## The frontpage package

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v0.4 from 2025/10/14

### 1 Introduction

The package creates a front page.

### 2 Install

latex frontpage.ins
bash install.sh

### 3 Usage

```
\title{The frontpage package}
\subtitle{an MH-package}
\abstracttitle{The frontpage package}
\author[marc@heijn-buis.demon.nl]{Marc Heijn}
\date{October 12, 2023}
\what{package}
\programme{Homebrew packages}
\coverimage{%
\vspace*{-4cm}
\centering
\includegraphics[width=\textwidth]{zwaluw_r}
\vspace*{-5cm}
}
\makefrontpage
\maketitle
```

When using LaTeXMLc use latexmlc  $\mbox{--css=frontpage.css}$  -splitat=chapter.

# Homebrew packages

## package

## The frontpage package

by

M. Heijn, Marc. Heijn

October 12, 2023

Supervisor: person one

Second examiner: person two



Home made street and city Country

## The frontpage package

M. Heijn, Marc. Heijn

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### 4 Implementation

#### 4.1 frontpage.sty

```
1 \newif\if@dutchlanguage \@dutchlanguagefalse
                  2 \newif\if@generic \@generictrue
                  3 \RequirePackage{graphicx}
                  4 \RequirePackage{xcolor}
                  5 \definecolor{rulecolor}{rgb}{0.08, 0.38, 0.74}
                  6 \RequirePackage{authblk}
   \supervisortext
                  7 \def\supervisortext{Supervisor}
       \titletext
                  8 \def\titletext{Title}
\authortextsingular
                  9 \def\authortextsingular{Author}
 \authortextplural
                  \datetext
                  11 \def\datetext{Date}
          \bytext
                  12 \def\bytext{by}
       \tracktext
                  13 \def\tracktext{Track}
 \secondgradertext
                  14 \def\secondgradertext{Second examiner}
        \logosize
                  15 \def\logosize{5cm}
```

```
\departmenttext
                     16 \def\departmenttext{\relax}
   \universitytext
                     17 \displaystyle \frac{17 \operatorname{def}\operatorname{universitytext}\operatorname{cax}}{}
      \logopicture
                     18 \def\logopicture{\relax}
      \facultytext
                     19 \def\facultytext{\relax}
\universityaddress
                     20 \def\universityaddress{\relax}
          \website
                     21 \def\website{\relax}
                     22 \DeclareOption{dutch}{
                            \@dutchlanguagetrue
                     Dutch values for translatable constant text
                            \def\supervisortext{Begeleider}
                     24
                     25
                            \def\titletext{Titel}
                            \def\authortextsingular{Auteur}
                     26
                            \def\authortextplural{Auteurs}
                     27
                            \def\datetext{Einddatum}
                     28
                            \def\bytext{door}
                     29
                     30
                            \def\tracktext{Richting}
                     31
                            \def\secondgradertext{Tweede beoordelaar}
                     32 }
                     33 \DeclareOption{vu}{% VU specific values
          \logosize
                     34 \def\logosize{1.5cm}
                     35 \@genericfalse
          \website
                     36 \def\website{http://www.math.vu.nl/}
\universityaddress
                     37 \def\universityaddress{de Boelelaan 1111, 1081 HV Amsterdam}
                     38 \if@dutchlanguage
                          \def\logopicture{vu/VU-logo2.png}
                          \def\departmenttext{Afdeling Wiskunde}
                     40
                     41
                          \def\facultytext{Faculteit der Exacte Wetenschappen}
                          \def\universitytext{Vrije Universiteit Amsterdam}
```

```
43 \ensuremath{\setminus} else
                        \def\logopicture{vu/VU-logo2.png}
                        \def\departmenttext{Department of Mathematics}
                        \def\facultytext{Faculty of Sciences}
                       \def\universitytext{Vrije Universiteit Amsterdam}
                    48 \fi
                    49 }
                    50 \DeclareOption{uva}{% UvA specific values
                    51 \@genericfalse
         \logosize
                    52 \def \logosize{1.5cm}
          \website
                    53 \def\website{http://math.vu.nl/}
\universityaddress
                    54 \ensuremath{ \mbox{ def}\mbox{ universityaddress{de Boelelaan 1111, 1081 HV Amsterdam}} 
                    55 \if@dutchlanguage
                    56 \def\logopicture{uvalogo-nl}
                        \def\departmenttext{Korteweg-de Vries Instituut voor Wiskunde}
                    57
                        \def\facultytext{Faculteit der Natuurwetenschappen, Wiskunde en Informatica}
                       \def\universitytext{Universiteit van Amsterdam}
                    60 \else
                        \def\logopicture{uvalogo-en}
                    61
                        \def\departmenttext{Korteweg-de Vries Institute for Mathematics}
                    62
                        \def\facultytext{Faculty of Science}
                    63
                        \def\universitytext{University of Amsterdam}
                    64
                    65 \fi
                    66 }
                    67 \ProcessOptions\relax
            \title Variable text commands
                    68 \f \title#1{\c} \title#1}
             \date
                    \subtitle
                    70 \def\subtitle#1{\gdef\@subtitle{#1}}
        \institute
                    71 \def\institute#1{\gdef\@institute{#1}}
\instituteaddress
                    72 \def\instituteaddress#1{\gdef\@instituteaddress{#1}}
```

```
\coverimage
                73 \newcommand{\coverimage}[1]{\gdef\@coverimage{#1}}
\abstracttitle
                74 \ensuremath{$\def\@abstracttitle{#1}}
         \what
