select="substring($iso,18,2)" /></xsl:variable>
    <xsl:variable name="zone" ><xsl:value-of select="substring($iso,21,4)" /></xsl:variable>
    <xsl:variable name="monstr" ><xsl:value-of select="substring('
        JanFebMarAprMayJunJulAugSepOctNovDec', $month*3-2,3)" /></xsl:variable>
    <xsl:variable name="zonstr" >GMT</xsl:variable>
    <xsl:value-of select="format-number($day, '00 ')" /><xsl:text> </xsl:text>
60 <xsl:value-of select="$monstr" /><xsl:text> </xsl:text>
    <xsl:value-of select="$year" /><xsl:text> </xsl:text>
    <xsl:value-of select="format-number($hour, '00 ')" /><xsl:text>:</xsl:text>
    <xsl:value-of select="format-number($minute, '00 ')" /><xsl:text>:</xsl:text>
    <xsl:value-of select="format-number($second, '00 ')" /><xsl:text> </xsl:text>
65 <xsl:value-of select="$zonstr" />
</xsl:template>
<xsl:template match="@*|node()">
<xsl:choose>
<xsl:when test="@class='gallery'">
70 <xsl:copy-of select="document(concat('gallery_', node(), '.xml'))" />
</xsl:when><xsl:otherwise>
<xsl:copy><xsl:apply-templates select="@*|node()" /></xsl:copy>
</xsl:otherwise>
</xsl:choose>
75 </xsl:template>
</xsl:stylesheet>

```

49 src/rss20.xsl

```

<?xml version="1.0" encoding="UTF-8"?>
<!--

```

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```

20  -->
    <xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
    <xsl:output method="xml" indent="no" encoding="UTF-8" />
    <xsl:param name="TITLE"/>
    <xsl:param name="DESCRIPTION"/>
25  <xsl:param name="URL"/>
    <xsl:template match="/">
    <rss version="2.0" xmlns:atom="http://www.w3.org/2005/Atom">
    <channel>
    <atom:link href="{ $URL }index.rss" rel="self" type="application/rss+xml" />
30  <title><xsl:value-of select="$TITLE" /></title>
    <link><xsl:value-of select="$URL" /></link>
    <description><xsl:value-of select="$DESCRIPTION" /></description>
    <xsl:for-each select="pages/page[ position() <= 12 ]">
    <item>
35  <title><xsl:value-of select="title" /></title>
    <description><xsl:text disable-output-escaping="yes">&lt;![CDATA[</xsl:text><xsl:
      ↵ :apply-templates select="content/node()" /><xsl:text disable-output-
      ↵ escaping="yes">]]&gt;</xsl:text></description>
    <link><xsl:value-of select="$URL" /><xsl:value-of select="file" />.html</link>
    <guid><xsl:value-of select="$URL" /><xsl:value-of select="file" />.html</guid>
    <pubDate><xsl:call-template name="date822"><xsl:with-param name="iso" select="
      ↵ date" /></xsl:call-template></pubDate>
40  <xsl:for-each select="tag">
    <category><xsl:value-of select="." /></category>
    </xsl:for-each>
    </item>
    </xsl:for-each>
45  </channel>
    </rss>
    </xsl:template>
    <xsl:template name="date822"><xsl:param name="iso"/>
    <xsl:variable name="year" ><xsl:value-of select="substring($iso,1,4)" /></xsl:
      ↵ variable>
50  <xsl:variable name="month" ><xsl:value-of select="substring($iso,6,2)" /></xsl:
      ↵ variable>
    <xsl:variable name="day" ><xsl:value-of select="substring($iso,9,2)" /></xsl:
      ↵ variable>
    <xsl:variable name="hour" ><xsl:value-of select="substring($iso,12,2)" /></xsl:
      ↵ variable>
    <xsl:variable name="minute"><xsl:value-of select="substring($iso,15,2)" /></xsl:
      ↵ variable>
    <xsl:variable name="second"><xsl:value-of select="substring($iso,18,2)" /></xsl:
      ↵ variable>
55  <xsl:variable name="zone" ><xsl:value-of select="substring($iso,21,4)" /></xsl:
      ↵ variable>
    <xsl:variable name="monstr"><xsl:value-of select="substring('
      ↵ JanFebMarAprMayJunJulAugSepOctNovDec', $month*3-2,3)" /></xsl:variable>
    <xsl:variable name="zonstr">GMT</xsl:variable>
    <xsl:value-of select="format-number($day, '00')"/><xsl:text> </xsl:text>
    <xsl:value-of select="$monstr"/><xsl:text> </xsl:text>
60  <xsl:value-of select="$year"/><xsl:text> </xsl:text>
    <xsl:value-of select="format-number($hour, '00')"/><xsl:text>:</xsl:text>
    <xsl:value-of select="format-number($minute, '00')"/><xsl:text>:</xsl:text>
    <xsl:value-of select="format-number($second, '00')"/><xsl:text> </xsl:text>
    <xsl:value-of select="$zonstr" />
65  </xsl:template>

