

SERBIAN MODULE FOR DATETIME2 PACKAGE

<https://gitlab.com/andrejr/datetime2-serbian>

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ABSTRACT

This is the Serbian 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 `userregional` setting must be on (`text` or `numeric`) for the language styles to be set. Alternatively, you can set them in the document using `\DTMsetstyle`, but without the `userregional` setting on the style will be changed by `\date{language}`.

As of version 2.0, there is support for both Ekavian and Ijekavian pronunciation in both Latin and Cyrillic, regions (Serbia, Bosnia and Herzegovina, Montenegro), numeric format variants (Roman month ordinals, optional leading zeros). The package provides two regionless styles, `serbian` (Latin) and `serbianc` (Cyrillic), as well as regional styles (explained in [subsection 1.3](#)).

Neither month nor day of week abbreviations are supported. These aren't often used within dates in Serbian.

Currently, there are problems invoking regional styles, but I'm working on fixing those. Regionless styles are fully functional and you may load them as `serbian` and `serbianc`.

The package is generated from (Jinja2) templates by a Python script before it's uploaded to CTAN, so don't try to send patches to files you find there. All development is done on Gitlab (<https://gitlab.com/andrejr/datetime2-serbian>).

If you're developing other datetime2 localization modules (or localization modules in general), the way the package is generated might be of interest to you. I actually tried writing the package by hand, but it was way too tedious. Generating most of the package from templates seems like the best way to do it. Along the way, I also wrote a small utility for generating ASCII – LICR strings from utf-8 strings, and it can be found here: https://gitlab.com/andrejr/utf8_to_ligr. I might publish it to CTAN if there is interest.

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1 THE DOCUMENTATION

1.1 Installation

Extract the language definition files first:

1. Run Lua \LaTeX over the file `datetime2-serbian.ins`:
`lualatex datetime2-serbian.ins`
2. Move all `*.ldf` files to `TEXMF/tex/latex/datetime2-contrib/datetime2-serbian/`

Then, you can compile the documentation yourself by executing

```
lualatex datetime2-serbian.dtx
makeindex -s ginddt2s.ist datetime2-serbian.idx
makeindex -s gglo2s.ist -o datetime2-serbian.gls datetime2-serbian.glo
lualatex datetime2-serbian.dtx
lualatex datetime2-serbian.dtx
```

or just use the precompiled documentation shipped with the source files. In both cases, copy the files `datetime2-serbian.pdf` and `README.md` to `TEXMF/doc/latex/datetime2-contrib/datetime2-serbian/`.

1.2 Setting up datetime2 with a language module

1.2.1 Loading a language module

There are three different ways to load the required language module. See the `datetime2` documentation for further detail.

VARIANT 1: Request the desired language module explicitly by passing one of the region options to the `datetime2` package, such as `serbian`, `serbianc`, `sr-Cyrl-ME`, ... (the full list can be found in [subsection 1.3](#)).

```
\documentclass{article}
\usepackage[serbian]{datetime2}
\begin{document}
\today
\end{document}
```

VARIANT 2: Load babel and pass the serbian or serbianc option to the `\documentclass` command (or to babel directly). If you now pass the `userregional` option to `datetime2`, the language module suitable to the one specified with babel is loaded:

```
\documentclass[serbian]{article}
\usepackage{babel}
\usepackage[userregional]{datetime2}
\begin{document}
\today
\end{document}
```

VARIANT 3: When using `polyglossia`, you should request the desired language module by passing one of the previously mentioned options to the `datetime2` package:

```
\documentclass{article}
\usepackage{polyglossia}
\setmainlanguage{serbian}
\usepackage[serbian]{datetime2}
\begin{document}
\today
\end{document}
```

1.3 Regions and scripts

Serbian language is a rare example of synchronic digraphia — a situation where all literate members of a society use two interchangeable writing systems (Cyrillic and Latin). This is true in all regions Serbian is spoken in (Serbia, Bosnia and Herzegovina, Montenegro). This is why every region has a Cyrillic and Latin variant, as well as the regionless styles (`serbian` and `serbianc`).

The only other difference between the regions is the default value of `pronunciation`, which is Ekavian by default for `serbian`, `serbianc`, `sr-*-RS` and Ijekavian for the rest.

The full list of regions (and regionless styles, on top) is as follows:

<code>serbian</code>	<code>serbianc</code>
<code>sr-Latn</code>	<code>sr-Cyrl</code>
<code>sr-Latn-RS</code>	<code>sr-Cyrl-RS</code>
<code>sr-Latn-ME</code>	<code>sr-Cyrl-ME</code>
<code>sr-Latn-BA</code>	<code>sr-Cyrl-BA</code>

1.4 Settings (Serbian-related)

These settings can be changed using `DTMlangsetup`. Here's an example showing how to set both multiple-choice and boolean settings.

```
\DTMlangsetup[serbian]{pronunciation=ijekavian, monthi}
```

1.4.1 pronunciation

May take values `ekavian` and `ijekavian`, which denote the two most frequently used pronunciations in Serbian language. The only difference is in the way weekdays are written.

The default value is Ekavian by default for `serbian`, `serbianc`, `sr-*-RS` and Ijekavian for the rest of the regions.

ponedeljak, 4. novembar 2019.
ponedjeljak, 4. novembar 2019.

Ekavian pronunciation
Ijekavian pronunciation

1.4.2 *monthi*

This is a boolean key. If `false` (the default), the months June and July are spelled as *Jun* and *Jul*. If `true`, the months June and July are spelled as *Juni* and *Juli*.

15. juni 1389. monthi=true
15. jun 1389. monthi=false

1.4.3 *leadingzero*

This is a boolean key. If `false` (the default), there is no leading zero for hours, days or months. If `true`, there is.

уторак, 2. 4. 2019. 8.03 CET leadingzero=false
уторак, 02. 04. 2019. 08.03 CET leadingzero=true

1.4.4 *monthord*

This key defines the way the month ordinal is written in Serbian **-numeric* formats. This key defines the way the month ordinal is written in Serbian **-numeric*. It takes values `arabic` (the default), `roman` and `romanlsc`. The `arabic` setting results in an arabic numeral (subject to [leadingzero](#)) followed by a period.

The `roman` setting results in an uppercase Roman numeral without a period suffix. The `romansc` setting results in a lowercase small caps Roman numeral without a period suffix (this looks better than regular uppercase when using old style figures).

уторак, 2. 4. 2019. 8.03 CET monthord=arabic
уторак, 2. IV 2019. 8.03 CET monthord=roman with \liningnums
уторак, 2. IV 2019. 8.03 CET monthord=romanlsc with \oldstylenums

1.5 Other features and settings

1.5.1 *Showing the weekday*

All language modules shipped with `datetime2-serbian` support showing the weekday. To enable this feature, pass the `showdow` option to the `datetime2` package.

1.5.2 *Generic customization of styles*

There are a number of settings provided that can be used in `\DTMLangsetup` to modify the date-time style. These should be present in all `datetime2-*` packages and are present in all Serbian regionless and regional styles

These are:

`dowdaysep` The separator between the day of week name and the day of month number.

`daymonthsep` The separator between the day and the month name.

`monthyearsep` The separator between the month name and year.

`datesep` The separator between the date numbers in the numeric styles.

`timesep` The separator between hours, minutes and seconds.

`datetimesep` The separator between the date and time for the full date-time format.

`timezonesep` The separator between the time and zone for the full date-time format.

`mapzone` This is a boolean key. If true, the time zone mappings are applied.

`showdayofmonth` A boolean key that determines whether or not to show the day of the month.

`showyear` A boolean key that determines whether or not to show the year.

Although the keys listed here are *defined* for all variant styles, it depends on `datetime2`'s setup and the requested styles whether they're *used*.

For more information about the `\DTMLangsetup` command see the documentation of the main `datetime2` package.

1.6 License

This material is subject to the \LaTeX Project Public License, Version 1.3c or later. See the copyright headers of the single files for further details.

2 THE CODE

2.1 Base package localization strings

This file contains the code common to all the Serbian regional variations. The localization strings are later imported with the appropriate encoding.

```
1 \ProvidesDateTimeModule{serbian-base}[2019/11/11 v2.0.1]
```

```
\DTMserbianordinalROMAN Uppercase Roman numerals.  
2 \newcommand*{\DTMserbianordinalROMAN}[1]{%  
3   \ifcase#1  
4     \or%  
5     I%  
6     \or%  
7     II%  
8     \or%  
9     III%  
10    \or%  
11    IV%  
12    \or%  
13    V%  
14    \or%  
15    VI%  
16    \or%  
17    VII%  
18    \or%  
19    VIII%  
20    \or%  
21    IX%  
22    \or%  
23    X%  
24    \or%  
25    XI%  
26    \or%  
27    XII%  
28    \fi  
29 }
```

```
\DTMserbianordinalroman Lowercase Roman numerals.  
30 \newcommand*{\DTMserbianordinalroman}[1]{%  
31   \ifcase#1  
32     \or%  
33     i%  
34     \or%  
35     ii%  
36     \or%  
37     iii%  
38     \or%  
39     iv%  
40     \or%  
41     v%  
42     \or%  
43     vi%  
44     \or%
```

```

45   vii%
46   \or%
47   viii%
48   \or%
49   ix%
50   \or%
51   x%
52   \or%
53   xi%
54   \or%
55   xii%
56   \fi
57 }

```

We will now include the appropriate localization data.

Packages `ifxetex` and `ifluatex` provide a way to determine if the currently used \TeX engine is $X_{\text{E}}\TeX$ or $\text{Lua}\TeX$, respectively.

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

Load `serbian-utf8` if either $X_{\text{E}}\TeX$ or $\text{Lua}\TeX$ are used, since these engines natively support utf-8. Otherwise load `serbian-ascii`, which provides support for legacy engines that only support [LICR](#).

```

59 \ifxetex%
60   \RequireDateTimeModule{serbian-base-utf8}
61 \else
62   \ifluatex%
63     \RequireDateTimeModule{serbian-base-utf8}
64   \else
65     \RequireDateTimeModule{serbian-base-ascii}
66   \fi
67 \fi

```

2.2 Base Serbian **UTF-8** localization strings

This file contains the localization strings necessary for proper date formatting in **UTF-8** format. This file is loaded if $X_{\text{E}}\TeX$ or $\text{Lua}\TeX$ are used.

```
68 \ProvidesDateTimeModule{serbian-base-utf8}[2019/11/11 v2.0.1]
```

2.2.1 *Latin month names*

`\DTMserbianlatnoimonthname` Serbian month names, Latin alphabet, no `i` suffix for June and July, non-capitalized.

```

69 \newcommand*{\DTMserbianlatnoimonthname}[1]{%
70   \ifcase#1
71   \or%
72   januar%
73   \or%
74   februar%
75   \or%
76   mart%
77   \or%
78   april%
79   \or%
80   maj%

```



```

81 \or%
82   jun%
83 \or%
84   jul%
85 \or%
86   avgust%
87 \or%
88   septembar%
89 \or%
90   oktobar%
91 \or%
92   novembar%
93 \or%
94   decembar%
95 \fi
96 }

```

`\DTMserbianlatnoiMonthname` Serbian month names, Latin alphabet, no i suffix for June and July, capitalized.

```

97 \newcommand*{\DTMserbianlatnoiMonthname}[1]{%
98   \ifcase#1
99   \or%
100   Januar%
101   \or%
102   Februar%
103   \or%
104   Mart%
105   \or%
106   April%
107   \or%
108   Maj%
109   \or%
110   Jun%
111   \or%
112   Jul%
113   \or%
114   Avgust%
115   \or%
116   Septembar%
117   \or%
118   Oktobar%
119   \or%
120   Novembar%
121   \or%
122   Decembar%
123   \fi
124 }

```

`\DTMserbianlatimonthname` Serbian month names, Latin alphabet, i suffix for June and July, non-capitalized.

```

125 \newcommand*{\DTMserbianlatimonthname}[1]{%
126   \ifnum#1=6%
127     juni%
128   \else\ifnum\#1=7%
129     juli%
130   \else
131     \DTMserbianlatnoiMonthname%

```

```
132 \fi\fi
133 }
```

`\DTMserbianlatiMonthname` Serbian month names, Latin alphabet, i suffix for June and July, capitalized.

```
134 \newcommand*{\DTMserbianlatiMonthname}[1]{%
135 \ifnum#1=6%
136 Juni%
137 \else\ifnum\#1=7%
138 Juli%
139 \else
140 \DTMserbianlatnoimonthname%
141 \fi\fi
142 }
```

2.2.2 *Latin days of week, Ekavian pronunciation*

`\DTMserbianlatekweekdayname` Serbian weekday names, Latin alphabet, Ekavian pronunciation, non-capitalized

```
143 \newcommand*{\DTMserbianlatekweekdayname}[1]{%
144 \ifcase#1
145 ponedeljak%
146 \or%
147 utorak%
148 \or%
149 sreda%
150 \or%
151 četvrtak%
152 \or%
153 petak%
154 \or%
155 subota%
156 \or%
157 nedelja%
158 \fi%
159 }
```

`\DTMserbianlatekWeekdayname` Serbian weekday names, Latin alphabet, Ekavian pronunciation, capitalized

```
160 \newcommand*{\DTMserbianlatekWeekdayname}[1]{%
161 \ifcase#1
162 Ponedeljak%
163 \or%
164 Utorak%
165 \or%
166 Sreda%
167 \or%
168 Četvrtak%
169 \or%
170 Petak%
171 \or%
172 Subota%
173 \or%
174 Nedelja%
175 \fi%
176 }
```

2.2.3 Latin days of week, Ijekavian pronunciation

`\DTMserbianlatijweekdayname` Serbian weekday names, Latin alphabet, Ijekavian pronunciation, non-capitalized

```
177 \newcommand*{\DTMserbianlatijweekdayname}[1]{%
178   \ifcase#1
179     ponedjeljak%
180   \or%
181     utorak%
182   \or%
183     srijeda%
184   \or%
185     četvrtak%
186   \or%
187     petak%
188   \or%
189     subota%
190   \or%
191     nedjelja%
192   \fi%
193 }
```

`\DTMserbianlatijWeekdayname` Serbian weekday names, Latin alphabet, Ijekavian pronunciation, capitalized

```
194 \newcommand*{\DTMserbianlatijWeekdayname}[1]{%
195   \ifcase#1
196     Ponedjeljak%
197   \or%
198     Utorak%
199   \or%
200     Srijeda%
201   \or%
202     Četvrtak%
203   \or%
204     Petak%
205   \or%
206     Subota%
207   \or%
208     Nedjelja%
209   \fi%
210 }
```

2.2.4 Cyrillic month names

`\DTMserbiancyrnoimonthname` Serbian month names, Cyrillic alphabet, no i suffix for June and July, non-capitalized.

```
211 \newcommand*{\DTMserbiancyrnoimonthname}[1]{%
212   \ifcase#1
213   \or%
214     јануар%
215   \or%
216     фебруар%
217   \or%
218     март%
219   \or%
220     април%
221   \or%
222     мај%
```

```

223 \or%
224 јун%
225 \or%
226 јул%
227 \or%
228 август%
229 \or%
230 септембар%
231 \or%
232 октобар%
233 \or%
234 новембар%
235 \or%
236 децембар%
237 \fi
238 }

```

`\DTMserbiancyrnoiMonthname` Serbian month names, Cyrillic alphabet, no i suffix for June and July, capitalized.

```

239 \newcommand*{\DTMserbiancyrnoiMonthname}[1]{%
240 \ifcase#1
241 \or%
242 Јануар%
243 \or%
244 Фебруар%
245 \or%
246 Март%
247 \or%
248 Април%
249 \or%
250 Мај%
251 \or%
252 Јун%
253 \or%
254 Јул%
255 \or%
256 Август%
257 \or%
258 Септембар%
259 \or%
260 Октобар%
261 \or%
262 Новембар%
263 \or%
264 Децембар%
265 \fi
266 }

```

`\DTMserbiancyrmonthname` Serbian month names, Cyrillic alphabet, i suffix for June and July, non-capitalized.

```

267 \newcommand*{\DTMserbiancyrmonthname}[1]{%
268 \ifnum#1=6%
269 јуни%
270 \else\ifnum\#1=7%
271 јули%
272 \else
273 \DTMserbiancyrnoiMonthname%

```

```
274 \fi\fi
275 }
```

`\DTMserbiancyriMonthname` Serbian month names, Cyrillic alphabet, i suffix for June and July, capitalized.

```
276 \newcommand*{\DTMserbiancyriMonthname}[1]{%
277 \ifnum#1=6%
278     Јуни%
279 \else\ifnum\#1=7%
280     Јули%
281 \else
282     \DTMserbiancyrnoimonthname%
283 \fi\fi
284 }
```

2.2.5 Cyrillic days of week, Ekavian pronunciation

`\DTMserbiancyrekweekdayname` Serbian weekday names, Cyrillic alphabet, Ekavian pronunciation, non-capitalized

```
285 \newcommand*{\DTMserbiancyrekweekdayname}[1]{%
286 \ifcase#1
287     понедељак%
288 \or%
289     уторак%
290 \or%
291     среда%
292 \or%
293     четвртак%
294 \or%
295     петак%
296 \or%
297     субота%
298 \or%
299     недеља%
300 \fi%
301 }
```

`\DTMserbiancyrekWeekdayname` Serbian weekday names, Cyrillic alphabet, Ekavian pronunciation, capitalized

```
302 \newcommand*{\DTMserbiancyrekWeekdayname}[1]{%
303 \ifcase#1
304     Понедељак%
305 \or%
306     Уторак%
307 \or%
308     Среда%
309 \or%
310     Четвртак%
311 \or%
312     Петак%
313 \or%
314     Субота%
315 \or%
316     Недеља%
317 \fi%
318 }
```

2.2.6 Cyrillic days of week, Ijekavian pronunciation

```
\DTMserbiancyrijweekdayname Serbian weekday names, Cyrillic alphabet, Ijekavian pronunciation, non-capitalized
319 \newcommand*{\DTMserbiancyrijweekdayname}[1]{%
320   \ifcase#1
321     понедјељак%
322   \or%
323     уторак%
324   \or%
325     сриједа%
326   \or%
327     четвртак%
328   \or%
329     петак%
330   \or%
331     субота%
332   \or%
333     недјеља%
334   \fi%
335 }
```

```
\DTMserbiancyrijWeekdayname Serbian weekday names, Cyrillic alphabet, Ijekavian pronunciation, capitalized
336 \newcommand*{\DTMserbiancyrijWeekdayname}[1]{%
337   \ifcase#1
338     Понедјељак%
339   \or%
340     Уторак%
341   \or%
342     Сриједа%
343   \or%
344     Четвртак%
345   \or%
346     Петак%
347   \or%
348     Субота%
349   \or%
350     Недјеља%
351   \fi%
352 }
```

2.3 Base Serbian ASCII – LICR localization strings

This file contains the localization strings necessary for proper date formatting in **LICR** format, which is **ASCII**-compatible. It provides support for legacy \TeX engines that only support this kind of format and encoding.

