

# French Module for datetime2 Package

Nicola L. C. Talbot (inactive)  
Paul A. Patience\*

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## Abstract

This is the French language module for the `datetime2` package. If you want to use the settings in this module you must install it in addition to installing `datetime2`. If you use `babel` or `polyglossia`, you will need this module to prevent them from redefining `\today`. The `datetime2 useregional` setting must be set to `text` or `numeric` for the language styles to be set. Alternatively, you can set the style in the document using `\DTMsetstyle`, but this may be changed by `\date<language>` depending on the value of the `useregional` setting.

## 1 The Code

### 1.1 UTF-8

This file contains the settings that use UTF-8 characters. This file is loaded if XeLaTeX or LuaLaTeX are used. Please make sure your text editor is set to UTF-8 if you want to view this code. Identify module

```
1 \ProvidesDateTimeModule{french-utf8}[2020/09/21 v1.03]
```

```
\DTMfrenchordinal
```

```
2 \ifdef\ier
3 {%
4   \newcommand*\DTMfrenchordinal}[1]{%
5     \number#1
6     \ifnum#1=1\DTMtexorpdfstring{\protect\ier}{er}\fi
7   }
8 }%
9 {%
10  \newcommand*\DTMfrenchordinal}[1]{%
11    \number#1
12    \ifnum#1=1\DTMtexorpdfstring{\protect\textsuperscript{er}}{er}\fi
13  }
14 }%
```

---

\*E-mail: pap@papatience.com

```

\DTMfrenchmonthname French month names.
15 \newcommand*{\DTMfrenchmonthname}[1]{%
16 \ifcase#1
17 \or
18 janvier%
19 \or
20 février%
21 \or
22 mars%
23 \or
24 avril%
25 \or
26 mai%
27 \or
28 juin%
29 \or
30 juillet%
31 \or
32 août%
33 \or
34 septembre%
35 \or
36 octobre%
37 \or
38 novembre%
39 \or
40 décembre%
41 \fi
42 }

```

```

\DTMfrenchMonthname As above but start with a capital.
43 \newcommand*{\DTMfrenchMonthname}[1]{%
44 \ifcase#1
45 \or
46 Janvier%
47 \or
48 Février%
49 \or
50 Mars%
51 \or
52 Avril%
53 \or
54 Mai%
55 \or
56 Juin%
57 \or
58 Juillet%
59 \or
60 Août%
61 \or

```

```

62  Septembre%
63  \or
64  Octobre%
65  \or
66  Novembre%
67  \or
68  Décembre%
69  \fi
70 }

```

`\DTMfrenchshortmonthname` Abbreviated French month names.

```

71 \newcommand*{\DTMfrenchshortmonthname}[1]{%
72  \ifcase#1
73  \or
74  janv.%
75  \or
76  févr.%
77  \or
78  mars%
79  \or
80  avr.%
81  \or
82  mai%
83  \or
84  juin%
85  \or
86  juill.%
87  \or
88  août%
89  \or
90  sept.%
91  \or
92  oct.%
93  \or
94  nov.%
95  \or
96  déc.%
97  \fi
98 }

```

`\DTMfrenchshortMonthname` As above but start with a capital.

```

99 \newcommand*{\DTMfrenchshortMonthname}[1]{%
100  \ifcase#1
101  \or
102  Janv.%
103  \or
104  Févr.%
105  \or
106  Mars%
107  \or

```

```

108 Avr.%
109 \or
110 Mai%
111 \or
112 Juin%
113 \or
114 Juill.%
115 \or
116 Août%
117 \or
118 Sept.%
119 \or
120 Oct.%
121 \or
122 Nov.%
123 \or
124 Déc.%
125 \fi
126 }

```

`\DTMfrenchweekdayname` French day of week names.

```

127 \newcommand*{\DTMfrenchweekdayname}[1]{%
128 \ifcase#1
129 lundi%
130 \or
131 mardi%
132 \or
133 mercredi%
134 \or
135 jeudi%
136 \or
137 vendredi%
138 \or
139 samedi%
140 \or
141 dimanche%
142 \fi
143 }

```

`\DTMfrenchWeekdayname` As above but start with a capital.

```

144 \newcommand*{\DTMfrenchWeekdayname}[1]{%
145 \ifcase#1
146 Lundi%
147 \or
148 Mardi%
149 \or
150 Mercredi%
151 \or
152 Jeudi%
153 \or