                75 \def\what#1{\gdef\@what{#1}}
        \track
                76 \det track#1{\left\def \left(track{#1}\right)}
   \programme
                77 \def\programme#1{\gdef\@programme{#1}}
   \supervisor
                78 \def\supervisor#1{\gdef\@supervisor{#1}}
                79 \supervisor{\relax}
 \secondgrader
                80 \def\secondgrader#1{\gdef\@secondgrader{#1}}
                81 \secondgrader{\relax}
                82 \coverimage{\relax}
                83 \what{\relax}
                84 \track{\relax}
                85 \subtitle{\relax}
                86 \programme{\relax}
                87 \supervisor{\relax}
                88 \secondgrader{\relax}
                89 \RequirePackage{authblk}
   \MH@authors
                90 \def\MH@authors{}
       \author
                91 \renewcommand{\author}[2][]{\fp@author{#1}{#2}}%
   \fp@author
                92 \left| \frac{92}{fp@author#1#2} \right|
                        \ifnewaffil\addtocounter{affil}{1}%
                93
                94
                         \edef\AB@thenote{\arabic{affil}}\fi
                        95
                96
                          \setcounter{Maxaffil}{0}\fi
                97
                        \ifnum\value{authors}>1\relax
                        \verb|\color=| color=| Authors| {\Authsep} | fi
                98
                99
                        \addtocounter{authors}{1}%
               100
                        \begingroup
```

```
\def\thanks{\protect\thanks}\def\footnote{\protect\footnote}%
                                    102
                                                                  \verb|\delta = \exp and after{\AB@authors}|| % \AB@authors = \exp and after{\AB@authors = \exp and after{\AB@author
                                    103
                                                                  {\def\\{\protect\\[\@affilsep]\protect\Affilfont
                                    104
                                                                              \protect\AB@resetsep}%
                                    105
                                    106
                                                                              \xdef\AB@author{\AB@blk@and#2}%
                                    107
                                                              \ifnewaffil\gdef\AB@las{}\gdef\AB@lasx{\protect\Authand}\gdef\AB@as{}%
                                                                      108
                                                             \else
                                    109
                                                                     110
                                                                     \global\let\AB@las\AB@lasx\gdef\AB@lasx{\protect\Authands}%
                                    111
                                    112
                                                                     \gdef\AB@as{\Authsep}%
                                                             \fi
                                    113
                                                              \gdef\AB@au@str{#2}}%
                                    114
                                                                  \@temptokena=\expandafter{\AB@authlist}%
                                    115
                                                                  \let\\=\authorcr
                                    116
                                                                  \xdef\AB@authlist{\the\@temptokena}
                                    117
                                                                       \protect\@nameuse{@sep\number\c@authors}%
                                    118
                                    119
                                                                      \protect\Authfont#2\AB@authnote{\AB@note}}%
                                    120
                                                        \ifnum\value{authors}>1\relax
                                                               \xdef\MH@authors{\MH@authors, #2}
                                    121
                                    122
                                                      \else
                                                               \gdef\MH@authors{#2}
                                    123
                                                      \fi
                                    124
                                    125
                                                          \endgroup
                                    126
                                                          \ifnum\value{authors}>2\relax
                                                          \@namedef{@sep\number\c@authors}{\Authands}\fi
                                    127
                                    128
                                                          \newaffilfalse
                                    129 }
\makefrontpage
                                    130 \newcommand{\makefrontpage}{
                                    132 \@ifundefined{hypersetup}{\relax}{%
                                    133 \hypersetup{
                                    134 pdftitle={\@title},
                                    135 pdfsubject={\@programme\ \@track\ \@what},
                                    136 pdfauthor={\MH@authors}
                                    137 }}%
                                    138 %% %\pdfsetup
                                    139 \thispagestyle{empty}
                                    140 \vspace*{1pt}
                                    141 {\centering
                                    142 \if\@programme\relax
                                    143 \else {\Large\@programme\par}
                                    145 \bigskip\fi
                                    146 {\Large \textit{\@what}\par}\bigskip\medskip
```