This part of the file is generated from the **UTF-8** version with the help of a tool I wrote, since writing pure **LICR** by hand would be quite insane.

```
353 \ProvidesDateTimeModule{serbian-base-ascii}[2019/11/11 v2.0.1]
```

2.3.1 Latin month names

```
\DTMserbianlatnoimonthname Serbian month names, Latin alphabet, no i suffix for June and July, non-capitalized.
354 \newcommand*{\DTMserbianlatnoimonthname}[1]{%
```

```

355 \ifcase#1
356 \or%
357 januar%
358 \or%
359 februar%
360 \or%
361 mart%
362 \or%
363 april%
364 \or%
365 maj%
366 \or%
367 jun%
368 \or%
369 jul%
370 \or%
371 avgust%
372 \or%
373 septembar%
374 \or%
375 oktobar%
376 \or%
377 novembar%
378 \or%
379 decembar%
380 \fi
381 }

```

\DTMserbianlatnoiMonthname Serbian month names, Latin alphabet, no i suffix for June and July, capitalized.

```

382 \newcommand*{\DTMserbianlatnoiMonthname}[1]{%
383 \ifcase#1
384 \or%
385 Januar%
386 \or%
387 Februar%
388 \or%
389 Mart%
390 \or%
391 April%
392 \or%
393 Maj%
394 \or%
395 Jun%
396 \or%
397 Jul%
398 \or%
399 Avgust%
400 \or%
401 Septembar%
402 \or%
403 Oktobar%
404 \or%
405 Novembar%
406 \or%
407 Decembar%

```

```
408 \fi
409 }
```

`\DTMserbianlatimonthname` Serbian month names, Latin alphabet, i suffix for June and July, non-capitalized.

```
410 \newcommand*{\DTMserbianlatimonthname}[1]{%
411 \ifnum#1=6%
412 juni%
413 \else\ifnum\#1=7%
414 juli%
415 \else
416 \DTMserbianlatnoimonthname%
417 \fi\fi
418 }
```

`\DTMserbianlatiMonthname` Serbian month names, Latin alphabet, i suffix for June and July, capitalized.

```
419 \newcommand*{\DTMserbianlatiMonthname}[1]{%
420 \ifnum#1=6%
421 Juni%
422 \else\ifnum\#1=7%
423 Juli%
424 \else
425 \DTMserbianlatnoimonthname%
426 \fi\fi
427 }
```

2.3.2 Latin days of week, Ekavian pronunciation

`\DTMserbianlatekweekdayname` Serbian weekday names, Latin alphabet, Ekavian pronunciation, non-capitalized

```
428 \newcommand*{\DTMserbianlatekweekdayname}[1]{%
429 \ifcase#1
430 ponedeljak%
431 \or%
432 utorak%
433 \or%
434 sreda%
435 \or%
436 \v cetvrtak%
437 \or%
438 petak%
439 \or%
440 subota%
441 \or%
442 nedelja%
443 \fi%
444 }
```

`\DTMserbianlatekWeekdayname` Serbian weekday names, Latin alphabet, Ekavian pronunciation, capitalized

```
445 \newcommand*{\DTMserbianlatekWeekdayname}[1]{%
446 \ifcase#1
447 Ponedeljak%
448 \or%
449 Utorak%
450 \or%
451 Sreda%
```



```

452 \or%
453   \v Cetvrtak%
454 \or%
455   Petak%
456 \or%
457   Subota%
458 \or%
459   Nedelja%
460 \fi%
461 }

```

2.3.3 *Latin days of week, Ijekavian pronunciation*

\DTMserbianlatijweekdayname Serbian weekday names, Latin alphabet, Ijekavian pronunciation, non-capitalized

```

462 \newcommand*{\DTMserbianlatijweekdayname}[1]{%
463   \ifcase#1
464     ponedjeljak%
465   \or%
466     utorak%
467   \or%
468     srijeda%
469   \or%
470     \v cetvrtak%
471   \or%
472     petak%
473   \or%
474     subota%
475   \or%
476     nedjelja%
477   \fi%
478 }

```

\DTMserbianlatijWeekdayname Serbian weekday names, Latin alphabet, Ijekavian pronunciation, capitalized

```

479 \newcommand*{\DTMserbianlatijWeekdayname}[1]{%
480   \ifcase#1
481     Ponedjeljak%
482   \or%
483     Utorak%
484   \or%
485     Srijeda%
486   \or%
487     \v Cetvrtak%
488   \or%
489     Petak%
490   \or%
491     Subota%
492   \or%
493     Nedjelja%
494   \fi%
495 }

```

2.3.4 *Cyrillic month names*

\DTMserbiancyrnoimonthname Serbian month names, Cyrillic alphabet, no i suffix for June and July, non-capitalized.

```

496 \newcommand*{\DTMserbiancyrnoiMonthname}[1]{%
497   \ifcase#1
498   \or%
499     \cyrje\cyra\cyrn\cyru\cyra\cyrr%
500   \or%
501     \cyrf\cyre\cyrb\cyrr\cyru\cyra\cyrr%
502   \or%
503     \cyrM\cyra\cyrr\cyrt%
504   \or%
505     \cyra\cyrp\cyrr\cyri\cyr1%
506   \or%
507     \cyrM\cyra\cyrje%
508   \or%
509     \cyrje\cyru\cyrn%
510   \or%
511     \cyrje\cyru\cyr1%
512   \or%
513     \cyra\cyrv\cyrg\cyru\cyrs\cyrt%
514   \or%
515     \cyrs\cyre\cyrp\cyrt\cyre\cyrM\cyrb\cyra\cyrr%
516   \or%
517     \cyro\cyrk\cyrt\cyro\cyrb\cyra\cyrr%
518   \or%
519     \cyrn\cyro\cyrv\cyre\cyrM\cyrb\cyra\cyrr%
520   \or%
521     \cyrd\cyre\cyrc\cyre\cyrM\cyrb\cyra\cyrr%
522   \fi
523 }

```

\DTMserbiancyrnoiMonthname Serbian month names, Cyrillic alphabet, no i suffix for June and July, capitalized.

```

524 \newcommand*{\DTMserbiancyrnoiMonthname}[1]{%
525   \ifcase#1
526   \or%
527     \CYRJE\cyra\cyrn\cyru\cyra\cyrr%
528   \or%
529     \CYRF\cyre\cyrb\cyrr\cyru\cyra\cyrr%
530   \or%
531     \CYRM\cyra\cyrr\cyrt%
532   \or%
533     \CYRA\cyrp\cyrr\cyri\cyr1%
534   \or%
535     \CYRM\cyra\cyrje%
536   \or%
537     \CYRJE\cyru\cyrn%
538   \or%
539     \CYRJE\cyru\cyr1%
540   \or%
541     \CYRA\cyrv\cyrg\cyru\cyrs\cyrt%
542   \or%
543     \CYRS\cyre\cyrp\cyrt\cyre\cyrM\cyrb\cyra\cyrr%
544   \or%
545     \CYRO\cyrk\cyrt\cyro\cyrb\cyra\cyrr%
546   \or%
547     \CYRN\cyro\cyrv\cyre\cyrM\cyrb\cyra\cyrr%
548   \or%

```

```

549 \CYRD\cyre\cyrc\cyre\cyrm\cyrb\cyra\cyrr%
550 \fi
551 }

```

`\DTMserbiancyrimonthname` Serbian month names, Cyrillic alphabet, i suffix for June and July, non-capitalized.

```

552 \newcommand*{\DTMserbiancyrimonthname}[1]{%
553 \ifnum#1=6%
554 \cyrje\cyru\cyrn\cyri%
555 \else\ifnum\#1=7%
556 \cyrje\cyru\cyrl\cyri%
557 \else
558 \DTMserbiancyrnoimonthname%
559 \fi\fi
560 }

```

`\DTMserbiancyriMonthname` Serbian month names, Cyrillic alphabet, i suffix for June and July, capitalized.

```

561 \newcommand*{\DTMserbiancyriMonthname}[1]{%
562 \ifnum#1=6%
563 \CYRJE\cyru\cyrn\cyri%
564 \else\ifnum\#1=7%
565 \CYRJE\cyru\cyrl\cyri%
566 \else
567 \DTMserbiancyrnoimonthname%
568 \fi\fi
569 }

```

2.3.5 Cyrillic days of week, Ekavian pronunciation

`\DTMserbiancyrekweekdayname` Serbian weekday names, Cyrillic alphabet, Ekavian pronunciation, non-capitalized

```

570 \newcommand*{\DTMserbiancyrekweekdayname}[1]{%
571 \ifcase#1
572 \cyrp\cyro\cyrn\cyre\cyrd\cyre\cyrlje\cyra\cyrk%
573 \or%
574 \cyru\cyrt\cyro\cyrr\cyra\cyrk%
575 \or%
576 \cyrs\cyrr\cyre\cyrd\cyra%
577 \or%
578 \cyrch\cyre\cyrt\cyrv\cyrr\cyrt\cyra\cyrk%
579 \or%
580 \cyrp\cyre\cyrt\cyra\cyrk%
581 \or%
582 \cyrs\cyru\cyrb\cyro\cyrt\cyra%
583 \or%
584 \cyrn\cyre\cyrd\cyre\cyrlje\cyra%
585 \fi%
586 }

```

`\DTMserbiancyrekWeekdayname` Serbian weekday names, Cyrillic alphabet, Ekavian pronunciation, capitalized

```

587 \newcommand*{\DTMserbiancyrekWeekdayname}[1]{%
588 \ifcase#1
589 \CYRP\cyro\cyrn\cyre\cyrd\cyre\cyrlje\cyra\cyrk%
590 \or%
591 \CYRU\cyrt\cyro\cyrr\cyra\cyrk%
592 \or%

```

```

593     \CYRS\cyrr\cyre\cyrd\cyra%
594     \or%
595     \CYRCH\cyre\cyrt\cyrv\cyrr\cyrt\cyra\cyrk%
596     \or%
597     \CYRP\cyre\cyrt\cyra\cyrk%
598     \or%
599     \CYRS\cyru\cyrb\cyro\cyrt\cyra%
600     \or%
601     \CYRN\cyre\cyrd\cyre\cyrlje\cyra%
602     \fi%
603 }

```

2.3.6 Cyrillic days of week, Ijekavian pronunciation

\DTMserbiancyrijweekdayname Serbian weekday names, Cyrillic alphabet, Ijekavian pronunciation, non-capitalized

```

604 \newcommand*{\DTMserbiancyrijweekdayname}[1]{%
605     \ifcase#1
606         \cyr\cyro\cyrn\cyre\cyrd\cyrje\cyre\cyrlje\cyra\cyrk%
607         \or%
608         \cyru\cyrt\cyro\cyrr\cyra\cyrk%
609         \or%
610         \cyrs\cyrr\cyri\cyrje\cyre\cyrd\cyra%
611         \or%
612         \cyrch\cyre\cyrt\cyrv\cyrr\cyrt\cyra\cyrk%
613         \or%
614         \cyrp\cyre\cyrt\cyra\cyrk%
615         \or%
616         \cyrs\cyru\cyrb\cyro\cyrt\cyra%
617         \or%
618         \cyrn\cyre\cyrd\cyrje\cyre\cyrlje\cyra%
619         \fi%
620 }

```

\DTMserbiancyrijWeekdayname Serbian weekday names, Cyrillic alphabet, Ijekavian pronunciation, capitalized

```

621 \newcommand*{\DTMserbiancyrijWeekdayname}[1]{%
622     \ifcase#1
623         \CYRP\cyro\cyrn\cyre\cyrd\cyrje\cyre\cyrlje\cyra\cyrk%
624         \or%
625         \CYRU\cyrt\cyro\cyrr\cyra\cyrk%
626         \or%
627         \CYRS\cyrr\cyri\cyrje\cyre\cyrd\cyra%
628         \or%
629         \CYRCH\cyre\cyrt\cyrv\cyrr\cyrt\cyra\cyrk%
630         \or%
631         \CYRP\cyre\cyrt\cyra\cyrk%
632         \or%
633         \CYRS\cyru\cyrb\cyro\cyrt\cyra%
634         \or%
635         \CYRN\cyre\cyrd\cyrje\cyre\cyrlje\cyra%
636         \fi%
637 }

```

2.4 Serbian serbian Code (datetime2-serbian.ldf)

638 \ProvidesDateTimeModule{serbian}[2019/11/11 v2.0.1]

Load base Serbian module.

639 \RequireDateTimeModule{serbian-base}

2.4.1 Defining the serbian style

Allow the user a way of configuring the serbian and serbian-numeric styles by providing macros for various format elements.

This doesn't use the package-wide separators such as `\dtm@datetimesep` in case other date formats are also required.

`\DTMserbiandowdaysep` The separator between weekday and day.

640 \newcommand*\DTMserbiandowdaysep}{, \space}

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

641 \newcommand*\DTMserbiandaymonthsep}{%
642 \DTMtexorpdfstring{\protect~}{\space}%
643 }

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

644 \newcommand*\DTMserbianmonthyearsep}{\space}

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

645 \newcommand*\DTMserbiandatetimesep}{\space}

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

646 \newcommand*\DTMserbiantimezonesep}{\space}

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

647 \newcommand*\DTMserbiandatesep}{.}

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

648 \newcommand*\DTMserbiantimesep}{.}

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

649 \DTMdefkey{serbian}{dowdaysep}%
650 {\renewcommand*\DTMserbiandowdaysep}{#1}}
651 \DTMdefkey{serbian}{daymonthsep}%
652 {\renewcommand*\DTMserbiandaymonthsep}{#1}}
653 \DTMdefkey{serbian}{monthyearsep}%
654 {\renewcommand*\DTMserbianmonthyearsep}{#1}}
655 \DTMdefkey{serbian}{datetimesep}%
656 {\renewcommand*\DTMserbiandatetimesep}{#1}}
657 \DTMdefkey{serbian}{timezonesep}%
658 {\renewcommand*\DTMserbiantimezonesep}{#1}}
659 \DTMdefkey{serbian}{datesep}%
660 {\renewcommand*\DTMserbiandatesep}{#1}}
661 \DTMdefkey{serbian}{timesep}%
662 {\renewcommand*\DTMserbiantimesep}{#1}}

2.4.2 Switches and settings

`\DTMserbianweekdayname` Define the weekday name, lowercase.

```
663 \newcommand*{\DTMserbianweekdayname}%  
664 {\DTMserbianlatekweekdayname}
```

`\DTMserbianweekdayname` Define the weekday name, capitalized.

```
665 \newcommand*{\DTMserbianWeekdayname}%  
666   {\DTMserbianlatekWeekdayname}
```

Provide a way to switch between Ekavian and Ijekavian pronunciation.

```
667 \DTMdefchoicekey{serbian}%  
668   {pronunciation}[\@dtm@val\@dtm@nr]{ekavian,ijekavian}%  
669   \ifcase\@dtm@nr\relax  
670     \renewcommand*{\DTMserbianweekdayname}%  
671       {\DTMserbianlatekweekdayname}%  
672     \renewcommand*{\DTMserbianWeekdayname}%  
673       {\DTMserbianlatekWeekdayname}%  
674   \or%  
675     \renewcommand*{\DTMserbianweekdayname}%  
676       {\DTMserbianlatijweekdayname}%  
677     \renewcommand*{\DTMserbianWeekdayname}%  
678       {\DTMserbianlatijWeekdayname}%  
679   \fi  
680 }
```

Define a boolean key that can switch between (jun, jul) and (juni, juli) month spellings.

```
681 \DTMdefboolkey{serbian}{monthi}[true]{}
```

The default is without the *i* suffix.

```
682 \DTMsetbool{serbian}{monthi}{false}
```

Define a boolean key that determines if the day and month ordinals should have leading zeroes.

```
683 \DTMdefboolkey{serbian}{leadingzero}[true]{}
```

The default is to omit the leading zero.

```
684 \DTMsetbool{serbian}{leadingzero}{false}
```

`\DTMserbiandayordinal` Define the day ordinal format to be used by this style.

```
685   \newcommand*{\DTMserbiandayordinal}[1]{%  
686     \DTMifbool{serbian}{leadingzero}%  
687     {\DTMtwodigits{#1}}%  
688     {\number#1}\DTMserbiandatesep}%
```

`\DTMserbianyearordinal` Define the year ordinal format to be used by this style.

```
689   \newcommand*{\DTMserbianyearordinal}[1]{%  
690     \number#1\DTMserbiandatesep}%
```

Define the month names.