```

```

154 Vendredi%
155 \or
156 Samedi%
157 \or
158 Dimanche%
159 \fi
160 }

```

`\DTMfrenchshortweekdayname` French abbreviated day of week names.

```

161 \newcommand*{\DTMfrenchshortweekdayname}[1]{%
162 \ifcase#1
163 lun.%
164 \or
165 mar.%
166 \or
167 mer.%
168 \or
169 jeu.%
170 \or
171 ven.%
172 \or
173 sam.%
174 \or
175 dim.%
176 \fi
177 }

```

`\DTMfrenchshortWeekdayname` As above but start with a capital.

```

178 \newcommand*{\DTMfrenchshortWeekdayname}[1]{%
179 \ifcase#1
180 Lun.%
181 \or
182 Mar.%
183 \or
184 Mer.%
185 \or
186 Jeu.%
187 \or
188 Ven.%
189 \or
190 Sam.%
191 \or
192 Dim.%
193 \fi
194 }

```

`\DTMfrenchmidnight`

```

195 \newcommand*\DTMfrenchmidnight{minuit}%

```

```

\DTMfrenchnoon
196 \newcommand*\DTMfrenchnoon{midi}%

\DTMfrenchtimesymsep
197 \newcommand*\DTMfrenchtimesymsep{\,}%

\DTMfrenchhoursym
198 \newcommand*\DTMfrenchhoursym{h}%

    This style ignores seconds.
199 \DTMnewtimestyle
200 {frenchalpha}% label
201 {%
202   \renewcommand*\DTMdisplaytime[3]{%
203     \ifnum##2=0
204       \ifnum##1=12
205         \DTMfrenchnoon
206       \else
207         \ifnum##1=0
208           \DTMfrenchmidnight
209         \else
210           \ifnum##1=24
211             \DTMfrenchmidnight
212           \else
213             \number##1
214             \DTMfrenchtimesymsep\DTMfrenchhoursym
215           \fi
216         \fi
217       \fi
218     \else
219       \ifnum##1=24
220         0%
221       \else
222         \number##1
223       \fi
224       \DTMfrenchtimesymsep\DTMfrenchhoursym
225       \DTMfrenchtimesymsep\DTMtwdigits{##2}%
226     \fi
227   }%
228 }%

```

## 1.2 ASCII

This file contains the settings that use L<sup>A</sup>T<sub>E</sub>X commands for non-ASCII characters. This should be input if neither XeLaTeX nor LuaLaTeX are used. Even if the user has loaded inputenc with utf8, this file should still be used not the `datetime2-french-utf8.lfd` file as the non-ASCII characters are made active in that situation and would need protecting against expansion. Identify module

```
229 \ProvidesDateTimeModule{french-ascii}[2020/09/21 v1.03]
```

`\DTMfrenchordinal`

```
230 \ifdef\ier
231 {%
232   \newcommand*\DTMfrenchordinal}[1]{%
233     \number#1
234     \ifnum#1=1\DTMtexorpdfstring{\protect\ier}{er}\fi
235   }
236 }%
237 {%
238   \newcommand*\DTMfrenchordinal}[1]{%
239     \number#1
240     \ifnum#1=1\DTMtexorpdfstring{\protect\textsuperscript{er}}{er}\fi
241   }
242 }%
```

`\DTMfrenchmonthname` French month names.

```
243 \newcommand*\DTMfrenchmonthname}[1]{%
244   \ifcase#1
245   \or
246   janvier%
247   \or
248   f\protect\'evrier%
249   \or
250   mars%
251   \or
252   avril%
253   \or
254   mai%
255   \or
256   juin%
257   \or
258   juillet%
259   \or
260   ao\protect\^ut%
261   \or
262   septembre%
263   \or
264   octobre%
265   \or
266   novembre%
267   \or
268   d\protect\'ecembre%
269   \fi
270 }
```

`\DTMfrenchMonthname` As above but start with a capital.

```
271 \newcommand*\DTMfrenchMonthname}[1]{%
272   \ifcase#1
273   \or
```

```

274 Janvier%
275 \or
276 F\protect\'evrier%
277 \or
278 Mars%
279 \or
280 Avril%
281 \or
282 Mai%
283 \or
284 Juin%
285 \or
286 Juillet%
287 \or
288 Ao\protect\^ut%
289 \or
290 Septembre%
291 \or
292 Octobre%
293 \or
294 Novembre%
295 \or
296 D\protect\'ecembre%
297 \fi
298 }