\let\protect\@unexpandable@protect \let\and\AB@pand

101

```
147 {\color{rulecolor}\hrule\@height2pt}\bigskip
                                                           {\LARGE \textbf{\normalfont\bfseries \@title}\par}
                                              149 \bigskip
                                              150 {\color{rulecolor}\hrule\@height2pt}\bigskip\medskip
                                              151 {\large \bytext\par}\medskip
                                              152 %%%%%%%%%%
                                              153 \ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\lower.0pt\ensuremath{\low
                                              154 %% {\LARGE \MH@authors\\}\bigskip
                                              155 {\large \@date\par}\bigskip\bigskip\bigskip
                                              156 \setbox0=\hbox{\gsupervisor}\ifdim\wd0=0pt\relax\else{\large}\supervisortext: \gsupervisor\par}
                                              157 \ \end{orange} 
                                               158 \vspace{\stretch{1}}
                                              159 \begin{center}\@coverimage\end{center}
                                              160 \vspace{\stretch{1}}
                                              161 }\noindent
                                              162 \@institute\\
                                              163 \@instituteaddress
                                              164 \cleardoublepage
                                              165 }
\@maketitle
                                              166 \def\@maketitle{%
                                               167
                                                                   \begin{center}%
                                               168
                                                                   \let \footnote \thanks
                                                                           {\LARGE \@title \par}%
                                               169
                                                                           \vskip 1.5em%
                                              170
                                                                           {\large
                                              171
                                                                                  \lineskip .5em%
                                              172
                                                                                  \begin{tabular}[t]{c}%
                                              173
                                                                                          \MH@authors
                                              174
                                                                                  \end{tabular}\par}%
                                              175
                                                                           \vskip 1em%
                                              176
                                                                           {\large \@date}%
                                              177
                                                                  \end{center}%
                                              178
                                              179
                                                                  \par
                                               180
                                                                  \vskip 1.5em}
                                              181 \if@titlepage
                                              182 \let\@maketitle=\maketitle%
                                                                 \renewcommand\maketitle{\begin{titlepage}%
                                              183
                                              184 \ensuremath{\texttt{Oifundefined\{hypersetup\}\{\relax\}\{\%,\ }}
                                              185 \hypersetup{
                                              186 pdftitle={\@title},
                                               187 pdfsubject={\@programme\ \@track\ \@what},
                                              188 pdfauthor={\MH@authors}
                                              189 }}%
                                              190 %% \pdfsetup
                                              191 \@maketitle
                                              192 \thispagestyle{empty}
                                              193 \vspace*{1pt}
                                              194 {\centering
```

```
195 \if\@programme\relax
196 \else {\Large\@programme\par}
197 \if\Otrack\relax\else\medskip{\large\tracktext: \Otrack\par}\fi
198 \bigskip\fi
199 {\Large \textit{\@what}\par}\bigskip\medskip
200 {\color{rulecolor}\hrule\@height2pt}\bigskip
201 {\LARGE \textbf{\normalfont\bfseries \@title}\par}
202 \bigskip
203 {\color{rulecolor}\hrule\@height2pt}\bigskip\medskip
204 {\large \bytext\par}\medskip
206 \stbox0=\hbox{\MH@authors}\ifdim\wd0=0pt\relax\else{\LARGE \MH@authors}\bigskip\fi
207 %% {\LARGE \MH@authors\\}\bigskip
208 {\large \@date\par}\bigskip\bigskip\bigskip
210 \setbox0=\hbox{\@secondgrader}\ifdim\wd0=0pt\relax\else{\large\secondgradertext: \@secondgrader
211 \vspace{\stretch{1}}
212 \@coverimage
213 \vspace{\stretch{1}}
214 \@institute
215 \@instituteaddress
216 }
    \end{titlepage}%
217
218 }
219 \fi
Default values for variable text
220 \institute{
221 \if\logopicture\relax\else%
222 {\raggedleft\includegraphics[height=\logosize] {\logopicture}\vspace{-\logosize}\\}\fi%
224 \if\departmenttext\relax\else\departmenttext\\\smallskip\fi%
225 \if\facultytext\relax\else\if@generic\else \facultytext\\ \fi\fi%
226 }}
227 \instituteaddress{%
228 \if\departmenttext\relax\else\departmenttext\\\fi%
229 \if\universitytext\relax\else\universitytext\\\fi%
230 %% \universityaddress\\
231 \if\universityaddress\relax\else\if@generic\else \universityaddress\\ \fi\fi%
232 \if\website\relax\else\url{\website}{}\fi%
233 }
```