`\DTMserbiannoimonthname`

```
691 \newcommand*{\DTMserbiannoimonthname}{\DTMserbianlatnoimonthname}
```

`\DTMserbiannoimonthname`

```
692 \newcommand*{\DTMserbiannoimonthname}{\DTMserbianlatnoimonthname}
```

\DTMserbianmonthname

```
693 \newcommand*\DTMserbianmonthname{\DTMserbianlatimonthname}
```

\DTMserbianiMonthname

```
694 \newcommand*\DTMserbianiMonthname{\DTMserbianlatiMonthname}
```

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

```
695 \DTMdefboolkey{serbian}{mapzone}[true]{}
```

The default is to use mappings.

```
696 \DTMsetbool{serbian}{mapzone}{true}
```

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

```
697 \DTMdefboolkey{serbian}{showdayofmonth}[true]{}
```

The default is to show the day of month.

```
698 \DTMsetbool{serbian}{showdayofmonth}{true}
```

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

```
699 \DTMdefboolkey{serbian}{showyear}[true]{}
```

The default is to show the year.

```
700 \DTMsetbool{serbian}{showyear}{true}
```

```
701 \DTMnewstyle%
```

```
702 {serbian}% label
```

```
703 {% date style
```

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

```
705 \ifDTMshowdow%
```

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

```
707 \DTMserbianweekdayname{##4}%
```

```
708 \DTMserbiandowdaysep%
```

```
709 \fi
```

```
710 \fi
```

```
711 \DTMifbool{serbian}{showdayofmonth}
```

```
712 {\DTMserbiandayordinal{##3}\DTMserbiandaymonthsep}%
```

```
713 }%
```

```
714 \DTMifbool{serbian}{monthi}%
```

```
715 {\DTMserbianmonthname{##2}}%
```

```
716 {\DTMserbiannoimonthname{##2}}%
```

```
717 \DTMifbool{serbian}{showyear}%
```

```
718 {%
```

```
719 \DTMserbianmonthyearsep%
```

```
720 \DTMserbianyearordinal{##1}%
```

```
721 }%
```

```
722 }%
```

```
723 }%
```

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

```
725 \ifDTMshowdow%
```

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

```
727 \DTMserbianWeekdayname{##4}%
```

```
728 \DTMserbiandowdaysep%
```

```
729 \fi
```

```
730 \fi
```

```
731 \DTMifbool{serbian}{showdayofmonth}
```

```
732 {%
```

```
733 \DTMserbiandayordinal{##3}\DTMserbiandaymonthsep%
```

```

734     \DTMifbool{serbian}{monthi}%
735     {\DTMserbianimonthname{##2}}%
736     {\DTMserbiannoimonthname{##2}}%
737 }%
738 {%
739     \DTMifbool{serbian}{monthi}%
740     {\DTMserbianiMonthname{##2}}%
741     {\DTMserbiannoimonthname{##2}}%
742 }%
743 \DTMifbool{serbian}{showyear}%
744 {%
745     \DTMserbianmonthyearsep%
746     \DTMserbianyearordinal{##1}%
747 }%
748 }%
749 }%
750 }%
751 {% time style
752 \renewcommand*\DTMdisplaytime[3]{%
753     \DTMifbool{serbian}{leadingzero}{\DTMtwdigits{##1}}{\number##1}%
754     \DTMserbiantimesep\DTMtwdigits{##2}%
755     \ifDTMshowseconds\DTMserbiantimesep\DTMtwdigits{##3}\fi
756 }%
757 }%
758 {% zone style
759 \DTMresetzones%
760 \DTMserbianzonemaps%
761 \renewcommand*\DTMdisplayzone[2]{%
762     \DTMifbool{serbian}{mapzone}%
763     {\DTMusedzonemapordefault{##1}{##2}}%
764     {%
765         \ifnum##1<0
766         \else+\fi\DTMtwdigits{##1}%
767         \ifDTMshowzoneminutes\DTMserbiantimesep\DTMtwdigits{##2}\fi
768     }%
769 }%
770 }%
771 {% full style
772 \renewcommand*\DTMdisplay[9]{%
773     \ifDTMshowdate%
774         \DTMdisplaydate{##1}{##2}{##3}{##4}%
775         \DTMserbiandatetimesep%
776         \fi
777     \DTMdisplaytime{##5}{##6}{##7}%
778     \ifDTMshowzone%
779         \DTMserbiantimezonesep%
780         \DTMdisplayzone{##8}{##9}%
781     \fi
782 }%
783 \renewcommand*\DTMdisplay[9]{%
784     \ifDTMshowdate%
785         \DTMdisplaydate{##1}{##2}{##3}{##4}%
786         \DTMserbiandatetimesep%
787         \fi
788     \DTMdisplaytime{##5}{##6}{##7}%

```



```

789 \ifDTMshowzone%
790 \DTMserbiantimezonesep%
791 \DTMdisplayzone{##8}{##9}%
792 \fi
793 }%
794 }%

```

`\DTMserbianmonthordinal` Define the month ordinal format to be used by this style.

```

795 \newcommand*{\DTMserbianmonthordinal}[1]{%
796 \DTMifbool{serbian}{leadingzero}{\DTMtwodigits{#1}}{\number#1}.}%

```

Define a setting to switch between Arabic, uppercase Roman and lowercase smallcaps Roman month format for the serbian-numeric style.

```

797 \DTMdefchoicetypekey{serbian}{monthord}%
798 [\@dtm@val\@dtm@nr]{arabic,roman,romanlsc}{%
799 \ifcase\@dtm@nr\relax
800 \renewcommand*{\DTMserbianmonthordinal}[1]{%
801 \DTMifbool{serbian}{leadingzero}%
802 {\DTMtwodigits{##1}}{\number##1}\DTMserbiandatesep}%
803 \or%
804 \renewcommand*{\DTMserbianmonthordinal}[1]{%
805 \DTMtexorpdfstring{\protect\DTMserbianordinalROMAN{##1}}%
806 {serbianordinalROMAN{##1}}}%
807 \or%
808 \renewcommand*{\DTMserbianmonthordinal}[1]{%
809 \DTMtexorpdfstring{\textsc{\protect\DTMserbianordinalroman{##1}}}%
810 {serbianordinalROMAN{##1}}}%
811 \fi
812 }

```

Define numeric style.

```

813 \DTMnewstyle%
814 {serbian-numeric}% label
815 {% date style
816 \renewcommand*{\DTMdisplaydate[4]}{%
817 \ifDTMshowdow%
818 \ifnum##4>-1
819 \DTMserbianweekdayname{##4}%
820 \DTMserbiandowdaysep%
821 \fi
822 \fi
823 \DTMifbool{serbian}{showdayofmonth}%
824 {\DTMserbiandayordinal{##3}\DTMserbiandaymonthsep}%
825 }%
826 \DTMserbianmonthordinal{##2}%
827 \DTMifbool{serbian}{showyear}%
828 {%
829 \DTMserbianmonthyearsep%
830 \DTMserbianyearordinal{##1}%
831 }%
832 }%
833 }%
834 \renewcommand*{\DTMdisplaydate[4]}{%
835 \ifDTMshowdow%
836 \ifnum##4>-1

```

```

837     \DTMserbianWeekdayname{##4}%
838     \DTMserbiandowdaysep%
839     \fi
840 \fi
841 \DTMifbool{serbian}{showdayofmonth}%
842 {\DTMserbiandayordinal{##3}\DTMserbiandaymonthsep}%
843 }%
844 \DTMserbianmonthordinal{##2}%
845 \DTMifbool{serbian}{showyear}%
846 {%
847     \DTMserbianmonthyearsep%
848     \DTMserbianyearordinal{##1}%
849 }%
850 }%
851 }%
852 }%
853 {% time style
854 \renewcommand*\DTMdisplaytime[3]{%
855     \DTMifbool{serbian}{leadingzero}{\DTMtwdigits{##1}}{\number##1}%
856     \DTMserbiantimesep\DTMtwdigits{##2}%
857     \ifDTMshowseconds\DTMserbiantimesep\DTMtwdigits{##3}\fi
858 }%
859 }%
860 {% zone style
861 \DTMresetzones%
862 \DTMserbianzonemaps%
863 \renewcommand*\DTMdisplayzone[2]{%
864     \DTMifbool{serbian}{mapzone}%
865     {\DTMusedzonemapordefault{##1}{##2}}%
866     {%
867         \ifnum##1<0
868         \else+\fi\DTMtwdigits{##1}%
869         \ifDTMshowzoneminutes\DTMserbiantimesep\DTMtwdigits{##2}\fi
870     }%
871 }%
872 }%
873 {% full style
874 \renewcommand*\DTMdisplay[9]{%
875     \ifDTMshowdate%
876         \DTMdisplaydate{##1}{##2}{##3}{##4}%
877         \DTMserbiandatetimesep%
878     \fi
879     \DTMdisplaytime{##5}{##6}{##7}%
880     \ifDTMshowzone%
881         \DTMserbianimezonesep%
882         \DTMdisplayzone{##8}{##9}%
883     \fi
884 }%
885 \renewcommand*\DTMdisplay{\DTMdisplay}%
886 }

```

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

```

887 \newcommand*\DTMserbianzonemaps{%
888     \DTMdefzonemap{01}{00}{CET}%

```

```
889 \DTMdefzonemap{02}{00}{CEST}%
890 }
```

Switch style according to the useregional setting.

```
891 \DTMifcaseregional%
892 {}% do nothing
893 {\DTMsetstyle{serbian}}%
894 {\DTMsetstyle{serbian-numeric}}%

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

895 \ifcsundef{date\CurrentTrackedDialect}
896 {%
897 \ifundef\dateserbian%
898 {}% do nothing
899 }%
900 {%
901 \def\dateserbian{%
902 \DTMifcaseregional%
903 {}% do nothing
904 {\DTMsetstyle{serbian}}%
905 {\DTMsetstyle{serbian-numeric}}%
906 }%
907 }%
908 }%
909 {%
910 \csdef{date\CurrentTrackedDialect}{%
911 \DTMifcaseregional%
912 {}% do nothing

913 {\DTMsetstyle{serbian}}%
914 {\DTMsetstyle{serbian-numeric}}%
915 }%
916 }%
```

2.5 Serbian sr-Latn Code (datetime2-sr-Latn.1df)

```
917 \ProvidesDateTimeModule{sr-Latn}[2019/11/11 v2.0.1]
```

Load appropriate regionless Serbian module.

```
918 \RequireDateTimeModule{serbian}
```

2.5.1 Defining the sr-Latn style

Allow the user a way of configuring the sr-Latn and sr-Latn-numeric styles by providing macros for various format elements.

This doesn't use the package-wide separators such as \dtm@datetimesep in case other date formats are also required.

\DTMsrLatndowdaysep The separator between weekday and day.

```
919 \newcommand*\DTMsrLatndowdaysep{, \space}
```

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

```
920 \newcommand*\DTMsrLatndaymonthsep{%
921 \DTMtexorpdfstring{\protect~}{\space}%
922 }
```

`\DTMSrLatnmonthyearsep` The separator between the month and year for the text format.
923 `\newcommand*\DTMSrLatnmonthyearsep}{\space}`

`\DTMSrLatndatetimesep` The separator between the date and time blocks in the full format (either text or numeric).
924 `\newcommand*\DTMSrLatndatetimesep}{\space}`

`\DTMSrLatntimezonesep` The separator between the time and zone blocks in the full format (either text or numeric).
925 `\newcommand*\DTMSrLatntimezonesep}{\space}`

`\DTMSrLatndatesep` The separator for the numeric date format.
926 `\newcommand*\DTMSrLatndatesep}{.}`

`\DTMSrLatntimesep` The separator for the numeric time format.
927 `\newcommand*\DTMSrLatntimesep}{.}`

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

```

928 \DTMdefkey{sr-Latn}{dowdaysep}%
929     {\renewcommand*\DTMSr-Latndowdaysep}{#1}}
930 \DTMdefkey{sr-Latn}{daymonthsep}%
931     {\renewcommand*\DTMSr-Latndaymonthsep}{#1}}
932 \DTMdefkey{sr-Latn}{monthyearsep}%
933     {\renewcommand*\DTMSr-Latnmonthyearsep}{#1}}
934 \DTMdefkey{sr-Latn}{datetimesep}%
935     {\renewcommand*\DTMSr-Latndatetimesep}{#1}}
936 \DTMdefkey{sr-Latn}{timezonesep}%
937     {\renewcommand*\DTMSr-Latntimezonesep}{#1}}
938 \DTMdefkey{sr-Latn}{datesep}%
939     {\renewcommand*\DTMSr-Latndatesep}{#1}}
940 \DTMdefkey{sr-Latn}{timesep}%
941     {\renewcommand*\DTMSr-Latntimesep}{#1}}

```

2.5.2 *Switches and settings*

`\DTMSrLatnweekdayname` Define the weekday name, lowercase.
942 `\newcommand*\DTMSrLatnweekdayname}%`
943 `{\DTMserbianlatekweekdayname}`

`\DTMSrLatnweekdayname` Define the weekday name, capitalized.
944 `\newcommand*\DTMSrLatnWeekdayname}%`
945 `{\DTMserbianlatekWeekdayname}`

Provide a way to switch between Ekavian and Ijekavian pronunciation.

```

946 \DTMdefchoicekey{sr-Latn}%
947     {pronunciation}[\@dtm@val\@dtm@nr]{ekavian,ijekavian}{%
948     \ifcase\@dtm@nr\relax
949     \renewcommand*\DTMSrLatnweekdayname}%
950     {\DTMserbianlatekweekdayname}%
951     \renewcommand*\DTMSrLatnWeekdayname}%
952     {\DTMserbianlatekWeekdayname}%
953     \or%
954     \renewcommand*\DTMSrLatnweekdayname}%
955     {\DTMserbianlatijweekdayname}%
956     \renewcommand*\DTMSrLatnWeekdayname}

```

```

957         {\DTMserbianlatijWeekdayname}%
958     \fi
959 }

```

Define a boolean key that can switch between (jun, jul) and (juni, juli) month spellings.

```

960 \DTMdefboolkey{sr-Latn}{monthi}[true]{}

```

The default is without the i suffix.

```

961 \DTMsetbool{sr-Latn}{monthi}{false}

```

Define a boolean key that determines if the day and month ordinals should have leading zeroes.

```

962 \DTMdefboolkey{sr-Latn}{leadingzero}[true]{}

```

The default is to omit the leading zero.

```

963 \DTMsetbool{sr-Latn}{leadingzero}{false}

```

`\DTMsrLatndayordinal` Define the day ordinal format to be used by this style.

```

964     \newcommand*{\DTMsrLatndayordinal}[1]{%
965         \DTMifbool{sr-Latn}{leadingzero}%
966         {\DTMtwodigits{#1}}%
967         {\number#1}\DTMsrLatndatesep}%

```

`\DTMsrLatnyearordinal` Define the year ordinal format to be used by this style.

```

968     \newcommand*{\DTMsrLatnyearordinal}[1]{%
969         \number#1\DTMsrLatndatesep}%

```

Define the month names.

`\DTMsrLatnnoimonthname`

```

970 \newcommand*{\DTMsrLatnnoimonthname}{\DTMserbianlatnoimonthname}

```

`\DTMsrLatnnoiMonthname`

```

971 \newcommand*{\DTMsrLatnnoiMonthname}{\DTMserbianlatnoiMonthname}

```

`\DTMsrLatnimonthname`

```

972 \newcommand*{\DTMsrLatnimonthname}{\DTMserbianlatimonthname}

```

`\DTMsrLatniMonthname`

```

973 \newcommand*{\DTMsrLatniMonthname}{\DTMserbianlatiMonthname}

```

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

```

974 \DTMdefboolkey{sr-Latn}{mapzone}[true]{}

```

The default is to use mappings.

```

975 \DTMsetbool{sr-Latn}{mapzone}{true}

```

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

```

976 \DTMdefboolkey{sr-Latn}{showdayofmonth}[true]{}

```

The default is to show the day of month.

```

977 \DTMsetbool{sr-Latn}{showdayofmonth}{true}

```

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

```

978 \DTMdefboolkey{sr-Latn}{showyear}[true]{}

```

The default is to show the year.

```

979 \DTMsetbool{sr-Latn}{showyear}{true}

```

```

980 \DTMnewstyle%
981 {sr-Latn}% label
982 {% date style
983   \renewcommand*\DTMdisplaydate[4]{%
984     \ifDTMshowdown%
985       \ifnum##4>-1
986         \DTMrLatnweekdayname{##4}%
987         \DTMrLatndowdaysep%
988       \fi
989     \fi
990     \DTMifbool{sr-Latn}{showdayofmonth}
991     {\DTMrLatndayordinal{##3}\DTMrLatndaymonthsep}%
992     }%
993     \DTMifbool{sr-Latn}{monthi}%
994     {\DTMrLatnmonthname{##2}}%
995     {\DTMrLatnnoimonthname{##2}}%
996     \DTMifbool{sr-Latn}{showyear}%
997     {%
998       \DTMrLatnmonthyearsep%
999       \DTMrLatnyearordinal{##1}%
1000     }%
1001   }%
1002 }%
1003 \renewcommand*\DTMdisplaydate[4]{%
1004   \ifDTMshowdown%
1005     \ifnum##4>-1
1006       \DTMrLatnWeekdayname{##4}%
1007       \DTMrLatndowdaysep%
1008     \fi
1009   \fi
1010   \DTMifbool{sr-Latn}{showdayofmonth}
1011   {%
1012     \DTMrLatndayordinal{##3}\DTMrLatndaymonthsep%
1013     \DTMifbool{sr-Latn}{monthi}%
1014     {\DTMrLatnmonthname{##2}}%
1015     {\DTMrLatnnoimonthname{##2}}%
1016   }%
1017   {%
1018     \DTMifbool{sr-Latn}{monthi}%
1019     {\DTMrLatniMonthname{##2}}%
1020     {\DTMrLatnnoiMonthname{##2}}%
1021   }%
1022   \DTMifbool{sr-Latn}{showyear}%
1023   {%
1024     \DTMrLatnmonthyearsep%
1025     \DTMrLatnyearordinal{##1}%
1026   }%
1027   }%
1028 }%
1029 }%
1030 {% time style
1031   \renewcommand*\DTMdisplaytime[3]{%
1032     \DTMifbool{sr-Latn}{leadingzero}{\DTMtwodigits{##1}}{\number##1}%
1033     \DTMrLatntimesep\DTMtwodigits{##2}%
1034     \ifDTMshowseconds\DTMrLatntimesep\DTMtwodigits{##3}\fi