```

`\DTMfrenchshortmonthname` Abbreviated French month names.

```

299 \newcommand*{\DTMfrenchshortmonthname}[1]{%
300 \ifcase#1
301 \or
302 janv.%
303 \or
304 f\protect\'evr.%
305 \or
306 mars%
307 \or
308 avr.%
309 \or
310 mai%
311 \or
312 juin%
313 \or
314 juill.%
315 \or
316 ao\protect\^ut%
317 \or
318 sept.%
319 \or
320 oct.%
321 \or

```

```

322 nov.%
323 \or
324 d\protect\'ec.%
325 \fi
326 }

```

\DTMfrenchshortMonthname As above but start with a capital.

```

327 \newcommand*{\DTMfrenchshortMonthname}[1]{%
328 \ifcase#1
329 \or
330 Janv.%
331 \or
332 F\protect\'evr.%
333 \or
334 Mars%
335 \or
336 Avr.%
337 \or
338 Mai%
339 \or
340 Juin%
341 \or
342 Juill.%
343 \or
344 Ao\protect\'ut%
345 \or
346 Sept.%
347 \or
348 Oct.%
349 \or
350 Nov.%
351 \or
352 D\protect\'ec.%
353 \fi
354 }

```

\DTMfrenchweekdayname French day of week names.

```

355 \newcommand*{\DTMfrenchweekdayname}[1]{%
356 \ifcase#1
357 lundi%
358 \or
359 mardi%
360 \or
361 mercredi%
362 \or
363 jeudi%
364 \or
365 vendredi%
366 \or
367 samedi%

```

```
368 \or
369 dimanche%
370 \fi
371 }
```

`\DTMfrenchWeekdayname` As above but start with a capital.

```
372 \newcommand*{\DTMfrenchWeekdayname}[1]{%
373 \ifcase#1
374 Lundi%
375 \or
376 Mardi%
377 \or
378 Mercredi%
379 \or
380 Jeudi%
381 \or
382 Vendredi%
383 \or
384 Samedi%
385 \or
386 Dimanche%
387 \fi
388 }
```

`\DTMfrenchshortweekdayname` French abbreviated day of week names.

```
389 \newcommand*{\DTMfrenchshortweekdayname}[1]{%
390 \ifcase#1
391 lun.%
392 \or
393 mar.%
394 \or
395 mer.%
396 \or
397 jeu.%
398 \or
399 ven.%
400 \or
401 sam.%
402 \or
403 dim.%
404 \fi
405 }
```

`\DTMfrenchshortWeekdayname` As above but start with a capital.

```
406 \newcommand*{\DTMfrenchshortWeekdayname}[1]{%
407 \ifcase#1
408 Lun.%
409 \or
410 Mar.%
```

```

411 \or
412 Mer.%
413 \or
414 Jeu.%
415 \or
416 Ven.%
417 \or
418 Sam.%
419 \or
420 Dim.%
421 \fi
422 }

```

\DTMfrenchmidnight

```
423 \newcommand*\DTMfrenchmidnight{minuit}%
```

\DTMfrenchnoon

```
424 \newcommand*\DTMfrenchnoon{midi}%
```

\DTMfrenchtimesymsep

```
425 \newcommand*\DTMfrenchtimesymsep{\,}%
```

\DTMfrenchhoursym

```
426 \newcommand*\DTMfrenchhoursym{h}%
```

This style ignores seconds.

```

427 \DTMnewtimestyle
428 {frenchalpha}% label
429 {%
430   \renewcommand*\DTMdisplaytime[3]{%
431     \ifnum##2=0
432       \ifnum##1=12
433         \DTMfrenchnoon
434       \else
435         \ifnum##1=0
436           \DTMfrenchmidnight
437         \else
438           \ifnum##1=24
439             \DTMfrenchmidnight
440           \else
441             \number##1
442           \DTMfrenchtimesymsep\DTMfrenchhoursym
443         \fi
444       \fi
445     \fi
446   \else
447     \ifnum##1=24
448       0%
449     \else

```

```

450         \number##1
451     \fi
452     \DTMfrenchtimesymsep\DTMfrenchhoursym
453     \DTMfrenchtimesymsep\DTMtwodigits{##2}%
454 \fi
455 }%
456 }%