#### frontpage.sty.ltxml

```
# -*- mode: Perltidy -*-
# LaTeXML bindings for frontpage.sty
package LaTeXML::Package::Pool;
use LaTeXML::Package; # to load these definitions
use LaTeXML::Util::Pathname;
```

```
use strict;
  use warnings;
10
  LoadPool('TeX');
  RequirePackage('graphics');
  RequirePackage('svg');
13
14
  # forcing a new html page using latexmlc --splitat=chapter
15
  DefConstructor('\newWebPage',"<ltx:chapter\uxml:id='PB'>");
16
  *****************
18
  # Adjusting center with first paragraph no indent
19
  # Taken from TeX.pool.ltxml
20
  21
  sub setAlignAndClass {
22
    my ($document, $node, $align, $class) = @_;
23
    my $model = $document->getModel;
24
    my $qname = $model->getNodeQName($node);
25
    if
          ($qname eq 'ltx:tag') { }
26
                                          # HACK
     elsse {
27
      if ($align && $document->canHaveAttribute($qname, 'align')
28
        $node->setAttribute(align => $align); }
      if ($class && $document->canHaveAttribute($qname, 'class')
30
        $document -> addClass($node, $class); }
31
32
    return; }
33
34
   sub AligningEnvironment {
    my ($align, $class, $document, %props) = @_;
36
    map { setAlignAndClass($document, $_, $align, $class) }
37
      insertBlock($document, $props{body});
                                             # Add class
38
          attribute to new nodes.
    return; }
39
40
   DefEnvironment('{mhtitle}', sub {
41
      $_[0] -> maybeCloseElement('ltx:p');
42
          # this starts a new vertical block
       AligningEnvironment('', 'ltx_mhtitle_ltx_noindent', @_);
43
               # aligning will take care of \\\\ "rows"
          },
        beforeDigest => sub {
44
        Let('\par', '\inner@par');
45
        Let('\\\', '\inner@par');
47
  48
49
  DefMacro('\abstracttitle{}','\gdef\@abstracttitle{#1}');
```

```
DefMacro('\subtitle{}','\gdef\@subtitle{#1}');
   DefMacro('\coverimage{}','\gdef\@coverimage{#1}');
   DefMacro('\secondgrader{}','\gdef\@secondgrader{#1}');
54 DefMacro('\what{}','\gdef\@what{#1}');
55 DefMacro('\track{}','\gdef\@track{#1}');
  DefMacro('\supervisor{}','\gdef\@supervisor{#1}');
  DefMacro('\programme{}','\gdef\@programme{#1}');
   DefMacro('\institute{}','\gdef\@institute{#1}');
   DefMacro('\instituteaddress{}','\gdef\@instituteaddress{#1}');
   Let('\@abstracttitle','\relax');
61
   Let('\@track','\relax');
   Let('\@programme','\relax');
   Let('\@what','\relax');
64
   #Let('\@','\relax');
65
66
  # DefMacro\titletext{Title}
67
  # DefMacro\authortextsingular{Author}
69 # DefMacro\authortextplural{Authors}
70 DefMacro('\datetext','Date');
71 DefMacro('\bytext','by');
72 DefMacro('\tracktext','Track');
73 DefMacro('\supervisortext','Supervisor');
74 DefMacro('\secondgradertext','Second_examiner');
   DefMacro('\whattext','What');
   DefMacro('\programmetext','Programme');
   DefMacro('\institutetext','');
   DefMacro('\instituteaddresstext','');
78
79
   DefConstructor('\mhtitle@line',
     ''<ltx:puclass="ltx_titleline">u',
81
                     => 'text',
82
       bounded => 0,
83
   );