```

```

1035 }%
1036 }%
1037 {% zone style
1038 \DTMresetzones%
1039 \DTMSrLatnzonemaps%
1040 \renewcommand*{\DTMdisplayzone}[2]{%
1041 \DTMifbool{sr-Latn}{mapzone}%
1042 {\DTMusedzonemapordefault{##1}{##2}}%
1043 {%
1044 \ifnum##1<0
1045 \else+\fi\DTMtwodigits{##1}%
1046 \ifDTMshowzoneminutes\DTMSrLatntimesep\DTMtwodigits{##2}\fi
1047 }%
1048 }%
1049 }%
1050 {% full style
1051 \renewcommand*{\DTMdisplay}[9]{%
1052 \ifDTMshowdate%
1053 \DTMdisplaydate{##1}{##2}{##3}{##4}%
1054 \DTMSrLatndatetimesep%
1055 \fi
1056 \DTMdisplaytime{##5}{##6}{##7}%
1057 \ifDTMshowzone%
1058 \DTMSrLatntimezonesep%
1059 \DTMdisplayzone{##8}{##9}%
1060 \fi
1061 }%
1062 \renewcommand*{\DTMdisplay}[9]{%
1063 \ifDTMshowdate%
1064 \DTMdisplaydate{##1}{##2}{##3}{##4}%
1065 \DTMSrLatndatetimesep%
1066 \fi
1067 \DTMdisplaytime{##5}{##6}{##7}%
1068 \ifDTMshowzone%
1069 \DTMSrLatntimezonesep%
1070 \DTMdisplayzone{##8}{##9}%
1071 \fi
1072 }%
1073 }%

```

`\DTMSrLatnmonthordinal` Define the month ordinal format to be used by this style.

```

1074 \newcommand*{\DTMSrLatnmonthordinal}[1]{%
1075 \DTMifbool{sr-Latn}{leadingzero}{\DTMtwodigits{#1}}{\number#1}.}%

```

Define a setting to switch between Arabic, uppercase Roman and lowercase smallcaps Roman month format for the srLatn-numeric style.

```

1076 \DTMdefchoicekey{sr-Latn}{monthord}%
1077 [\@dtm@val\@dtm@nr]{arabic,roman,romanlsc}{%
1078 \ifcase\@dtm@nr\relax
1079 \renewcommand*{\DTMSrLatnmonthordinal}[1]{%
1080 \DTMifbool{sr-Latn}{leadingzero}%
1081 {\DTMtwodigits{##1}}{\number##1}\DTMSrLatndatesep}%
1082 \or%
1083 \renewcommand*{\DTMSrLatnmonthordinal}[1]{%
1084 \DTMtexorpdfstring{\protect\DTMserbianordinalROMAN{##1}}%

```

```

1085     {serbianordinalROMAN{##1}}}%
1086 \or%
1087   \renewcommand*\DTMSrLatnmonthordinal}[1]{%
1088     \DTMtexorpdfstring{\textsc{\protect\DTMserbianordinalroman{##1}}}%
1089     {serbianordinalROMAN{##1}}}%
1090 \fi
1091 }

```

Define numeric style.

```

1092 \DTMnewstyle%
1093 {sr-Latn-numeric}% label
1094 {% date style
1095   \renewcommand*\DTMdisplaydate[4]{%
1096     \ifDTMshowdow%
1097       \ifnum##4>-1
1098         \DTMSrLatnweekdayname{##4}%
1099         \DTMSrLatndowdaysep%
1100       \fi
1101     \fi
1102     \DTMifbool{sr-Latn}{showdayofmonth}%
1103     {\DTMSrLatndayordinal{##3}\DTMSrLatndaymonthsep}%
1104     {}%
1105     \DTMSrLatnmonthordinal{##2}%
1106     \DTMifbool{sr-Latn}{showyear}%
1107     {%
1108       \DTMSrLatnmonthyearsep%
1109       \DTMSrLatnyearordinal{##1}%
1110     }%
1111     {}%
1112   }%
1113   \renewcommand*\DTMdisplaydate[4]{%
1114     \ifDTMshowdow%
1115       \ifnum##4>-1
1116         \DTMSrLatnWeekdayname{##4}%
1117         \DTMSrLatndowdaysep%
1118       \fi
1119     \fi
1120     \DTMifbool{sr-Latn}{showdayofmonth}%
1121     {\DTMSrLatndayordinal{##3}\DTMSrLatndaymonthsep}%
1122     {}%
1123     \DTMSrLatnmonthordinal{##2}%
1124     \DTMifbool{sr-Latn}{showyear}%
1125     {%
1126       \DTMSrLatnmonthyearsep%
1127       \DTMSrLatnyearordinal{##1}%
1128     }%
1129     {}%
1130   }%
1131 }%
1132 {% time style
1133   \renewcommand*\DTMdisplaytime[3]{%
1134     \DTMifbool{sr-Latn}{leadingzero}{\DTMtwodigits{##1}}{\number##1}%
1135     \DTMSrLatntimesep\DTMtwodigits{##2}%
1136     \ifDTMshowseconds\DTMSrLatntimesep\DTMtwodigits{##3}\fi
1137   }%
1138 }%

```



```

II39 {% zone style
II40 \DTMresetzones%
II41 \DTMSrLatnzonemaps%
II42 \renewcommand*{\DTMdisplayzone}[2]{%
II43 \DTMifbool{sr-Latn}{mapzone}%
II44 {\DTMusedzonemapordefault{##1}{##2}}%
II45 {%
II46 \ifnum##1<0
II47 \else+\fi\DTMtwodigits{##1}%
II48 \ifDTMshowzoneminutes\DTMSrLatntimesep\DTMtwodigits{##2}\fi
II49 }%
II50 }%
II51 }%
II52 {% full style
II53 \renewcommand*{\DTMdisplay}[9]{%
II54 \ifDTMshowdate%
II55 \DTMdisplaydate{##1}{##2}{##3}{##4}%
II56 \DTMSrLatndatetimesep%
II57 \fi
II58 \DTMdisplaytime{##5}{##6}{##7}%
II59 \ifDTMshowzone%
II60 \DTMSrLatntimezonesep%
II61 \DTMdisplayzone{##8}{##9}%
II62 \fi
II63 }%
II64 \renewcommand*{\DTMdisplay}{\DTMdisplay}%
II65 }

```

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

```

II66 \newcommand*{\DTMSrLatnzonemaps}{%
II67 \DTMdefzonemap{01}{00}{CET}%
II68 \DTMdefzonemap{02}{00}{CEST}%
II69 }

```

Switch style according to the user regional setting.

```

II70 \DTMifcaseregional%
II71 {}% do nothing
II72 {\DTMsetstyle{sr-Latn}}%
II73 {\DTMsetstyle{sr-Latn-numeric}}%

```

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

```

II74 \ifcsundef{date\CurrentTrackedDialect}
II75 {%
II76 \ifundef\dateserbian%
II77 {}% do nothing
II78 }%
II79 {%
II80 \def\dateserbian{%
II81 \DTMifcaseregional%
II82 {}% do nothing
II83 {\DTMsetstyle{sr-Latn}}%
II84 {\DTMsetstyle{sr-Latn-numeric}}%
II85 }%

```

```

1186 }%
1187 }%
1188 {%
1189 \csdef{date\CurrentTrackedDialect}{%
1190 \DTMifcaseregional%
1191 }% do nothing

1192 {\DTMsetstyle{serbian}}%
1193 {\DTMsetstyle{serbian-numeric}}%
1194 }%
1195 }%

```

2.6 Serbian sr-Latn-RS Code (datetime2-sr-Latn-RS.1df)

```
1196 \ProvidesDateTimeModule{sr-Latn-RS}[2019/11/11 v2.0.1]
```

Load appropriate regionless Serbian module.

```
1197 \RequireDateTimeModule{serbian}
```

2.6.1 Defining the sr-Latn-RS style

Allow the user a way of configuring the sr-Latn-RS and sr-Latn-RS-numeric styles by providing macros for various format elements.

This doesn't use the package-wide separators such as `\dtm@datetimesep` in case other date formats are also required.

`\DTMsrLatnRSdowdaysep` The separator between weekday and day.

```
1198 \newcommand*{\DTMsrLatnRSdowdaysep}{, \space}
```

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

```
1199 \newcommand*{\DTMsrLatnRSdaymonthsep}{%
1200 \DTMtexpdfstring{\protect~}{\space}%
1201 }
```

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

```
1202 \newcommand*{\DTMsrLatnRSmonthyearsep}{\space}
```

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

```
1203 \newcommand*{\DTMsrLatnRSdatetimesep}{\space}
```

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

```
1204 \newcommand*{\DTMsrLatnRStimezonesep}{\space}
```

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

```
1205 \newcommand*{\DTMsrLatnRSdatesep}{.}
```

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

```
1206 \newcommand*{\DTMsrLatnRStimesep}{.}
```

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

```
1207 \DTMdefkey{sr-Latn-RS}{dowdaysep}%
1208 {\renewcommand*{\DTMsr-Latn-RSdowdaysep}{#1}}
1209 \DTMdefkey{sr-Latn-RS}{daymonthsep}%
1210 {\renewcommand*{\DTMsr-Latn-RSdaymonthsep}{#1}}
```

```

1211 \DTMdefkey{sr-Latn-RS}{monthyearsep}%
1212     {\renewcommand*{\DTMSr-Latn-RSmonthyearsep}{#1}}
1213 \DTMdefkey{sr-Latn-RS}{datetimesep}%
1214     {\renewcommand*{\DTMSr-Latn-RSdatetimesep}{#1}}
1215 \DTMdefkey{sr-Latn-RS}{timezonesep}%
1216     {\renewcommand*{\DTMSr-Latn-RStimezonesep}{#1}}
1217 \DTMdefkey{sr-Latn-RS}{datesep}%
1218     {\renewcommand*{\DTMSr-Latn-RSdatesep}{#1}}
1219 \DTMdefkey{sr-Latn-RS}{timesep}%
1220     {\renewcommand*{\DTMSr-Latn-RStimesep}{#1}}

```

2.6.2 Switches and settings

`\DTMSrLatnRSweekdayname` Define the weekday name, lowercase.

```

1221 \newcommand*{\DTMSrLatnRSweekdayname}%
1222 {\DTMserbianlatekweekdayname}

```

`\DTMSrLatnRSWeekdayname` Define the weekday name, capitalized.

```

1223 \newcommand*{\DTMSrLatnRSWeekdayname}%
1224     {\DTMserbianlatekWeekdayname}

```

Provide a way to switch between Ekavian and Ijekavian pronunciation.

```

1225 \DTMdefchoicekey{sr-Latn-RS}%
1226     {pronunciation}[\@dtm@val\@dtm@nr]{ekavian,ijekavian}{%
1227     \ifcase\@dtm@nr\relax
1228     \renewcommand*{\DTMSrLatnRSweekdayname}%
1229         {\DTMserbianlatekweekdayname}%
1230     \renewcommand*{\DTMSrLatnRSWeekdayname}%
1231         {\DTMserbianlatekWeekdayname}%
1232     \or%
1233     \renewcommand*{\DTMSrLatnRSweekdayname}%
1234         {\DTMserbianlatijweekdayname}%
1235     \renewcommand*{\DTMSrLatnRSWeekdayname}%
1236         {\DTMserbianlatijWeekdayname}%
1237     \fi
1238 }

```

Define a boolean key that can switch between (jun, jul) and (juni, juli) month spellings.

```

1239 \DTMdefboolkey{sr-Latn-RS}{monthi}[true]{}

```

The default is without the i suffix.

```

1240 \DTMsetbool{sr-Latn-RS}{monthi}{false}

```

Define a boolean key that determines if the day and month ordinals should have leading zeroes.

```

1241 \DTMdefboolkey{sr-Latn-RS}{leadingzero}[true]{}

```

The default is to omit the leading zero.

```

1242 \DTMsetbool{sr-Latn-RS}{leadingzero}{false}

```

`\DTMSrLatnRSdayordinal` Define the day ordinal format to be used by this style.

```

1243 \newcommand*{\DTMSrLatnRSdayordinal}[1]{%
1244     \DTMifbool{sr-Latn-RS}{leadingzero}%
1245     {\DTMtwdigits{#1}}%
1246     {\number#1}\DTMSrLatnRSdatesep}%

```

`\DTMsRLatnRSyearordinal` Define the year ordinal format to be used by this style.

```
1247 \newcommand*{\DTMsRLatnRSyearordinal}[1]{%
1248 \number#1\DTMsRLatnRSdatesep}%
```

Define the month names.

`\DTMsRLatnRSnoimonthname`

```
1249 \newcommand*{\DTMsRLatnRSnoimonthname}{\DTMserbianlatnoimonthname}
```

`\DTMsRLatnRSnoiMonthname`

```
1250 \newcommand*{\DTMsRLatnRSnoiMonthname}{\DTMserbianlatnoiMonthname}
```

`\DTMsRLatnRSimonthname`

```
1251 \newcommand*{\DTMsRLatnRSimonthname}{\DTMserbianlatimonthname}
```

`\DTMsRLatnRSiMonthname`

```
1252 \newcommand*{\DTMsRLatnRSiMonthname}{\DTMserbianlatiMonthname}
```

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

```
1253 \DTMdefboolkey{sr-Latn-RS}{mapzone}[true]{}
```

The default is to use mappings.

```
1254 \DTMsetbool{sr-Latn-RS}{mapzone}{true}
```

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

```
1255 \DTMdefboolkey{sr-Latn-RS}{showdayofmonth}[true]{}
```

The default is to show the day of month.

```
1256 \DTMsetbool{sr-Latn-RS}{showdayofmonth}{true}
```

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

```
1257 \DTMdefboolkey{sr-Latn-RS}{showyear}[true]{}
```

The default is to show the year.

```
1258 \DTMsetbool{sr-Latn-RS}{showyear}{true}
```

```
1259 \DTMnewstyle%
```

```
1260 {sr-Latn-RS}% label
```

```
1261 {% date style
```

```
1262 \renewcommand*{\DTMdisplaydate[4]{%
```

```
1263 \ifDTMshowdow%
```

```
1264 \ifnum##4>-1
```

```
1265 \DTMsRLatnRSweekdayname{##4}%
```

```
1266 \DTMsRLatnRSdowdaysep%
```

```
1267 \fi
```

```
1268 \fi
```

```
1269 \DTMifbool{sr-Latn-RS}{showdayofmonth}
```

```
1270 {\DTMsRLatnRSdayordinal{##3}\DTMsRLatnRSdaymonthsep}%
```

```
1271 }%
```

```
1272 \DTMifbool{sr-Latn-RS}{monthi}%
```

```
1273 {\DTMsRLatnRSimonthname{##2}}%
```

```
1274 {\DTMsRLatnRSnoimonthname{##2}}%
```

```
1275 \DTMifbool{sr-Latn-RS}{showyear}%
```

```
1276 {%
```

```
1277 \DTMsRLatnRSmonthyearsep%
```

```
1278 \DTMsRLatnRSyearordinal{##1}}%
```

```

1279 }%
1280 {}%
1281 }%
1282 \renewcommand*\DTMDisplaydate[4]{%
1283 \ifDTMshowdown%
1284 \ifnum##4>-1
1285 \DTMsLatnRSWeekdayname{##4}%
1286 \DTMsLatnRSdowdaysep%
1287 \fi
1288 \fi
1289 \DTMifbool{sr-Latn-RS}{showdayofmonth}
1290 {%
1291 \DTMsLatnRSdayordinal{##3}\DTMsLatnRSdaymonthsep%
1292 \DTMifbool{sr-Latn-RS}{monthi}%
1293 {\DTMsLatnRSmonthname{##2}}%
1294 {\DTMsLatnRSnoimonthname{##2}}%
1295 }%
1296 {%
1297 \DTMifbool{sr-Latn-RS}{monthi}%
1298 {\DTMsLatnRSiMonthname{##2}}%
1299 {\DTMsLatnRSnoiMonthname{##2}}%
1300 }%
1301 \DTMifbool{sr-Latn-RS}{showyear}%
1302 {%
1303 \DTMsLatnRSmonthyearsep%
1304 \DTMsLatnRSyearordinal{##1}%
1305 }%
1306 {}%
1307 }%
1308 }%
1309 {% time style
1310 \renewcommand*\DTMdisplaytime[3]{%
1311 \DTMifbool{sr-Latn-RS}{leadingzero}{\DTMtwdigits{##1}}{\number##1}%
1312 \DTMsLatnRStimesep\DTMtwdigits{##2}%
1313 \ifDTMshowseconds\DTMsLatnRStimesep\DTMtwdigits{##3}\fi
1314 }%
1315 }%
1316 {% zone style
1317 \DTMresetzones%
1318 \DTMsLatnRSzonemaps%
1319 \renewcommand*\DTMdisplayzone[2]{%
1320 \DTMifbool{sr-Latn-RS}{mapzone}%
1321 {\DTMusedzonemapordefault{##1}{##2}}%
1322 {%
1323 \ifnum##1<0
1324 \else+\fi\DTMtwdigits{##1}%
1325 \ifDTMshowzoneminutes\DTMsLatnRStimesep\DTMtwdigits{##2}\fi
1326 }%
1327 }%
1328 }%
1329 {% full style
1330 \renewcommand*\DTMdisplay}[9]{%
1331 \ifDTMshowdate%
1332 \DTMdisplaydate{##1}{##2}{##3}{##4}%
1333 \DTMsLatnRSdatetimesep%