```

```

<xsl:template match="@*|node()">
  <xsl:choose>
    <xsl:when test="@class='gallery'">
      <xsl:copy-of select="document(concat('gallery_', node(), '.xml'))" />
70    </xsl:when><xsl:otherwise>
      <xsl:copy><xsl:apply-templates select="@*|node()"/></xsl:copy>
      </xsl:otherwise>
    </xsl:choose>
  </xsl:template>
75 </xsl:stylesheet>

```

50 src/tags.xml

```

<?xml version="1.0" encoding="UTF-8"?>
<!--

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20 -->
<xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
  <xsl:output method="text" encoding="UTF-8" />
  <xsl:template match="/"><xsl:for-each select="pages/page/tag">
    <xsl:value-of select="." /><xsl:text>
25 </xsl:text>
    </xsl:for-each></xsl:template>
  </xsl:stylesheet>

```

51 src/tag.xml

```

<?xml version="1.0" encoding="UTF-8"?>
<!--

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```

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```

20 -->
<xsl:stylesheet version="1.0"
  xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
  xmlns="http://www.w3.org/1999/xhtml">
<xsl:output method="xml" indent="no" encoding="UTF-8"
25 doctype-public="-//W3C//DTD XHTML 1.0 Strict//EN"
  doctype-system="http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd" />
<xsl:param name="SITENAME" />
<xsl:param name="HEAD" />
<xsl:param name="HEADER1" />
30 <xsl:param name="HEADER2" />
<xsl:param name="FOOTER" />
<xsl:param name="tag" />
<xsl:template match="/">
<html xml:lang="en" lang="en">
35 <head profile="http://www.w3.org/2005/10/profile">
<title><xsl:value-of select="$tag" /> :: <xsl:value-of select="$SITENAME" /></>
  <title>
<meta name="viewport" content="width=device-width, initial-scale=1" />
<link rel="stylesheet" type="text/css" href="cmcms.css" title="cmcms" />
<link rel="alternate stylesheet" type="text/css" href="print.css" title="print" >
  </>
40 <link rel="alternate" type="application/rss+xml" href="{ $tag }.rss" title="{
  <xsl:value-of select="$SITENAME" /> } { $tag } feed" />
<link rel="shortcut icon" href="favicon.ico" />
<link rel="icon" type="image/png" href="favicon.png" />
<xsl:copy-of select="document($HEAD)/*>node()" />
</head>
45 <body><div class="body">
<div class="header">
<xsl:copy-of select="document($HEADER1)" />
</div>
<div class="main">
50 <h2 class="tagname"><a class="feed-icon" href="{ $tag }.rss" title="{ $SITENAME } {
  <xsl:value-of select="$tag" /> } feed"></a><xsl:value-of select=
  <xsl:value-of select="$tag" /> "></h2>
<xsl:apply-templates select="pages/page[tag=$tag]" />
<div class="separator" />
</div>
<div id="navigation" class="header">
55 <xsl:copy-of select="document($HEADER2)" />
</div>
<xsl:copy-of select="document($FOOTER)" />
</div></body>
</html>
60 </xsl:template>
<xsl:template match="page">
<xsl:variable name="me" select="file" />
<div class="pageref" id="p_{file}">
<h3><a class="title" href="{file}.html" title="{title}"><xsl:value-of select=
  <xsl:value-of select="title" /></a></h3>