84
85
   DefConstructor('\mhtitle@item{}',
86
     "<"ltx:p_{\sqcup}class="ltx_{\#}1">".
87
      ''<ltx:text_class="ltx_texttype">#tekst</ltx:text>'.
88
     ''<ltx:text_class="ltx_subtext">#value<ltx:text></ltx:p>',
89
     properties => sub{
90
       my $item = ToString($_[1]);
91
       #print("\n value = " . $item."\n");
92
       my $tekst = ToString(Digest(T_CS('\\'.$item.'text')));
93
       my $value = ToString(Digest(T_CS('\\@'.$item)));
94
       if ( $tekst ne "") {$tekst = $tekst .":";}
       #print($tekst ." = " . $value ."\n");
96
        (tekst => $tekst, value => $value);
97
     }
98
     );
99
100
```

```
DefMacro('\@maketitle','\relax');
101
102
   DefMacro('\maketitle',#'\relax');#\my@frontmatterhere');#sub{
103
       MyFrontMatter();});
    '\begin{mhtitle}'.
104
    '\if\@title\relax\relax\else\mhtitle@title{\@title\fi}'.
   '\mhtitle@authors{}'.
106
   '\mhtitle@date'.
107
   '\end{mhtitle}'
108
   );
109
110
   DefMacro('\makefrontpage',
    '\newWebPage'
112
    '\begin{mhtitle}'
113
        '\if\@programme\relax\else\mhtitle@item{programme}\fi' .
114
        '\if\@track\relax\else\mhtitle@item{track}\fi'.
115
        '\if\@what\relax\else\mhtitle@item{what}\fi'.
116
    '\mhtitle@line'
117
    '\if\@title\relax\relax\else\mhtitle@title{\@title\fi}'.
    '\mhtitle@line' .
119
    '\mhtitle@authors{}' .
120
    '\mhtitle@date' .
121
        '\@coverimage' .
122
        '\if\@supervisor\relax\else\mhtitle@item{supervisor}\fi'.
123
        '\if\@secondgrader\relax\else\mhtitle@item{secondgrader}\
            fi'.
        '\if\@institute\relax\else\mhtitle@item{institute}\fi'.
125
        '\if\@instituteaddress\relax\else\mhtitle@item{
126
            instituteaddress}\fi'.
    '\end{mhtitle}' .
127
    '\newWebPage'
128
   );
129
130
   Let('\@title','\relax');
131
   DefConstructor('\mhtitle@title{}',
132
      ""<ltx:title class='ltx_title_document ltx_mhtitle'>#1".
133
   # "</ltx:title>",
134
   "<ltx:p_{\perp}class='ltx_title'>#1".
    "</ltx:p>",
136
        mode
                      => 'text',
137
        bounded => 0,
138
   );
139
140
   Let('\@date','\today');
141
   DefConstructor('\mhtitle@date',
        "<ltx:puclass='ltx_date'>#datum</ltx:p>",
144
                      => 'text',
145
        bounded => 1,
        properties => sub{(datum => ToString(Digest(T_CS('\@date'))
146
           )));
```

```
});
147
148
    sub index_of {
149
        my ($value, @array) = @_;
150
        for my $i (0..$#array) {return $i if $array[$i] eq $value
151
            ;}
        return -1;
152
   }
153
   sub last_element {
154
        my ($value, @array) = @_;
155
        my $index = index_of( @_ ) + 1;
156
        if ($index eq $#array) {return 1;}
157
        return 0;
158
   }
159
160
   my @mh_affil;
161
   my @mh_authors;
162
   DefMacro('\author[]{}',sub {
   my ($gullet, $affil, $name) = @_;
   push(@mh_affil, ToString($affil));
   push(@mh_authors, ToString($name));
166
   return;
167
   });
168
169
    DefMacro('\mhtitle@authors', sub{
        my  $i = 0;
171
        (map {$i++; (T_CS('\mhtitle@author'), T_BEGIN, Tokenize($_),