```

```

1334 \fi
1335 \DTMdisplaytime{##5}{##6}{##7}%
1336 \ifDTMshowzone%
1337 \DTMsrlatnRStimezonesep%
1338 \DTMdisplayzone{##8}{##9}%
1339 \fi
1340 }%
1341 \renewcommand*\DTMdisplay}[9]{%
1342 \ifDTMshowdate%
1343 \DTMdisplaydate{##1}{##2}{##3}{##4}%
1344 \DTMsrlatnRSdatetimesep%
1345 \fi
1346 \DTMdisplaytime{##5}{##6}{##7}%
1347 \ifDTMshowzone%
1348 \DTMsrlatnRStimezonesep%
1349 \DTMdisplayzone{##8}{##9}%
1350 \fi
1351 }%
1352 }%

```

`\DTMsrlatnRSmonthordinal` Define the month ordinal format to be used by this style.

```

1353 \newcommand*\DTMsrlatnRSmonthordinal}[1]{%
1354 \DTMifbool{sr-Latn-RS}{leadingzero}{\DTMtwodigits{##1}{\number##1}.}%

```

Define a setting to switch between Arabic, uppercase Roman and lowercase smallcaps Roman month format for the `srLatnRS-numeric` style.

```

1355 \DTMdefchoicekey{sr-Latn-RS}{monthord}%
1356 [\@dtm@val\@dtm@nr]{arabic,roman,romanlsc}{%
1357 \ifcase\@dtm@nr\relax
1358 \renewcommand*\DTMsrlatnRSmonthordinal}[1]{%
1359 \DTMifbool{sr-Latn-RS}{leadingzero}%
1360 {\DTMtwodigits{##1}{\number##1}\DTMsrlatnRSdatesep}%
1361 \or%
1362 \renewcommand*\DTMsrlatnRSmonthordinal}[1]{%
1363 \DTMtexorpdfstring{\protect\DTMserbianordinalROMAN{##1}}%
1364 {serbianordinalROMAN{##1}}}%
1365 \or%
1366 \renewcommand*\DTMsrlatnRSmonthordinal}[1]{%
1367 \DTMtexorpdfstring{\textsc{\protect\DTMserbianordinalroman{##1}}}%
1368 {serbianordinalROMAN{##1}}}%
1369 \fi
1370 }

```

Define numeric style.

```

1371 \DTMnewstyle%
1372 {sr-Latn-RS-numeric}% label
1373 {% date style
1374 \renewcommand*\DTMdisplaydate[4]{%
1375 \ifDTMshowdow%
1376 \ifnum##4>-1
1377 \DTMsrlatnRSweekdayname{##4}%
1378 \DTMsrlatnRSDowdaysep%
1379 \fi
1380 \fi
1381 \DTMifbool{sr-Latn-RS}{showdayofmonth}%

```

```

1382   {\DTMsrlatnRSdayordinal{##3}\DTMsrlatnRSdaymonthsep}%
1383   }%
1384   \DTMsrlatnRSmonthordinal{##2}%
1385   \DTMifbool{sr-Latn-RS}{showyear}%
1386   {%
1387     \DTMsrlatnRSmonthyearsep%
1388     \DTMsrlatnRSyearordinal{##1}%
1389   }%
1390   }%
1391 }%
1392 \renewcommand*{\DTMdisplaydate[4]{%
1393   \ifDTMshowdow%
1394     \ifnum##4>-1
1395       \DTMsrlatnRSweekdayname{##4}%
1396       \DTMsrlatnRSdowdaysep%
1397     \fi
1398   \fi
1399   \DTMifbool{sr-Latn-RS}{showdayofmonth}%
1400   {\DTMsrlatnRSdayordinal{##3}\DTMsrlatnRSdaymonthsep}%
1401   }%
1402   \DTMsrlatnRSmonthordinal{##2}%
1403   \DTMifbool{sr-Latn-RS}{showyear}%
1404   {%
1405     \DTMsrlatnRSmonthyearsep%
1406     \DTMsrlatnRSyearordinal{##1}%
1407   }%
1408   }%
1409 }%
1410 }%
1411 {% time style
1412   \renewcommand*{\DTMdisplaytime[3]{%
1413     \DTMifbool{sr-Latn-RS}{leadingzero}{\DTMtwodigits{##1}}{\number##1}%
1414     \DTMsrlatnRStimesep\DTMtwodigits{##2}%
1415     \ifDTMshowseconds\DTMsrlatnRStimesep\DTMtwodigits{##3}\fi
1416   }%
1417 }%
1418 {% zone style
1419   \DTMresetzones%
1420   \DTMsrlatnRSzonemaps%
1421   \renewcommand*{\DTMdisplayzone}[2]{%
1422     \DTMifbool{sr-Latn-RS}{mapzone}%
1423     {\DTMusedzonemapordefault{##1}{##2}}%
1424     {%
1425       \ifnum##1<0
1426         \else+\fi\DTMtwodigits{##1}%
1427       \ifDTMshowzoneminutes\DTMsrlatnRStimesep\DTMtwodigits{##2}\fi
1428     }%
1429   }%
1430 }%
1431 {% full style
1432   \renewcommand*{\DTMdisplay}[9]{%
1433     \ifDTMshowdate%
1434       \DTMdisplaydate{##1}{##2}{##3}{##4}%
1435       \DTMsrlatnRSdatetimesep%
1436     \fi

```

```

1437 \DTMdisplaytime{##5}{##6}{##7}%
1438 \ifDTMshowzone%
1439 \DTMsrLatnRStimezonesep%
1440 \DTMdisplayzone{##8}{##9}%
1441 \fi
1442 }%
1443 \renewcommand*{\DTMDisplay}{\DTMdisplay}%
1444 }

```

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

```

1445 \newcommand*{\DTMsrLatnRSzonemaps}{%
1446 \DTMdefzonemap{01}{00}{CET}%
1447 \DTMdefzonemap{02}{00}{CEST}%
1448 }

```

Switch style according to the user regional setting.

```

1449 \DTMifcaseregional%
1450 {}% do nothing
1451 {\DTMsetstyle{sr-Latn-RS}}%
1452 {\DTMsetstyle{sr-Latn-RS-numeric}}%

```

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

```

1453 \ifcsundef{date\CurrentTrackedDialect}
1454 {%
1455 \ifundef\dateserbian%
1456 {% do nothing
1457 }%
1458 {%
1459 \def\dateserbian{%
1460 \DTMifcaseregional%
1461 {}% do nothing
1462 {\DTMsetstyle{sr-Latn-RS}}%
1463 {\DTMsetstyle{sr-Latn-RS-numeric}}%
1464 }%
1465 }%
1466 }%
1467 {%
1468 \csdef{date\CurrentTrackedDialect}{%
1469 \DTMifcaseregional%
1470 {}% do nothing
1471 {\DTMsetstyle{serbian}}%
1472 {\DTMsetstyle{serbian-numeric}}%
1473 }%
1474 }%

```

2.7 Serbian sr-Latn-ME Code (datetime2-sr-Latn-ME.1df)

```

1475 \ProvidesDateTimeModule{sr-Latn-ME}[2019/11/11 v2.0.1]

```

Load appropriate regionless Serbian module.

```

1476 \RequireDateTimeModule{serbian}

```


2.7.1 Defining the sr-Latn-ME style

Allow the user a way of configuring the sr-Latn-ME and sr-Latn-ME-numeric styles by providing macros for various format elements.

This doesn't use the package-wide separators such as `\dtm@datetimesep` in case other date formats are also required.

<code>\DTMsrlatnMEdowdaysep</code>	The separator between weekday and day. 1477 <code>\newcommand*\DTMsrlatnMEdowdaysep}{, \space}</code>
<code>\DTMsrlatnMEdaymonthsep</code>	The separator between the day and month for the text format. 1478 <code>\newcommand*\DTMsrlatnMEdaymonthsep}{%</code> 1479 <code>\DTMtexorpdfstring{\protect~}{\space}}%</code> 1480 <code>}</code>
<code>\DTMsrlatnMEmonthyearsep</code>	The separator between the month and year for the text format. 1481 <code>\newcommand*\DTMsrlatnMEmonthyearsep}{ \space}</code>
<code>\DTMsrlatnMEdatetimesep</code>	The separator between the date and time blocks in the full format (either text or numeric). 1482 <code>\newcommand*\DTMsrlatnMEdatetimesep}{\space}</code>
<code>\DTMsrlatnMEtimezonesep</code>	The separator between the time and zone blocks in the full format (either text or numeric). 1483 <code>\newcommand*\DTMsrlatnMEtimezonesep}{\space}</code>
<code>\DTMsrlatnMEdatesep</code>	The separator for the numeric date format. 1484 <code>\newcommand*\DTMsrlatnMEdatesep}{.}</code>
<code>\DTMsrlatnMETimesep</code>	The separator for the numeric time format. 1485 <code>\newcommand*\DTMsrlatnMETimesep}{.}</code>

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

```
1486 \DTMdefkey{sr-Latn-ME}{dowdaysep}%
1487   {\renewcommand*\DTMsrlatnMEdowdaysep}{#1}}
1488 \DTMdefkey{sr-Latn-ME}{daymonthsep}%
1489   {\renewcommand*\DTMsrlatnMEdaymonthsep}{#1}}
1490 \DTMdefkey{sr-Latn-ME}{monthyearsep}%
1491   {\renewcommand*\DTMsrlatnMEmonthyearsep}{#1}}
1492 \DTMdefkey{sr-Latn-ME}{datetimesep}%
1493   {\renewcommand*\DTMsrlatnMEdatetimesep}{#1}}
1494 \DTMdefkey{sr-Latn-ME}{timezonesep}%
1495   {\renewcommand*\DTMsrlatnMEtimezonesep}{#1}}
1496 \DTMdefkey{sr-Latn-ME}{datesep}%
1497   {\renewcommand*\DTMsrlatnMEdatesep}{#1}}
1498 \DTMdefkey{sr-Latn-ME}{timesep}%
1499   {\renewcommand*\DTMsrlatnMETimesep}{#1}}
```

2.7.2 Switches and settings

<code>\DTMsrlatnMEweekdayname</code>	Define the weekday name, lowercase. 1500 <code>\newcommand*\DTMsrlatnMEweekdayname}%</code> 1501 <code>{\DTMsrbianlatijweekdayname}</code>
--------------------------------------	--

`\DTMsrlatnMEweekdayname` Define the weekday name, capitalized.

```
1502 \newcommand*{\DTMsrlatnMEweekdayname}%  
1503     {\DTMserbianlatijweekdayname}
```

Provide a way to switch between Ekavian and Ijekavian pronunciation.

```
1504 \DTMdefchoicekey{sr-Latn-ME}%  
1505     {pronunciation}[\@dtm@val\@dtm@nr]{ekavian,ijekavian}{%  
1506     \ifcase\@dtm@nr\relax  
1507     \renewcommand*{\DTMsrlatnMEweekdayname}%  
1508         {\DTMserbianlatekweekdayname}%  
1509     \renewcommand*{\DTMsrlatnMEweekdayname}%  
1510         {\DTMserbianlatekweekdayname}%  
1511     \or%  
1512     \renewcommand*{\DTMsrlatnMEweekdayname}%  
1513         {\DTMserbianlatijweekdayname}%  
1514     \renewcommand*{\DTMsrlatnMEweekdayname}%  
1515         {\DTMserbianlatijweekdayname}%  
1516     \fi  
1517 }
```

Define a boolean key that can switch between (jun, jul) and (juni, juli) month spellings.

```
1518 \DTMdefboolkey{sr-Latn-ME}{monthi}[true]{}
```

The default is without the *i* suffix.

```
1519 \DTMsetbool{sr-Latn-ME}{monthi}{false}
```

Define a boolean key that determines if the day and month ordinals should have leading zeroes.

```
1520 \DTMdefboolkey{sr-Latn-ME}{leadingzero}[true]{}
```

The default is to omit the leading zero.

```
1521 \DTMsetbool{sr-Latn-ME}{leadingzero}{false}
```

`\DTMsrlatnMEdayordinal` Define the day ordinal format to be used by this style.

```
1522     \newcommand*{\DTMsrlatnMEdayordinal}[1]{%  
1523         \DTMifbool{sr-Latn-ME}{leadingzero}%  
1524         {\DTMtwdigits{#1}}%  
1525         {\number#1}\DTMsrlatnMEdatesep}%
```

`\DTMsrlatnMEyearordinal` Define the year ordinal format to be used by this style.

```
1526     \newcommand*{\DTMsrlatnMEyearordinal}[1]{%  
1527         \number#1\DTMsrlatnMEdatesep}%
```

Define the month names.

`\DTMsrlatnMEnoimonthname`

```
1528 \newcommand*{\DTMsrlatnMEnoimonthname}{\DTMserbianlatnoimonthname}
```

`\DTMsrlatnMEiMonthname`

```
1529 \newcommand*{\DTMsrlatnMEiMonthname}{\DTMserbianlatnoiMonthname}
```

`\DTMsrlatnMEimonthname`

```
1530 \newcommand*{\DTMsrlatnMEimonthname}{\DTMserbianlatimonthname}
```

`\DTMsrlatnMEiMonthname`

```
1531 \newcommand*{\DTMsrlatnMEiMonthname}{\DTMserbianlatiMonthname}
```

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

```
1532 \DTMdefboolkey{sr-Latn-ME}{mapzone}[true]{}
```

The default is to use mappings.

```
1533 \DTMsetbool{sr-Latn-ME}{mapzone}{true}
```

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

```
1534 \DTMdefboolkey{sr-Latn-ME}{showdayofmonth}[true]{}
```

The default is to show the day of month.

```
1535 \DTMsetbool{sr-Latn-ME}{showdayofmonth}{true}
```

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

```
1536 \DTMdefboolkey{sr-Latn-ME}{showyear}[true]{}
```

The default is to show the year.

```
1537 \DTMsetbool{sr-Latn-ME}{showyear}{true}
```

```
1538 \DTMnewstyle%
```

```
1539 {sr-Latn-ME}% label
```

```
1540 {% date style
```

```
1541   \renewcommand*\DTMdisplaydate[4]{%
```

```
1542     \ifDTMshowdow%
```

```
1543       \ifnum##4>-1
```

```
1544         \DTMsrLatnMEweekdayname{##4}%
```

```
1545         \DTMsrLatnMEdowdaysep%
```

```
1546       \fi
```

```
1547     \fi
```

```
1548     \DTMifbool{sr-Latn-ME}{showdayofmonth}
```

```
1549       {\DTMsrLatnMEDayordinal{##3}\DTMsrLatnMEDaymonthsep}%
```

```
1550     }%
```

```
1551     \DTMifbool{sr-Latn-ME}{monthi}%
```

```
1552       {\DTMsrLatnMEimonthname{##2}}%
```

```
1553       {\DTMsrLatnMEnoimonthname{##2}}%
```

```
1554     \DTMifbool{sr-Latn-ME}{showyear}%
```

```
1555     {%
```

```
1556       \DTMsrLatnMEMonthyearsep%
```

```
1557       \DTMsrLatnMEyearordinal{##1}%
```

```
1558     }%
```

```
1559   }%
```

```
1560 }%
```

```
1561 \renewcommand*\DTMdisplaydate[4]{%
```

```
1562   \ifDTMshowdow%
```

```
1563     \ifnum##4>-1
```

```
1564       \DTMsrLatnMEWeekdayname{##4}%
```

```
1565       \DTMsrLatnMEdowdaysep%
```

```
1566     \fi
```

```
1567   \fi
```

```
1568   \DTMifbool{sr-Latn-ME}{showdayofmonth}
```

```
1569   {%
```

```
1570     \DTMsrLatnMEDayordinal{##3}\DTMsrLatnMEDaymonthsep%
```

```
1571     \DTMifbool{sr-Latn-ME}{monthi}%
```

```
1572       {\DTMsrLatnMEimonthname{##2}}%
```

```
1573       {\DTMsrLatnMEnoimonthname{##2}}%
```

```
1574     }%
```

```
1575   }%
```

```
1576   \DTMifbool{sr-Latn-ME}{monthi}%
```

```

1577         {\DTMSrLatnMEiMonthname{##2}}%
1578         {\DTMSrLatnMEnoiMonthname{##2}}%
1579     }%
1580     \DTMifbool{sr-Latn-ME}{showyear}%
1581     {%
1582         \DTMSrLatnMEmonthyearsep%
1583         \DTMSrLatnMEyearordinal{##1}%
1584     }%
1585     }%
1586 }%
1587 }%
1588 {% time style
1589     \renewcommand*\DTMdisplaytime[3]{%
1590         \DTMifbool{sr-Latn-ME}{leadingzero}{\DTMtwdigits{##1}}{\number##1}%
1591         \DTMSrLatnMETimesep\DTMtwdigits{##2}%
1592         \ifDTMshowseconds\DTMSrLatnMETimesep\DTMtwdigits{##3}\fi
1593     }%
1594 }%
1595 {% zone style
1596     \DTMresetzones%
1597     \DTMSrLatnMEzonemaps%
1598     \renewcommand*\DTMdisplayzone[2]{%
1599         \DTMifbool{sr-Latn-ME}{mapzone}%
1600         {\DTMusedzonemapordefault{##1}{##2}}%
1601     }%
1602     \ifnum##1<0
1603     \else+\fi\DTMtwdigits{##1}%
1604     \ifDTMshowzoneminutes\DTMSrLatnMETimesep\DTMtwdigits{##2}\fi
1605     }%
1606 }%
1607 }%
1608 {% full style
1609     \renewcommand*\DTMdisplay[9]{%
1610         \ifDTMshowdate%
1611             \DTMdisplaydate{##1}{##2}{##3}{##4}%
1612             \DTMSrLatnMEdatetimesep%
1613         \fi
1614         \DTMdisplaytime{##5}{##6}{##7}%
1615         \ifDTMshowzone%
1616             \DTMSrLatnMETimezonesep%
1617             \DTMdisplayzone{##8}{##9}%
1618         \fi
1619     }%
1620     \renewcommand*\DTMDisplay[9]{%
1621         \ifDTMshowdate%
1622             \DTMDisplaydate{##1}{##2}{##3}{##4}%
1623             \DTMSrLatnMEdatetimesep%
1624         \fi
1625         \DTMDisplaytime{##5}{##6}{##7}%
1626         \ifDTMshowzone%
1627             \DTMSrLatnMETimezonesep%
1628             \DTMDisplayzone{##8}{##9}%
1629         \fi
1630     }%
1631 }%