```

### 1.3 Main French Module (datetime2-french.lda)

Identify Module

```
457 \ProvidesDateTimeModule{french}[2020/09/21 v1.03]
```

Need to find out if XeTeX or LuaTeX are being used.

```
458 \RequirePackage{ifxetex,ifluatex}
```

XeTeX and LuaTeX natively support UTF-8, so load `french-utf8` if either of those engines are used otherwise load `french-ascii`.

```

459 \ifxetex
460 \RequireDateTimeModule{french-utf8}
461 \else
462 \ifluatex
463 \RequireDateTimeModule{french-utf8}
464 \else
465 \RequireDateTimeModule{french-ascii}
466 \fi
467 \fi

```

Define the `french` style. The time style is the same as the `default` style provided by `datetime2`. This may need correcting.

Allow the user a way of configuring the `french` and `french-numeric` styles. This doesn't use the package wide separators such as `\dtm@datetimesep` in case other date formats are also required.

`\DTMfrenchdowdaysep` The separator between the day of week name and the day of month number for the text format.

```
468 \newcommand*{\DTMfrenchdowdaysep}{\space}
```

`\DTMfrenchdaymonthsep` The separator between the day and month for the text format.

```

469 \newcommand*{\DTMfrenchdaymonthsep}{%
470 \DTMtexorpdfstring{\protect~}{\space}%
471 }

```

`\DTMfrenchmonthyearsep` The separator between the month and year for the text format.

```
472 \newcommand*{\DTMfrenchmonthyearsep}{\space}
```

`\DTMfrenchdatetimesep` The separator between the date and time blocks in the full format (either text or numeric).

```
473 \newcommand*{\DTMfrenchdatetimesep}{,\space}
```

`\DTMfrenchtimezonesep` The separator between the time and zone blocks in the full format (either text or numeric).

```
474 \newcommand*\DTMfrenchtimezonesep{\space}
```

`\DTMfrenchdatesep` The separator for the numeric date format.

```
475 \newcommand*\DTMfrenchdatesep{/}
```

`\DTMfrenchtimesep` The separator for the numeric time format.

```
476 \newcommand*\DTMfrenchtimesep{:}
```

Provide keys that can be used in `\DTMlangsetup` to set these separators.

```
477 \DTMdefkey{french}{dowdaysep}{\renewcommand*\DTMfrenchdowdaysep}{#1}}
```

```
478 \DTMdefkey{french}{daymonthsep}{\renewcommand*\DTMfrenchdaymonthsep}{#1}}
```

```
479 \DTMdefkey{french}{monthyearsep}{\renewcommand*\DTMfrenchmonthyearsep}{#1}}
```

```
480 \DTMdefkey{french}{datetimesep}{\renewcommand*\DTMfrenchdatetimesep}{#1}}
```

```
481 \DTMdefkey{french}{timezonesep}{\renewcommand*\DTMfrenchtimezonesep}{#1}}
```

```
482 \DTMdefkey{french}{datesep}{\renewcommand*\DTMfrenchdatesep}{#1}}
```

```
483 \DTMdefkey{french}{timesep}{\renewcommand*\DTMfrenchtimesep}{#1}}
```

Define a boolean key that can switch between full and abbreviated formats for the month and day of week names in the text format.

```
484 \DTMdefboolkey{french}{abbr}[true]{} 
```

The default is the full name.

```
485 \DTMsetbool{french}{abbr}{false}
```

Define a boolean key that determines if the time zone mappings should be used.

```
486 \DTMdefboolkey{french}{mapzone}[true]{} 
```

The default is to use mappings.

```
487 \DTMsetbool{french}{mapzone}{true}
```

Define a boolean key that determines if the day of month should be displayed.

```
488 \DTMdefboolkey{french}{showdayofmonth}[true]{} 
```

The default is to show the day of month.

```
489 \DTMsetbool{french}{showdayofmonth}{true}
```

Define a boolean key that determines if the year should be displayed.

```
490 \DTMdefboolkey{french}{showyear}[true]{} 
```

The default is to show the year.

```
491 \DTMsetbool{french}{showyear}{true}
```