```

```

65 <div class="date"><a href="./#p-{$me}"><xsl:value-of select="date" /></a></div>
    <ul class="tags">
    <xsl:for-each select="tag">
    <li><a class="tag" href="{.}.html#p-{$me}" title="{.}"><xsl:value-of select="." /> ↵
        ↵ /></a></li>
    </xsl:for-each>
70 </ul>
    <div class="summary"><xsl:copy-of select="summary/node()" /></div>
    </div>
    </xsl:template>
    </xsl:stylesheet>

```

52 src/year.xsl

```

<?xml version="1.0" encoding="UTF-8"?>
<!--

```

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```

20 -->
    <xsl:stylesheet version="1.0"
        xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
        xmlns="http://www.w3.org/1999/xhtml">
    <xsl:output method="xml" indent="no" encoding="UTF-8"
25 doctype-public="-//W3C//DTD XHTML 1.0 Strict//EN"
        doctype-system="http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd" />
    <xsl:param name="SITENAME" />
    <xsl:param name="HEAD" />
    <xsl:param name="HEADER1" />
    <xsl:param name="HEADER2" />
30 <xsl:param name="FOOTER" />
    <xsl:param name="year" />
    <xsl:template match="/">
    <html xml:lang="en" lang="en">
35 <head profile="http://www.w3.org/2005/10/profile">
    <title><xsl:value-of select="$year" /> :: <xsl:value-of select="$SITENAME" /></> ↵
        ↵ title>
    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <link rel="stylesheet" type="text/css" href="cmcms.css" title="cmcms" />
    <link rel="alternate stylesheet" type="text/css" href="print.css" title="print" ↵
        ↵ />
40 <link rel="alternate" type="application/rss+xml" href="index.rss" title="{
    ↵ $SITENAME} news feed" />

```

```

<link rel="shortcut icon" href="favicon.ico" />
<link rel="icon" type="image/png" href="favicon.png" />
<xsl:copy-of select="document($HEAD)/*/*node()" />
</head>
45 <body><div class="body">
  <div class="header">
    <xsl:copy-of select="document($HEADER1)" />
  </div>
  <div class="main">
50 <h2><a class="feed-icon" href="index.rss" title="{SITENAME} feed"></a><xsl:value-of select="$year" /></h2>
    <xsl:apply-templates select="pages/page[substring(date,1,4)=$year]" />
    <div class="separator" />
  </div>
  <div id="navigation" class="header">
55 <xsl:copy-of select="document($HEADER2)" />
  </div>
  <xsl:copy-of select="document($FOOTER)" />
</div></body>
</html>
60 </xsl:template>
  <xsl:template match="page">
    <xsl:variable name="me" select="file" />
    <div class="pageref" id="p-{file}">
      <h3><a class="title" href="{file}.html" title="{title}"><xsl:value-of select="
        ↳ title" /></a></h3>
65 <div class="date"><a href="{ $year }.html#p-{ $me}"><xsl:value-of select="date"
        ↳ /></a></div>
      <ul class="tags">
        <xsl:for-each select="tag">
          <li><a class="tag" href="{.}.html#p-{ $me}" title="{.}"><xsl:value-of select="."
            ↳ /></a></li>
        </xsl:for-each>
      </ul>
70 <div class="summary"><xsl:copy-of select="summary/node()" /></div>
    </div>
  </xsl:template>
</xsl:stylesheet>

```

53 TODO

TODO

```

5      parse config file instead of executing it
      script to initialize a new site layout
      fix warning from cp when there are no galleries at all
      fix warning from cp when using in-place gallery symlink
      fix RSS validator warnings about relative paths
      wrap the longest lines at a sensible column
10     stronger (ie, some) input validation
      list already-used tags when creating a new page
      automatically get list of years with posts

```

15 Done

20 paginate index/tag pages (by year should be enough for now)
add anchors and links to anchors for contextful navigation
make 'zipper' navigation cleaner by having space when no up/down links
'zipper' navigation: next/prev by date within each tag/everything
script to add a new page from template
integrate a gallery system
separate config file
25 refactor hardcoded stuff
"full article" rss feeds (latest few articles only)
base url in rss feeds (self tag or something?)

30 Won't

make 'zipper' navigation show human-readable page titles (tricky?)
latest svn commits / audio uploads / video uploads in sidebar