```

`\DTMsrLatnMEmonthordinal` Define the month ordinal format to be used by this style.

```
1632 \newcommand*{\DTMsrLatnMEmonthordinal}[1]{%
1633     \DTMifbool{sr-Latn-ME}{leadingzero}{\DTMtwodigits{#1}}{\number#1}.}%
```

Define a setting to switch between Arabic, uppercase Roman and lowercase smallcaps Roman month format for the srLatnME-numeric style.

```
1634 \DTMdefchoicekey{sr-Latn-ME}{monthord}%
1635 [\@dtm@val\@dtm@nr]{arabic,roman,romanlsc}{%
1636   \ifcase\@dtm@nr\relax
1637   \renewcommand*{\DTMsrLatnMEmonthordinal}[1]{%
1638     \DTMifbool{sr-Latn-ME}{leadingzero}%
1639     {\DTMtwodigits{#1}}{\number#1}\DTMsrLatnMEdatesep}%
1640 \or%
1641   \renewcommand*{\DTMsrLatnMEmonthordinal}[1]{%
1642     \DTMtexorpdfstring{\protect\DTMserbianordinalROMAN{#1}}%
1643     {serbianordinalROMAN{#1}}}%
1644 \or%
1645   \renewcommand*{\DTMsrLatnMEmonthordinal}[1]{%
1646     \DTMtexorpdfstring{\textsc{\protect\DTMserbianordinalroman{#1}}}%
1647     {serbianordinalROMAN{#1}}}%
1648 \fi
1649 }
```

Define numeric style.

```
1650 \DTMnewstyle%
1651 {sr-Latn-ME-numeric}% label
1652 {% date style
1653   \renewcommand*{\DTMdisplaydate[4]}{%
1654     \ifDTMshowdow%
1655       \ifnum##4>-1
1656         \DTMsrLatnMEweekdayname{##4}%
1657         \DTMsrLatnMEdowdaysep%
1658       \fi
1659     \fi
1660     \DTMifbool{sr-Latn-ME}{showdayofmonth}%
1661     {\DTMsrLatnMEDayordinal{##3}\DTMsrLatnMEDaymonthsep}%
1662     {}%
1663     \DTMsrLatnMEmonthordinal{##2}%
1664     \DTMifbool{sr-Latn-ME}{showyear}%
1665     {%
1666       \DTMsrLatnMEmonthyearsep%
1667       \DTMsrLatnMEyearordinal{##1}%
1668     }%
1669   }%
1670 }%
1671 \renewcommand*{\DTMdisplaydate[4]}{%
1672   \ifDTMshowdow%
1673     \ifnum##4>-1
1674       \DTMsrLatnMEweekdayname{##4}%
1675       \DTMsrLatnMEdowdaysep%
1676     \fi
1677   \fi
1678   \DTMifbool{sr-Latn-ME}{showdayofmonth}%
1679   {\DTMsrLatnMEDayordinal{##3}\DTMsrLatnMEDaymonthsep}%
1680   {}%
```

```

1681 \DTMSrLatnMEmonthordinal{##2}%
1682 \DTMifbool{sr-Latn-ME}{showyear}%
1683 {%
1684 \DTMSrLatnMEmonthyearsep%
1685 \DTMSrLatnMEyearordinal{##1}%
1686 }%
1687 {%
1688 }%
1689 }%
1690 {% time style
1691 \renewcommand*\DTMdisplaytime[3]{%
1692 \DTMifbool{sr-Latn-ME}{leadingzero}{\DTMtwdigits{##1}}{\number##1}%
1693 \DTMSrLatnMEtimesep\DTMtwdigits{##2}%
1694 \ifDTMshowseconds\DTMSrLatnMEtimesep\DTMtwdigits{##3}\fi
1695 }%
1696 }%
1697 {% zone style
1698 \DTMresetzones%
1699 \DTMSrLatnMEzonemaps%
1700 \renewcommand*\DTMdisplayzone[2]{%
1701 \DTMifbool{sr-Latn-ME}{mapzone}%
1702 {\DTMusedzonemapordefault{##1}{##2}}%
1703 {%
1704 \ifnum##1<0
1705 \else+\fi\DTMtwdigits{##1}%
1706 \ifDTMshowzoneminutes\DTMSrLatnMEtimesep\DTMtwdigits{##2}\fi
1707 }%
1708 }%
1709 }%
1710 {% full style
1711 \renewcommand*\DTMdisplay[9]{%
1712 \ifDTMshowdate%
1713 \DTMdisplaydate{##1}{##2}{##3}{##4}%
1714 \DTMSrLatnMEdatetimesep%
1715 \fi
1716 \DTMdisplaytime{##5}{##6}{##7}%
1717 \ifDTMshowzone%
1718 \DTMSrLatnMEtimezonesep%
1719 \DTMdisplayzone{##8}{##9}%
1720 \fi
1721 }%
1722 \renewcommand*\DTMdisplay{\DTMdisplay}%
1723 }

```

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

```

1724 \newcommand*\DTMSrLatnMEzonemaps{%
1725 \DTMdefzonemap{01}{00}{CET}%
1726 \DTMdefzonemap{02}{00}{CEST}%
1727 }

```

Switch style according to the user regional setting.

```

1728 \DTMifcaseregional%
1729 }% do nothing
1730 {\DTMsetstyle{sr-Latn-ME}}%

```

```

1731 {\DTMsetstyle{sr-Latn-ME-numeric}}%
    Redefine \dateserbian (or \date(dialect)) to prevent babel from resetting \today. (For
    this to work, babel must already have been loaded if it's required.)
1732 \ifcsundef{date\CurrentTrackedDialect}
1733 {%
1734   \ifundef\dateserbian%
1735     {% do nothing
1736     }%
1737     {%
1738       \def\dateserbian{%
1739         \DTMifcaseregional%
1740         }% do nothing
1741         {\DTMsetstyle{sr-Latn-ME}}%
1742         {\DTMsetstyle{sr-Latn-ME-numeric}}%
1743       }%
1744     }%
1745 }%
1746 {%
1747   \csdef{date\CurrentTrackedDialect}{%
1748     \DTMifcaseregional%
1749     }% do nothing
1750     {\DTMsetstyle{serbian}}%
1751     {\DTMsetstyle{serbian-numeric}}%
1752   }%
1753 }%

```

2.8 Serbian sr-Latn-BA Code (datetime2-sr-Latn-BA.1df)

```
1754 \ProvidesDateTimeModule{sr-Latn-BA}[2019/11/11 v2.0.1]
```

Load appropriate regionless Serbian module.

```
1755 \RequireDateTimeModule{serbian}
```

2.8.1 Defining the sr-Latn-BA style

Allow the user a way of configuring the sr-Latn-BA and sr-Latn-BA-numeric styles by providing macros for various format elements.

This doesn't use the package-wide separators such as `\dtm@datetimesep` in case other date formats are also required.

`\DTMsrLatnBAowdaysep` The separator between weekday and day.

```
1756 \newcommand*\DTMsrLatnBAowdaysep}{\space}
```

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

```
1757 \newcommand*\DTMsrLatnBADaymonthsep}{%
1758   \DTMtexpdfstring{\protect~}{\space}%
1759 }
```

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

```
1760 \newcommand*\DTMsrLatnBAmontyearsep}{\space}
```

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

```
1761 \newcommand*\DTMsrLatnBADatetimesep}{\space}
```

`\DTMsrlatnBAtimezonesep` The separator between the time and zone blocks in the full format (either text or numeric).
1762 `\newcommand*\DTMsrlatnBAtimezonesep}{\space}`

`\DTMsrlatnBAdatesep` The separator for the numeric date format.
1763 `\newcommand*\DTMsrlatnBAdatesep}{.}`

`\DTMsrlatnBAtimesep` The separator for the numeric time format.
1764 `\newcommand*\DTMsrlatnBAtimesep}{.}`

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

```
1765 \DTMdefkey{sr-Latn-BA}{dowdaysep}%
1766     {\renewcommand*\DTMsrlatnBA{dowdaysep}{#1}}
1767 \DTMdefkey{sr-Latn-BA}{daymonthsep}%
1768     {\renewcommand*\DTMsrlatnBA{daymonthsep}{#1}}
1769 \DTMdefkey{sr-Latn-BA}{monthyearsep}%
1770     {\renewcommand*\DTMsrlatnBA{monthyearsep}{#1}}
1771 \DTMdefkey{sr-Latn-BA}{datetimesep}%
1772     {\renewcommand*\DTMsrlatnBA{datetimesep}{#1}}
1773 \DTMdefkey{sr-Latn-BA}{timezonesep}%
1774     {\renewcommand*\DTMsrlatnBA{timezonesep}{#1}}
1775 \DTMdefkey{sr-Latn-BA}{datesep}%
1776     {\renewcommand*\DTMsrlatnBA{datesep}{#1}}
1777 \DTMdefkey{sr-Latn-BA}{timesep}%
1778     {\renewcommand*\DTMsrlatnBA{timesep}{#1}}
```

2.8.2 Switches and settings

`\DTMsrlatnBAweekdayname` Define the weekday name, lowercase.
1779 `\newcommand*\DTMsrlatnBAweekdayname}%`
1780 `{\DTMserbianlatijweekdayname}`

`\DTMsrlatnBAweekdayname` Define the weekday name, capitalized.
1781 `\newcommand*\DTMsrlatnBAweekdayname}%`
1782 `{\DTMserbianlatijWeekdayname}`

Provide a way to switch between Ekavian and Ijekavian pronunciation.

```
1783 \DTMdefchoicekey{sr-Latn-BA}%
1784     {pronunciation}[\@dtm@val\@dtm@nr]{ekavian,ijekavian}{%
1785     \ifcase\@dtm@nr\relax
1786     \renewcommand*\DTMsrlatnBAweekdayname}%
1787     {\DTMserbianlatekweekdayname}%
1788     \renewcommand*\DTMsrlatnBAweekdayname}%
1789     {\DTMserbianlatekWeekdayname}%
1790     \or%
1791     \renewcommand*\DTMsrlatnBAweekdayname}%
1792     {\DTMserbianlatijweekdayname}%
1793     \renewcommand*\DTMsrlatnBAweekdayname}
1794     {\DTMserbianlatijWeekdayname}%
1795     \fi
1796 }
```

Define a boolean key that can switch between (jun, jul) and (juni, juli) month spellings.

```
1797 \DTMdefboolkey{sr-Latn-BA}{monthi}[true]{}
```


The default is without the i suffix.

```
1798 \DTMsetbool{sr-Latn-BA}{monthi}{false}
```

Define a boolean key that determines if the day and month ordinals should have leading zeroes.

```
1799 \DTMdefboolkey{sr-Latn-BA}{leadingzero}[true]{}
```

The default is to omit the leading zero.

```
1800 \DTMsetbool{sr-Latn-BA}{leadingzero}{false}
```

`\DTMsrlatnBAdayordinal` Define the day ordinal format to be used by this style.

```
1801 \newcommand*{\DTMsrlatnBAdayordinal}[1]{%
1802 \DTMifbool{sr-Latn-BA}{leadingzero}%
1803 {\DTMtwodigits{#1}}%
1804 {\number#1}\DTMsrlatnBAdatesep}%
```

`\DTMsrlatnBAyearordinal` Define the year ordinal format to be used by this style.

```
1805 \newcommand*{\DTMsrlatnBAyearordinal}[1]{%
1806 \number#1}\DTMsrlatnBAdatesep}%
```

Define the month names.

`\DTMsrlatnBAnoimonthname`

```
1807 \newcommand*{\DTMsrlatnBAnoimonthname}{\DTMserbianlatnoimonthname}
```

`\DTMsrlatnBAoiMonthname`

```
1808 \newcommand*{\DTMsrlatnBAoiMonthname}{\DTMserbianlatnoiMonthname}
```

`\DTMsrlatnBAimonthname`

```
1809 \newcommand*{\DTMsrlatnBAimonthname}{\DTMserbianlatimonthname}
```

`\DTMsrlatnBAiMonthname`

```
1810 \newcommand*{\DTMsrlatnBAiMonthname}{\DTMserbianlatiMonthname}
```

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

```
1811 \DTMdefboolkey{sr-Latn-BA}{mapzone}[true]{}
```

The default is to use mappings.

```
1812 \DTMsetbool{sr-Latn-BA}{mapzone}{true}
```

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

```
1813 \DTMdefboolkey{sr-Latn-BA}{showdayofmonth}[true]{}
```

The default is to show the day of month.

```
1814 \DTMsetbool{sr-Latn-BA}{showdayofmonth}{true}
```

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

```
1815 \DTMdefboolkey{sr-Latn-BA}{showyear}[true]{}
```

The default is to show the year.

```
1816 \DTMsetbool{sr-Latn-BA}{showyear}{true}
```

```

i817 \DTMnewstyle%
i818 {sr-Latn-BA}% label
i819 {% date style
i820   \renewcommand*\DTMdisplaydate[4]{%
i821     \ifDTMshowdown%
i822       \ifnum##4>-1
i823         \DTMsrLatnBAweekdayname{##4}%
i824         \DTMsrLatnBADowdaysep%
i825       \fi
i826     \fi
i827     \DTMifbool{sr-Latn-BA}{showdayofmonth}
i828     {\DTMsrLatnBADayordinal{##3}\DTMsrLatnBADaymonthsep}%
i829     }%
i830     \DTMifbool{sr-Latn-BA}{monthi}%
i831     {\DTMsrLatnBAimonthname{##2}}%
i832     {\DTMsrLatnBAnoimonthname{##2}}%
i833     \DTMifbool{sr-Latn-BA}{showyear}%
i834     {%
i835       \DTMsrLatnBAmonthyearsep%
i836       \DTMsrLatnBAyearordinal{##1}%
i837     }%
i838   }%
i839 }%
i840 \renewcommand*\DTMdisplaydate[4]{%
i841   \ifDTMshowdown%
i842     \ifnum##4>-1
i843       \DTMsrLatnBAweekdayname{##4}%
i844       \DTMsrLatnBADowdaysep%
i845     \fi
i846   \fi
i847   \DTMifbool{sr-Latn-BA}{showdayofmonth}
i848   {%
i849     \DTMsrLatnBADayordinal{##3}\DTMsrLatnBADaymonthsep%
i850     \DTMifbool{sr-Latn-BA}{monthi}%
i851     {\DTMsrLatnBAimonthname{##2}}%
i852     {\DTMsrLatnBAnoimonthname{##2}}%
i853   }%
i854   {%
i855     \DTMifbool{sr-Latn-BA}{monthi}%
i856     {\DTMsrLatnBAimonthname{##2}}%
i857     {\DTMsrLatnBAnoimonthname{##2}}%
i858   }%
i859   \DTMifbool{sr-Latn-BA}{showyear}%
i860   {%
i861     \DTMsrLatnBAmonthyearsep%
i862     \DTMsrLatnBAyearordinal{##1}%
i863   }%
i864   }%
i865 }%
i866 }%
i867 {% time style
i868   \renewcommand*\DTMdisplaytime[3]{%
i869     \DTMifbool{sr-Latn-BA}{leadingzero}{\DTMtwodigits{##1}}{\number##1}%
i870     \DTMsrLatnBAtimesep\DTMtwodigits{##2}%
i871     \ifDTMshowseconds\DTMsrLatnBAtimesep\DTMtwodigits{##3}\fi

```

```

1872 }%
1873 }%
1874 {% zone style
1875 \DTMresetzones%
1876 \DTMsrLatnBAzonemaps%
1877 \renewcommand*{\DTMdisplayzone}[2]{%
1878 \DTMifbool{sr-Latn-BA}{mapzone}%
1879 {\DTMusedzonemapordefault{##1}{##2}}%
1880 {%
1881 \ifnum##1<0
1882 \else+\fi\DTMtwodigits{##1}%
1883 \ifDTMshowzoneminutes\DTMsrLatnBAtimesep\DTMtwodigits{##2}\fi
1884 }%
1885 }%
1886 }%
1887 {% full style
1888 \renewcommand*{\DTMdisplay}[9]{%
1889 \ifDTMshowdate%
1890 \DTMdisplaydate{##1}{##2}{##3}{##4}%
1891 \DTMsrLatnBAdateimesep%
1892 \fi
1893 \DTMdisplaytime{##5}{##6}{##7}%
1894 \ifDTMshowzone%
1895 \DTMsrLatnBAtimezonesep%
1896 \DTMdisplayzone{##8}{##9}%
1897 \fi
1898 }%
1899 \renewcommand*{\DTMdisplay}[9]{%
1900 \ifDTMshowdate%
1901 \DTMdisplaydate{##1}{##2}{##3}{##4}%
1902 \DTMsrLatnBAdateimesep%
1903 \fi
1904 \DTMdisplaytime{##5}{##6}{##7}%
1905 \ifDTMshowzone%
1906 \DTMsrLatnBAtimezonesep%
1907 \DTMdisplayzone{##8}{##9}%
1908 \fi
1909 }%
1910 }%

```

`\DTMsrLatnBAmoonthordinal` Define the month ordinal format to be used by this style.

```

1911 \newcommand*{\DTMsrLatnBAmoonthordinal}[1]{%
1912 \DTMifbool{sr-Latn-BA}{leadingzero}{\DTMtwodigits{##1}}{\number##1}.}%