Define the french style.

```
492 \DTMnewstyle
```

```
493 {french}% label
```

```
494 {% date style
```

```
495 \renewcommand*\DTMdisplaydate[4]{%
```

```
496 \ifDTMshowdow
```

```
497 \ifnum##4>-1
```

```

498         \DTMifbool{french}{abbr}%
499         {\DTMfrenchshortweekdayname{##4}}%
500         {\DTMfrenchweekdayname{##4}}%
501         \DTMfrenchdowdaysep
502     \fi
503 \fi
504 \DTMifbool{french}{showdayofmonth}%
505 {%
506     \DTMfrenchordinal{##3}%
507     \DTMfrenchdaymonthsep
508 }%
509 {}%
510 \DTMifbool{french}{abbr}%
511 {\DTMfrenchshortmonthname{##2}}%
512 {\DTMfrenchmonthname{##2}}%
513 \DTMifbool{french}{showyear}%
514 {%
515     \DTMfrenchmonthyearsep
516     \number##1 % space intended
517 }%
518 {}%
519 }%
520 \renewcommand*\DTMDisplaydate[4]{%
521     \ifDTMshowdow
522         \ifnum##4>-1
523             \DTMifbool{french}{abbr}%
524             {\DTMfrenchshortWeekdayname{##4}}%
525             {\DTMfrenchWeekdayname{##4}}%
526             \DTMfrenchdowdaysep
527             \DTMifbool{french}{showdayofmonth}%
528             {%
529                 \DTMfrenchordinal{##3}%
530                 \DTMfrenchdaymonthsep
531             }%
532             {}%
533             \DTMifbool{french}{abbr}%
534             {\DTMfrenchshortmonthname{##2}}%
535             {\DTMfrenchmonthname{##2}}%
536             \DTMifbool{french}{showyear}%
537             {%
538                 \DTMfrenchmonthyearsep
539                 \number##1 % space intended
540             }%
541             {}%
542         \else
543             \DTMifbool{french}{showdayofmonth}
544             {%
545                 \DTMfrenchordinal{##3}%
546                 \DTMfrenchdaymonthsep
547                 \DTMifbool{french}{abbr}%

```

```

548         {\DTMfrenchshortmonthname{##2}}%
549         {\DTMfrenchmonthname{##2}}%
550     }%
551     {%
552         \DTMifbool{french}{abbr}%
553         {\DTMfrenchshortMonthname{##2}}%
554         {\DTMfrenchMonthname{##2}}%
555     }%
556     \DTMifbool{french}{showyear}%
557     {%
558         \DTMfrenchmonthyearsep
559         \number##1 % space intended
560     }%
561     {}%
562     \fi
563 \else
564     \DTMifbool{french}{showdayofmonth}
565     {%
566         \DTMfrenchordinal{##3}%
567         \DTMfrenchdaymonthsep
568         \DTMifbool{french}{abbr}%
569         {\DTMfrenchshortmonthname{##2}}%
570         {\DTMfrenchmonthname{##2}}%
571     }%
572     {%
573         \DTMifbool{french}{abbr}%
574         {\DTMfrenchshortMonthname{##2}}%
575         {\DTMfrenchMonthname{##2}}%
576     }%
577     \DTMifbool{french}{showyear}%
578     {%
579         \DTMfrenchmonthyearsep
580         \number##1 % space intended
581     }%
582     {}%
583     \fi
584 }%
585 }%
586 {% time style
587     \DTMsettimestyle{frenchalpha}%
588 }%
589 {% zone style
590     \DTMresetzones
591     \DTMfrenchzonemaps
592     \renewcommand*{\DTMdisplayzone}[2]{%
593         \DTMifbool{french}{mapzone}%
594         {\DTMusedzonemapordefault{##1}{##2}}%
595     }%
596     \ifnum##1<0\else+\fi\DTMtwdigits{##1}%
597     \ifDTMshowzoneminutes\DTMfrenchtimesep\DTMtwdigits{##2}\fi

```

```

598     }%
599   }%
600 }%
601 {% full style
602   \renewcommand*\DTMdisplay}[9]{%
603     \ifDTMshowdate
604       \DTMdisplaydate{##1}{##2}{##3}{##4}%
605       \DTMfrenchdatetimesep
606     \fi
607     \DTMdisplaytime{##5}{##6}{##7}%
608     \ifDTMshowzone
609       \DTMfrenchtimezonesep
610       \DTMdisplayzone{##8}{##9}%
611     \fi
612   }%
613   \renewcommand*\DTMDisplay}[9]{%
614     \ifDTMshowdate
615       \DTMDisplaydate{##1}{##2}{##3}{##4}%
616       \DTMfrenchdatetimesep
617     \fi
618     \DTMdisplaytime{##5}{##6}{##7}%
619     \ifDTMshowzone
620       \DTMfrenchtimezonesep
621       \DTMdisplayzone{##8}{##9}%
622     \fi
623   }%
624 }%