172
            T_END, T_BEGIN, Token($i), T_END);} @mh_authors);
173
   DefConstructor('\mhtitle@author{}{}',
174
        ""<ltx:creator role='author' class='ltx_mhtitle' before='#</pre>
175
       prefix'>"
       . "<ltx:personname>#1</ltx:personname>"
176
        . "</ltx:creator>",
177
      "<ltx:text_class='ltx_prefix'>#prefix</ltx:text>" .
178
      "<ltx:text_class='ltx_author'>" .
179
      "#1" .
180
      "</ltx:text>",
                  => 'text',
    mode
182
   bounded => 1,
183
      properties => sub{
184
           my $author = ToString($_[1]);
185
           my $number = ToString($_[2]);
186
           #print("\nProperties mhtitleauthor: " . $number . " " .
187
               $author. " Total=" . $#mh_authors);
           my $prefix = "";
188
189
           if( $number <= 1 ){}</pre>
           elsif ($number == ($#mh_authors + 1) ){$prefix = "_and_
190
               ":}
           else { $prefix = ",";}
191
```

```
(prefix => $prefix);
192
          },
193
   );
194
195
196
   #article
   #AddToMacro(T_CS('\maketitle'), T_CS('\ltx@authors@oneline'));
198
   #LaTeX.pool
199
   # See frontmatter support in TeX.ltxml
200
   # Let('\@title', '\@empty');
201
   # DefMacro('\title[]{}', '\if.#1.\else\def\shorttitle{#1}\
       @add@frontmatter{ltx:toctitle}{#1}\fi'
         . '\def\@title{#2}\@add@frontmatter{ltx:title}{#2}',
203
       locked => 1);
204
   AssignValue(frontmatter_deferred => 1, 'global');
205
   AssignValue(frontmatter_done => 1, 'global'); # OK, we're
       placing FrontMatter here, now.
   1;
208
   4.3
         frontpage.css
 .ltx_mhtitle .ltx_title,
   .ltx_mhtitle .ltx_date,
   .ltx_mhtitle .ltx_author,
   .ltx_mhtitle .ltx_prefix,
   .ltx_mhtitle .ltx_role_author{
   text-align: center;
   margin:0.5em 0 0.5em 0;
     font-weight: normal;
 9
   }
   .ltx_mhtitle * {
   text-align: center;
     font-weight: normal;
12
13 }
   .ltx_mhtitle .ltx_title
                               { font-size: 200%; }
14
                               { font-size: 120%; }
   .ltx_mhtitle .ltx_author
15
   .ltx_mhtitle .ltx_prefix
                               { font-size: 120%; }
   .ltx_mhtitle .ltx_date
                               { font-size: 120%; }
17
    .ltx_mhtitle .ltx_subtitle { font-size: 120%; }
18
19
    .ltx_titleline {height: 2px; width: 80%; margin:auto;
20
       background:#1a53bf}
21
    .ltx_texttype{visibility: hidden; width: Opx; display: inline-
       block;}
   .ltx_subtext {font-size:100%; }
   .ltx_programme .ltx_texttype { }
   .ltx_programme .ltx_subtext { }
```

```
26  .ltx_what .ltx_texttype { }
27  .ltx_what .ltx_subtext {}
28  .ltx_secondgrader,
29  .ltx_supervisor {text-align:left;}
30  .ltx_secondgrader .ltx_texttype { visibility:visible ;width: auto; }
31  .ltx_secondgrader .ltx_subtext {font-weight:bold;}
32  .ltx_supervisor .ltx_texttype {visibility:visible ;width:auto; }
33  .ltx_supervisor .ltx_subtext {font-weight:bold;}
34  .ltx_institute,
35  .ltx_instituteaddress {text-align:right;}
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