```

Define a setting to switch between Arabic, uppercase Roman and lowercase smallcaps Roman month format for the srLatnBA-numeric style.

```

1913 \DTMdefchoicetkey{sr-Latn-BA}{monthord}%
1914 [\@dtm@val\@dtm@nr]{arabic,roman,romanlsc}{%
1915 \ifcase\@dtm@nr\relax
1916 \renewcommand*{\DTMsrLatnBAmoonthordinal}[1]{%
1917 \DTMifbool{sr-Latn-BA}{leadingzero}%
1918 {\DTMtwodigits{##1}}{\number##1}\DTMsrLatnBAdateimesep}%
1919 \or%
1920 \renewcommand*{\DTMsrLatnBAmoonthordinal}[1]{%
1921 \DTMtexorpdfstring{\protect\DTMserbianordinalROMAN{##1}}%

```

```

1922 {serbianordinalROMAN{##1}}}%
1923 \or%
1924 \renewcommand*\DTMSrLatnBAMonthordinal}[1]{%
1925 \DTMtexorpdfstring{\textsc{\protect\DTMserbianordinalroman{##1}}}%
1926 {serbianordinalROMAN{##1}}}%
1927 \fi
1928 }

```

Define numeric style.

```

1929 \DTMnewstyle%
1930 {sr-Latn-BA-numeric}% label
1931 {% date style
1932 \renewcommand*\DTMdisplaydate[4]{%
1933 \ifDTMshowdow%
1934 \ifnum##4>-1
1935 \DTMSrLatnBAweekdayname{##4}%
1936 \DTMSrLatnBADowdaysep%
1937 \fi
1938 \fi
1939 \DTMifbool{sr-Latn-BA}{showdayofmonth}%
1940 {\DTMSrLatnBAdayordinal{##3}\DTMSrLatnBAdaymonthsep}%
1941 }%
1942 \DTMSrLatnBAMonthordinal{##2}%
1943 \DTMifbool{sr-Latn-BA}{showyear}%
1944 {%
1945 \DTMSrLatnBAMonthyearsep%
1946 \DTMSrLatnBAyearordinal{##1}%
1947 }%
1948 }%
1949 }%
1950 \renewcommand*\DTMdisplaydate[4]{%
1951 \ifDTMshowdow%
1952 \ifnum##4>-1
1953 \DTMSrLatnBAweekdayname{##4}%
1954 \DTMSrLatnBADowdaysep%
1955 \fi
1956 \fi
1957 \DTMifbool{sr-Latn-BA}{showdayofmonth}%
1958 {\DTMSrLatnBAdayordinal{##3}\DTMSrLatnBAdaymonthsep}%
1959 }%
1960 \DTMSrLatnBAMonthordinal{##2}%
1961 \DTMifbool{sr-Latn-BA}{showyear}%
1962 {%
1963 \DTMSrLatnBAMonthyearsep%
1964 \DTMSrLatnBAyearordinal{##1}%
1965 }%
1966 }%
1967 }%
1968 }%
1969 {% time style
1970 \renewcommand*\DTMdisplaytime[3]{%
1971 \DTMifbool{sr-Latn-BA}{leadingzero}{\DTMtwdigits{##1}}{\number##1}%
1972 \DTMSrLatnBAtimesep\DTMtwdigits{##2}%
1973 \ifDTMshowseconds\DTMSrLatnBAtimesep\DTMtwdigits{##3}\fi
1974 }%
1975 }%

```

```

1976 {% zone style
1977   \DTMresetzones%
1978   \DTMSrLatnBAzonemaps%
1979   \renewcommand*{\DTMdisplayzone}[2]{%
1980     \DTMifbool{sr-Latn-BA}{mapzone}%
1981     {\DTMusedzonemapordefault{##1}{##2}}%
1982     {%
1983       \ifnum##1<0
1984       \else+\fi\DTMtwodigits{##1}%
1985       \ifDTMshowzoneminutes\DTMSrLatnBAtimesep\DTMtwodigits{##2}\fi
1986     }%
1987   }%
1988 }%
1989 {% full style
1990   \renewcommand*{\DTMdisplay}[9]{%
1991     \ifDTMshowdate%
1992       \DTMdisplaydate{##1}{##2}{##3}{##4}%
1993       \DTMSrLatnBAdateimesep%
1994       \fi
1995       \DTMdisplaytime{##5}{##6}{##7}%
1996       \ifDTMshowzone%
1997         \DTMSrLatnBAtimezonesep%
1998         \DTMdisplayzone{##8}{##9}%
1999       \fi
2000     }%
2001   \renewcommand*{\DTMdisplay}{\DTMdisplay}%
2002 }

```

\DTMSr-Latn-BAzonemaps The time zone mappings are set through this command, which can be redefined if extra mappings are required or mappings need to be removed.

```

2003 \newcommand*{\DTMSrLatnBAzonemaps}{%
2004   \DTMdefzonemap{01}{00}{CET}%
2005   \DTMdefzonemap{02}{00}{CEST}%
2006 }

```

Switch style according to the useregional setting.

```

2007 \DTMifcaseregional%
2008 {}% do nothing
2009 {\DTMsetstyle{sr-Latn-BA}}%
2010 {\DTMsetstyle{sr-Latn-BA-numeric}}%

```

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

```

2011 \ifcsundef{date\CurrentTrackedDialect}
2012 {%
2013   \ifundef\dateserbian%
2014   {% do nothing
2015   }%
2016   {%
2017     \def\dateserbian{%
2018       \DTMifcaseregional%
2019       {}% do nothing
2020       {\DTMsetstyle{sr-Latn-BA}}%
2021       {\DTMsetstyle{sr-Latn-BA-numeric}}%
2022     }%

```

```

2023 }%
2024 }%
2025 {%
2026 \csdef{date\CurrentTrackedDialect}{%
2027 \DTMifcaseregional%
2028 }% do nothing

2029 {\DTMsetstyle{serbian}}%
2030 {\DTMsetstyle{serbian-numeric}}%
2031 }%
2032 }%

```

2.9 Serbian serbianc Code (datetime2-serbianc.1df)

```
2033 \ProvidesDateTimeModule{serbianc}[2019/11/11 v2.0.1]
```

Load base Serbian module.

```
2034 \RequireDateTimeModule{serbian-base}
```

2.9.1 Defining the serbianc style

Allow the user a way of configuring the serbianc and serbianc-numeric styles by providing macros for various format elements.

This doesn't use the package-wide separators such as `\dtm@datetimesep` in case other date formats are also required.

`\DTMserbiancdowdaysep` The separator between weekday and day.

```
2035 \newcommand*{\DTMserbiancdowdaysep}{, \space}
```

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

```

2036 \newcommand*{\DTMserbiancdaymonthsep}{%
2037 \DTMtexorpdfstring{\protect~}{\space}%
2038 }

```

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

```
2039 \newcommand*{\DTMserbiancmonthyearsep}{\space}
```

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

```
2040 \newcommand*{\DTMserbiancdatetimesep}{\space}
```

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

```
2041 \newcommand*{\DTMserbianctimezonesep}{\space}
```

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

```
2042 \newcommand*{\DTMserbiancdatesep}{.}
```

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

```
2043 \newcommand*{\DTMserbianctimesep}{.}
```

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

```

2044 \DTMdefkey{serbianc}{dowdaysep}%
2045 {\renewcommand*{\DTMserbiancdowdaysep}{#1}}
2046 \DTMdefkey{serbianc}{daymonthsep}%
2047 {\renewcommand*{\DTMserbiancdaymonthsep}{#1}}

```

```

2048 \DTMdefkey{serbianc}{monthyearsep}%
2049     {\renewcommand*{\DTMserbiancmonthyearsep}{#1}}
2050 \DTMdefkey{serbianc}{datetimesep}%
2051     {\renewcommand*{\DTMserbiancdatetimesep}{#1}}
2052 \DTMdefkey{serbianc}{timezonesep}%
2053     {\renewcommand*{\DTMserbianctimezonesep}{#1}}
2054 \DTMdefkey{serbianc}{datesep}%
2055     {\renewcommand*{\DTMserbiancdatesep}{#1}}
2056 \DTMdefkey{serbianc}{timesep}%
2057     {\renewcommand*{\DTMserbianctimesep}{#1}}

```

2.9.2 Switches and settings

`\DTMserbiancweekdayname` Define the weekday name, lowercase.

```

2058 \newcommand*{\DTMserbiancweekdayname}%
2059 {\DTMserbiancyrekweekdayname}

```

`\DTMserbiancWeekdayname` Define the weekday name, capitalized.

```

2060 \newcommand*{\DTMserbiancWeekdayname}%
2061     {\DTMserbiancyrekWeekdayname}

```

Provide a way to switch between Ekavian and Ijekavian pronunciation.

```

2062 \DTMdefchoicekey{serbianc}%
2063     {pronunciation}[\@dtm@val\@dtm@nr]{ekavian,ijekavian}{%
2064     \ifcase\@dtm@nr\relax
2065     \renewcommand*{\DTMserbiancweekdayname}%
2066         {\DTMserbiancyrekweekdayname}%
2067     \renewcommand*{\DTMserbiancWeekdayname}%
2068         {\DTMserbiancyrekWeekdayname}%
2069     \or%
2070     \renewcommand*{\DTMserbiancweekdayname}%
2071         {\DTMserbiancyrijweekdayname}%
2072     \renewcommand*{\DTMserbiancWeekdayname}%
2073         {\DTMserbiancyrijWeekdayname}%
2074     \fi
2075 }

```

Define a boolean key that can switch between (jun, jul) and (juni, juli) month spellings.

```

2076 \DTMdefboolkey{serbianc}{monthi}[true]{ }

```

The default is without the *i* suffix.

```

2077 \DTMsetbool{serbianc}{monthi}{false}

```

Define a boolean key that determines if the day and month ordinals should have leading zeroes.

```

2078 \DTMdefboolkey{serbianc}{leadingzero}[true]{ }

```

The default is to omit the leading zero.

```

2079 \DTMsetbool{serbianc}{leadingzero}{false}

```

`\DTMserbiancdayordinal` Define the day ordinal format to be used by this style.

```

2080 \newcommand*{\DTMserbiancdayordinal}[1]{%
2081     \DTMifbool{serbianc}{leadingzero}%
2082     {\DTMtwdigits{#1}}%
2083     {\number#1}\DTMserbiancdatesep}%

```

`\DTMserbianyearordinal` Define the year ordinal format to be used by this style.

```
2084 \newcommand*{\DTMserbianyearordinal}[1]{%
2085 \number#1\DTMserbiancdatesep}%
```

Define the month names.

`\DTMserbiancnoimonthname`

```
2086 \newcommand*{\DTMserbiancnoimonthname}{\DTMserbiancyrnoimonthname}
```

`\DTMserbiancnoiMonthname`

```
2087 \newcommand*{\DTMserbiancnoiMonthname}{\DTMserbiancyrnoiMonthname}
```

`\DTMserbiancimonthname`

```
2088 \newcommand*{\DTMserbiancimonthname}{\DTMserbiancyrmonthname}
```

`\DTMserbianciMonthname`

```
2089 \newcommand*{\DTMserbianciMonthname}{\DTMserbiancyrMonthname}
```

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

```
2090 \DTMdefboolkey{serbianc}{mapzone}[true]{}
```

The default is to use mappings.

```
2091 \DTMsetbool{serbianc}{mapzone}{true}
```

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

```
2092 \DTMdefboolkey{serbianc}{showdayofmonth}[true]{}
```

The default is to show the day of month.

```
2093 \DTMsetbool{serbianc}{showdayofmonth}{true}
```

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

```
2094 \DTMdefboolkey{serbianc}{showyear}[true]{}
```

The default is to show the year.

```
2095 \DTMsetbool{serbianc}{showyear}{true}
```

```
2096 \DTMnewstyle%
```

```
2097 {serbianc}% label
```

```
2098 {% date style
```

```
2099 \renewcommand*{\DTMdisplaydate[4]}%
```

```
2100 \ifDTMshowdow%
```

```
2101 \ifnum##4>-1
```

```
2102 \DTMserbiancweekdayname{##4}%
```

```
2103 \DTMserbiancdowdaysep%
```

```
2104 \fi
```

```
2105 \fi
```

```
2106 \DTMifbool{serbianc}{showdayofmonth}
```

```
{\DTMserbiancdayordinal{##3}\DTMserbiancdaymonthsep}%
```

```
2108 }%
```

```
2109 \DTMifbool{serbianc}{monthi}%
```

```
{\DTMserbiancimonthname{##2}}%
```

```
{\DTMserbiancnoimonthname{##2}}%
```

```
2112 \DTMifbool{serbianc}{showyear}%
```

```
2113 {%
```

```
2114 \DTMserbiancmonthyearsep%
```

```
2115 \DTMserbiancyearordinal{##1}%
```



```

2116 }%
2117 {}%
2118 }%
2119 \renewcommand*\DTMDisplaydate[4]{%
2120 \ifDTMshowdow%
2121 \ifnum##4>-1
2122 \DTMserbianWeekdayname{##4}%
2123 \DTMserbiancdowdaysep%
2124 \fi
2125 \fi
2126 \DTMifbool{serbianc}{showdayofmonth}
2127 {%
2128 \DTMserbiancdayordinal{##3}\DTMserbiancdaymonthsep%
2129 \DTMifbool{serbianc}{monthi}%
2130 {\DTMserbiancmonthname{##2}}%
2131 {\DTMserbiancnoimonthname{##2}}%
2132 }%
2133 {%
2134 \DTMifbool{serbianc}{monthi}%
2135 {\DTMserbianciMonthname{##2}}%
2136 {\DTMserbiancnoiMonthname{##2}}%
2137 }%
2138 \DTMifbool{serbianc}{showyear}%
2139 {%
2140 \DTMserbiancmonthyearsep%
2141 \DTMserbiancyearordinal{##1}%
2142 }%
2143 {}%
2144 }%
2145 }%
2146 {% time style
2147 \renewcommand*\DTMdisplaytime[3]{%
2148 \DTMifbool{serbianc}{leadingzero}{\DTMtwodigits{##1}}{\number##1}%
2149 \DTMserbianctimesep\DTMtwodigits{##2}%
2150 \ifDTMshowseconds\DTMserbianctimesep\DTMtwodigits{##3}\fi
2151 }%
2152 }%
2153 {% zone style
2154 \DTMresetzones%
2155 \DTMserbianczonemaps%
2156 \renewcommand*\DTMdisplayzone[2]{%
2157 \DTMifbool{serbianc}{mapzone}%
2158 {\DTMusedzonemapordefault{##1}{##2}}%
2159 {%
2160 \ifnum##1<0
2161 \else+\fi\DTMtwodigits{##1}%
2162 \ifDTMshowzoneminutes\DTMserbianctimesep\DTMtwodigits{##2}\fi
2163 }%
2164 }%
2165 }%
2166 {% full style
2167 \renewcommand*\DTMdisplay}[9]{%
2168 \ifDTMshowdate%
2169 \DTMdisplaydate{##1}{##2}{##3}{##4}%
2170 \DTMserbiancdatetimesep%

```

```

2171 \fi
2172 \DTMdisplaytime{##5}{##6}{##7}%
2173 \ifDTMshowzone%
2174 \DTMserbiantimezonesep%
2175 \DTMdisplayzone{##8}{##9}%
2176 \fi
2177 }%
2178 \renewcommand*\DTMDisplay}[9]{%
2179 \ifDTMshowdate%
2180 \DTMdisplaydate{##1}{##2}{##3}{##4}%
2181 \DTMserbiancdatetimesep%
2182 \fi
2183 \DTMdisplaytime{##5}{##6}{##7}%
2184 \ifDTMshowzone%
2185 \DTMserbiantimezonesep%
2186 \DTMdisplayzone{##8}{##9}%
2187 \fi
2188 }%
2189 }%

```

`\DTMserbiancmonthordinal` Define the month ordinal format to be used by this style.

```

2190 \newcommand*\DTMserbiancmonthordinal}[1]{%
2191 \DTMifbool{serbianc}{leadingzero}{\DTMtwodigits{##1}}{\number##1}.}%

```

Define a setting to switch between Arabic, uppercase Roman and lowercase smallcaps Roman month format for the serbianc-numeric style.

```

2192 \DTMdefchoicekey{serbianc}{monthord}%
2193 [\@dtm@val\@dtm@nr]{arabic,roman,romanlsc}{%
2194 \ifcase\@dtm@nr\relax
2195 \renewcommand*\DTMserbiancmonthordinal}[1]{%
2196 \DTMifbool{serbianc}{leadingzero}%
2197 {\DTMtwodigits{##1}}{\number##1}\DTMserbiancdatesep}%
2198 \or%
2199 \renewcommand*\DTMserbiancmonthordinal}[1]{%
2200 \DTMtexorpdfstring{\protect\DTMserbianordinalROMAN{##1}}%
2201 {serbianordinalROMAN{##1}}}%
2202 \or%
2203 \renewcommand*\DTMserbiancmonthordinal}[1]{%
2204 \DTMtexorpdfstring{\textsc{\protect\DTMserbianordinalroman{##1}}}%
2205 {serbianordinalROMAN{##1}}}%
2206 \fi
2207 }

```

Define numeric style.

```

2208 \DTMnewstyle%
2209 {serbianc-numeric}% label
2210 {% date style
2211 \renewcommand*\DTMdisplaydate[4]{%
2212 \ifDTMshowdow%
2213 \ifnum##4>-1
2214 \DTMserbiancweekdayname{##4}%
2215 \DTMserbiancdowdaysep%
2216 \fi
2217 \fi
2218 \DTMifbool{serbianc}{showdayofmonth}%