```

Define numeric style.

```

625 \DTMnewstyle
626 {french-numeric}% label
627 {% date style
628   \renewcommand*\DTMdisplaydate[4]{%
629     \DTMifbool{french}{showdayofmonth}%
630     {%
631       \number##3 % space intended
632       \DTMfrenchdatesep
633     }%
634   }%
635   \number##2 % space intended
636   \DTMifbool{french}{showyear}%
637   {%
638     \DTMfrenchdatesep
639     \number##1 % space intended
640   }%
641 }%
642 }%
643 \renewcommand*\DTMDisplaydate}[4]{\DTMdisplaydate{##1}{##2}{##3}{##4}}%
644 }%
645 {% time style

```

```

646 \renewcommand*\DTMdisplaytime[3]{%
647 \number##1
648 \DTMfrenchtimesep\DTMtwodigits{##2}%
649 \ifDTMshowseconds\DTMfrenchtimesep\DTMtwodigits{##3}\fi
650 }%
651 }%
652 {% zone style
653 \DTMresetzones
654 \DTMfrenchzonemaps
655 \renewcommand*\DTMdisplayzone}[2]{%
656 \DTMifbool{french}{mapzone}%
657 {\DTMusedzonemapordefault{##1}{##2}}%
658 {%
659 \ifnum##1<0\else+\fi\DTMtwodigits{##1}%
660 \ifDTMshowzoneminutes\DTMfrenchtimesep\DTMtwodigits{##2}\fi
661 }%
662 }%
663 }%
664 {% full style
665 \renewcommand*\DTMdisplay}[9]{%
666 \ifDTMshowdate
667 \DTMdisplaydate{##1}{##2}{##3}{##4}%
668 \DTMfrenchdatetimesep
669 \fi
670 \DTMdisplaytime{##5}{##6}{##7}%
671 \ifDTMshowzone
672 \DTMfrenchtimezonesep
673 \DTMdisplayzone{##8}{##9}%
674 \fi
675 }%
676 \renewcommand*\DTMDisplay{\DTMdisplay}%
677 }

```

`\DTMfrenchzonemaps` The time zone mappings are set through this command, which can be redefined if extra mappings are required or mappings need to be removed.

```

678 \newcommand*\DTMfrenchzonemaps{%
679 \DTMdefzonemap{01}{00}{CET}%
680 \DTMdefzonemap{02}{00}{CEST}%
681 }

```

Switch style according to the `useregional` setting.

```

682 \DTMifcaseregional
683 {}% do nothing
684 {\DTMsetstyle{french}}
685 {\DTMsetstyle{french-numeric}}

```

Redefine `\datefrench` (or `\date<dialect>`) to prevent `babel` from resetting `\today`. (For this to work, `babel` must already have been loaded if it's required.)

```

686 \ifcsundef{date\CurrentTrackedDialect}
687 {%

```

```
688 \ifundef\datefrench
689 {% do nothing
690 }%
691 {%
692   \def\datefrench{%
693     \DTMifcaseregional
694     }% do nothing
695     {\DTMsetstyle{french}}%
696     {\DTMsetstyle{french-numeric}}%
697   }%
698 }%
699 }%
700 {%
701   \csdef{date\CurrentTrackedDialect}{%
702     \DTMifcaseregional
703     }% do nothing
704     {\DTMsetstyle{french}}%
705     {\DTMsetstyle{french-numeric}}%
706   }%
707 }%
```

## Change History

1.0	General: Initial release . . . . .	1, 6, 12	General: Add frenchalpha time style . . . . .	6, 11	
1.01	\DTMfrenchdowdaysep: Add support for showdow . . . . .	12	Add support for abbr . . . . .	13	
	\DTMfrenchshortmonthname: Add abbreviated month names . . . . .	3, 8	Add support for abbr and showdow . . . . .	13	
	\DTMfrenchshortweekdayname: Add abbreviated day of week names . . . . .	5, 10	1.02	\DTMfrenchdaymonthsep: Use non-breaking space . . . . .	12
			1.03	General: removed spurious space	17

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