```

```

2219   {\DTMserbiancdayordinal{##3}\DTMserbiancdaymonthsep}%
2220   }%
2221   \DTMserbiancmonthordinal{##2}%
2222   \DTMifbool{serbianc}{showyear}%
2223   {%
2224     \DTMserbiancmonthyearsep%
2225     \DTMserbiancyearordinal{##1}%
2226   }%
2227   }%
2228 }%
2229 \renewcommand*\DTMdisplaydate[4]{%
2230   \ifDTMshowdow%
2231     \ifnum##4>-1
2232       \DTMserbiancWeekdayname{##4}%
2233       \DTMserbiancdowdaysep%
2234     \fi
2235   \fi
2236   \DTMifbool{serbianc}{showdayofmonth}%
2237   {\DTMserbiancdayordinal{##3}\DTMserbiancdaymonthsep}%
2238   }%
2239   \DTMserbiancmonthordinal{##2}%
2240   \DTMifbool{serbianc}{showyear}%
2241   {%
2242     \DTMserbiancmonthyearsep%
2243     \DTMserbiancyearordinal{##1}%
2244   }%
2245   }%
2246 }%
2247 }%
2248 {% time style
2249   \renewcommand*\DTMdisplaytime[3]{%
2250     \DTMifbool{serbianc}{leadingzero}{\DTMtwodigits{##1}}{\number##1}%
2251     \DTMserbianctimesep\DTMtwodigits{##2}%
2252     \ifDTMshowseconds\DTMserbianctimesep\DTMtwodigits{##3}\fi
2253   }%
2254 }%
2255 {% zone style
2256   \DTMresetzones%
2257   \DTMserbianczonemaps%
2258   \renewcommand*\DTMdisplayzone[2]{%
2259     \DTMifbool{serbianc}{mapzone}%
2260     {\DTMusedzonemapordefault{##1}{##2}}%
2261     {%
2262       \ifnum##1<0
2263         \else+\fi\DTMtwodigits{##1}%
2264       \ifDTMshowzoneminutes\DTMserbianctimesep\DTMtwodigits{##2}\fi
2265     }%
2266   }%
2267 }%
2268 {% full style
2269   \renewcommand*\DTMdisplay}[9]{%
2270     \ifDTMshowdate%
2271       \DTMdisplaydate{##1}{##2}{##3}{##4}%
2272       \DTMserbiancdateimesep%
2273     \fi

```

```

2274 \DTMdisplaytime{##5}{##6}{##7}%
2275 \ifDTMshowzone%
2276 \DTMserbianctimezonesep%
2277 \DTMdisplayzone{##8}{##9}%
2278 \fi
2279 }%
2280 \renewcommand*{\DTMDisplay}{\DTMdisplay}%
2281 }

```

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

```

2282 \newcommand*{\DTMserbianczonemaps}{%
2283 \DTMdefzonemap{01}{00}{CET}%
2284 \DTMdefzonemap{02}{00}{CEST}%
2285 }

```

Switch style according to the `userregional` setting.

```

2286 \DTMifcaseregional%
2287 {}% do nothing
2288 {\DTMsetstyle{serbianc}}%
2289 {\DTMsetstyle{serbianc-numeric}}%

```

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

```

2290 \ifcsundef{date\CurrentTrackedDialect}
2291 {%
2292 \ifundef\dateserbianc%
2293 {% do nothing
2294 }%
2295 {%
2296 \def\dateserbianc{%
2297 \DTMifcaseregional%
2298 {}% do nothing
2299 {\DTMsetstyle{serbianc}}%
2300 {\DTMsetstyle{serbianc-numeric}}%
2301 }%
2302 }%
2303 }%
2304 {%
2305 \csdef{date\CurrentTrackedDialect}{%
2306 \DTMifcaseregional%
2307 {}% do nothing
2308 {\DTMsetstyle{serbianc}}%
2309 {\DTMsetstyle{serbianc-numeric}}%
2310 }%
2311 }%

```

2.10 Serbian sr-Cyrl Code (datetime2-sr-Cyrl.1df)

```

2312 \ProvidesDateTimeModule{sr-Cyrl}[2019/11/11 v2.0.1]

```

Load appropriate regionless Serbian module.

```

2313 \RequireDateTimeModule{serbianc}

```

2.10.1 Defining the sr-Cyrl style

Allow the user a way of configuring the sr-Cyrl and sr-Cyrl-numeric styles by providing macros for various format elements.

This doesn't use the package-wide separators such as `\dtm@date\time\sep` in case other date formats are also required.

`\DTMsrCyrldowdaysep` The separator between weekday and day.
2314 `\newcommand*\DTMsrCyrldowdaysep}{, \space}`

`\DTMsrCyrldaymonthsep` The separator between the day and month for the text format.
2315 `\newcommand*\DTMsrCyrldaymonthsep}{%`
2316 `\DTMtexorpdfstring{\protect~}{\space}%`
2317 `}`

`\DTMsrCyr1monthyearsep` The separator between the month and year for the text format.
2318 `\newcommand*\DTMsrCyr1monthyearsep}{\space}`

`\DTMsrCyrldatetimesep` The separator between the date and time blocks in the full format (either text or numeric).
2319 `\newcommand*\DTMsrCyrldatetimesep}{\space}`

`\DTMsrCyr1timezonesep` The separator between the time and zone blocks in the full format (either text or numeric).
2320 `\newcommand*\DTMsrCyr1timezonesep}{\space}`

`\DTMsrCyrldatesep` The separator for the numeric date format.
2321 `\newcommand*\DTMsrCyrldatesep}{.}`

`\DTMsrCyr1timesep` The separator for the numeric time format.
2322 `\newcommand*\DTMsrCyr1timesep}{.}`

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

```
2323 \DTMdefkey{sr-Cyrl}{dowdaysep}%
2324   {\renewcommand*\DTMsr-Cyrldowdaysep}{#1}}
2325 \DTMdefkey{sr-Cyrl}{daymonthsep}%
2326   {\renewcommand*\DTMsr-Cyrldaymonthsep}{#1}}
2327 \DTMdefkey{sr-Cyrl}{monthyearsep}%
2328   {\renewcommand*\DTMsr-Cyr1monthyearsep}{#1}}
2329 \DTMdefkey{sr-Cyrl}{datetimesep}%
2330   {\renewcommand*\DTMsr-Cyrldatetimesep}{#1}}
2331 \DTMdefkey{sr-Cyrl}{timezonesep}%
2332   {\renewcommand*\DTMsr-Cyr1timezonesep}{#1}}
2333 \DTMdefkey{sr-Cyrl}{datesep}%
2334   {\renewcommand*\DTMsr-Cyrldatesep}{#1}}
2335 \DTMdefkey{sr-Cyrl}{timesep}%
2336   {\renewcommand*\DTMsr-Cyr1timesep}{#1}}
```

2.10.2 Switches and settings

`\DTMsrCyr1weekdayname` Define the weekday name, lowercase.
2337 `\newcommand*\DTMsrCyr1weekdayname}%`
2338 `{\DTMserbiancyrekweekdayname}`

`\DTMsrCyr1weekdayname` Define the weekday name, capitalized.

```
2339 \newcommand*{\DTMsrCyr1Weekdayname}%  
2340     {\DTMserbiancyrekWeekdayname}
```

Provide a way to switch between Ekavian and Ijekavian pronunciation.

```
2341 \DTMdefchoicakey{sr-Cyrl}%  
2342     {pronunciation}[\@dtm@val\@dtm@nr]{ekavian,ijekavian}{%  
2343     \ifcase\@dtm@nr\relax  
2344     \renewcommand*{\DTMsrCyr1weekdayname}%  
2345         {\DTMserbiancyrekweekdayname}%  
2346     \renewcommand*{\DTMsrCyr1Weekdayname}%  
2347         {\DTMserbiancyrekWeekdayname}%  
2348     \or%  
2349     \renewcommand*{\DTMsrCyr1weekdayname}%  
2350         {\DTMserbiancyrijweekdayname}%  
2351     \renewcommand*{\DTMsrCyr1Weekdayname}%  
2352         {\DTMserbiancyrijWeekdayname}%  
2353     \fi  
2354 }
```

Define a boolean key that can switch between (jun, jul) and (juni, juli) month spellings.

```
2355 \DTMdefboolkey{sr-Cyrl}{monthi}[true]{}
```

The default is without the i suffix.

```
2356 \DTMsetbool{sr-Cyrl}{monthi}{false}
```

Define a boolean key that determines if the day and month ordinals should have leading zeroes.

```
2357 \DTMdefboolkey{sr-Cyrl}{leadingzero}[true]{}
```

The default is to omit the leading zero.

```
2358 \DTMsetbool{sr-Cyrl}{leadingzero}{false}
```

`\DTMsrCyr1dayordinal` Define the day ordinal format to be used by this style.

```
2359     \newcommand*{\DTMsrCyr1dayordinal}[1]{%  
2360         \DTMifbool{sr-Cyrl}{leadingzero}%  
2361         {\DTMtwdigits{#1}}%  
2362         {\number#1}\DTMsrCyr1datesep}%
```

`\DTMsrCyr1yearordinal` Define the year ordinal format to be used by this style.

```
2363     \newcommand*{\DTMsrCyr1yearordinal}[1]{%  
2364         \number#1\DTMsrCyr1datesep}%
```

Define the month names.

`\DTMsrCyr1noimonthname`

```
2365 \newcommand*{\DTMsrCyr1noimonthname}{\DTMserbiancyrnoimonthname}
```

`\DTMsrCyr1noiMonthname`

```
2366 \newcommand*{\DTMsrCyr1noiMonthname}{\DTMserbiancyrnoiMonthname}
```

`\DTMsrCyr1imonthname`

```
2367 \newcommand*{\DTMsrCyr1imonthname}{\DTMserbiancyrimonthname}
```

`\DTMsrCyr1iMonthname`

```
2368 \newcommand*{\DTMsrCyr1iMonthname}{\DTMserbiancyriMonthname}
```

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

```
2369 \DTMdefboolkey{sr-Cyrl}{mapzone}[true]{}
```

The default is to use mappings.

```
2370 \DTMsetbool{sr-Cyrl}{mapzone}{true}
```

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

```
2371 \DTMdefboolkey{sr-Cyrl}{showdayofmonth}[true]{}
```

The default is to show the day of month.

```
2372 \DTMsetbool{sr-Cyrl}{showdayofmonth}{true}
```

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

```
2373 \DTMdefboolkey{sr-Cyrl}{showyear}[true]{}
```

The default is to show the year.

```
2374 \DTMsetbool{sr-Cyrl}{showyear}{true}
```

```
2375 \DTMnewstyle%
```

```
2376 {sr-Cyrl}% label
```

```
2377 {% date style
```

```
2378 \renewcommand*\DTMdisplaydate[4]{%
```

```
2379 \ifDTMshowdow%
```

```
2380 \ifnum##4>-1
```

```
2381 \DTMsrCyrllweekdayname{##4}%
```

```
2382 \DTMsrCyrldowdaysep%
```

```
2383 \fi
```

```
2384 \fi
```

```
2385 \DTMifbool{sr-Cyrl}{showdayofmonth}
```

```
2386 {\DTMsrCyrldayordinal{##3}\DTMsrCyrldaymonthsep}%
```

```
2387 }%
```

```
2388 \DTMifbool{sr-Cyrl}{monthi}%
```

```
2389 {\DTMsrCyrllmonthname{##2}}%
```

```
2390 {\DTMsrCyrllnoimonthname{##2}}%
```

```
2391 \DTMifbool{sr-Cyrl}{showyear}%
```

```
2392 {%
```

```
2393 \DTMsrCyrllmonthyearsep%
```

```
2394 \DTMsrCyrllyearordinal{##1}%
```

```
2395 }%
```

```
2396 }%
```

```
2397 }%
```

```
2398 \renewcommand*\DTMdisplaydate[4]{%
```

```
2399 \ifDTMshowdow%
```

```
2400 \ifnum##4>-1
```

```
2401 \DTMsrCyrllWeekdayname{##4}%
```

```
2402 \DTMsrCyrldowdaysep%
```

```
2403 \fi
```

```
2404 \fi
```

```
2405 \DTMifbool{sr-Cyrl}{showdayofmonth}
```

```
2406 {%
```

```
2407 \DTMsrCyrldayordinal{##3}\DTMsrCyrldaymonthsep%
```

```
2408 \DTMifbool{sr-Cyrl}{monthi}%
```

```
2409 {\DTMsrCyrllmonthname{##2}}%
```

```
2410 {\DTMsrCyrllnoimonthname{##2}}%
```

```
2411 }%
```

```
2412 {%
```

```
2413 \DTMifbool{sr-Cyrl}{monthi}%
```

```

2414         {\DTMsrCyrliMonthname{##2}}%
2415         {\DTMsrCyrlnoiMonthname{##2}}%
2416     }%
2417     \DTMifbool{sr-Cyrl}{showyear}%
2418     {%
2419         \DTMsrCyrllmonthyearsep%
2420         \DTMsrCyrlyearordinal{##1}%
2421     }%
2422     }%
2423 }%
2424 }%
2425 {% time style
2426     \renewcommand*\DTMdisplaytime[3]{%
2427         \DTMifbool{sr-Cyrl}{leadingzero}{\DTMtwodigits{##1}}{\number##1}%
2428         \DTMsrCyrlltimesep\DTMtwodigits{##2}%
2429         \ifDTMshowseconds\DTMsrCyrlltimesep\DTMtwodigits{##3}\fi
2430     }%
2431 }%
2432 {% zone style
2433     \DTMresetzones%
2434     \DTMsrCyrllzonemaps%
2435     \renewcommand*\DTMdisplayzone[2]{%
2436         \DTMifbool{sr-Cyrl}{mapzone}%
2437         {\DTMusedzonemapordefault{##1}{##2}}%
2438     {%
2439         \ifnum##1<0
2440         \else+\fi\DTMtwodigits{##1}%
2441         \ifDTMshowzoneminutes\DTMsrCyrlltimesep\DTMtwodigits{##2}\fi
2442     }%
2443 }%
2444 }%
2445 {% full style
2446     \renewcommand*\DTMdisplay[9]{%
2447         \ifDTMshowdate%
2448             \DTMdisplaydate{##1}{##2}{##3}{##4}%
2449             \DTMsrCyrllatetimesep%
2450         \fi
2451         \DTMdisplaytime{##5}{##6}{##7}%
2452         \ifDTMshowzone%
2453             \DTMsrCyrlltimezonesep%
2454             \DTMdisplayzone{##8}{##9}%
2455         \fi
2456     }%
2457     \renewcommand*\DTMDisplay[9]{%
2458         \ifDTMshowdate%
2459             \DTMDisplaydate{##1}{##2}{##3}{##4}%
2460             \DTMsrCyrllatetimesep%
2461         \fi
2462         \DTMDisplaytime{##5}{##6}{##7}%
2463         \ifDTMshowzone%
2464             \DTMsrCyrlltimezonesep%
2465             \DTMDisplayzone{##8}{##9}%
2466         \fi
2467     }%
2468 }%

```


`\DTMsrCyr1monthordinal` Define the month ordinal format to be used by this style.

```
2469 \newcommand*{\DTMsrCyr1monthordinal}[1]{%
2470 \DTMifbool{sr-Cyr1}{leadingzero}{\DTMtwodigits{#1}}{\number#1}.}%
```

Define a setting to switch between Arabic, uppercase Roman and lowercase smallcaps Roman month format for the `srCyr1`-numeric style.

```
2471 \DTMdefchoicekey{sr-Cyr1}{monthord}%
2472 [\@dtm@val\@dtm@nr]{arabic,roman,romanlsc}{%
2473 \ifcase\@dtm@nr\relax
2474 \renewcommand*{\DTMsrCyr1monthordinal}[1]{%
2475 \DTMifbool{sr-Cyr1}{leadingzero}%
2476 {\DTMtwodigits{##1}}{\number##1}\DTMsrCyr1datesep}%
2477 \or%
2478 \renewcommand*{\DTMsrCyr1monthordinal}[1]{%
2479 \DTMtexorpdfstring{\protect\DTMserbianordinalROMAN{##1}}%
2480 {serbianordinalROMAN{##1}}}%
2481 \or%
2482 \renewcommand*{\DTMsrCyr1monthordinal}[1]{%
2483 \DTMtexorpdfstring{\textsc{\protect\DTMserbianordinalroman{##1}}}%
2484 {serbianordinalROMAN{##1}}}%
2485 \fi
2486 }
```

Define numeric style.

```
2487 \DTMnewstyle%
2488 {sr-Cyr1-numeric}% label
2489 {% date style
2490 \renewcommand*{\DTMdisplaydate[4]}{%
2491 \ifDTMshowdow%
2492 \ifnum##4>-1
2493 \DTMsrCyr1weekdayname{##4}%
2494 \DTMsrCyr1dowdaysep%
2495 \fi
2496 \fi
2497 \DTMifbool{sr-Cyr1}{showdayofmonth}%
2498 {\DTMsrCyr1dayordinal{##3}\DTMsrCyr1daymonthsep}%
2499 {}%
2500 \DTMsrCyr1monthordinal{##2}%
2501 \DTMifbool{sr-Cyr1}{showyear}%
2502 {%
2503 \DTMsrCyr1monthyearsep%
2504 \DTMsrCyr1yearordinal{##1}%
2505 }%
2506 {}%
2507 }%
2508 \renewcommand*{\DTMdisplaydate[4]}{%
2509 \ifDTMshowdow%
2510 \ifnum##4>-1
2511 \DTMsrCyr1Weekdayname{##4}%
2512 \DTMsrCyr1dowdaysep%
2513 \fi
2514 \fi
2515 \DTMifbool{sr-Cyr1}{showdayofmonth}%
2516 {\DTMsrCyr1dayordinal{##3}\DTMsrCyr1daymonthsep}%
2517 {}%
```

```

2518 \DTMsrCyrllmonthordinal{##2}%
2519 \DTMifbool{sr-Cyrl}{showyear}%
2520 {%
2521 \DTMsrCyrllmonthyearsep%
2522 \DTMsrCyrlyearordinal{##1}%
2523 }%
2524 {}%
2525 }%
2526 }%
2527 {% time style
2528 \renewcommand*\DTMdisplaytime[3]{%
2529 \DTMifbool{sr-Cyrl}{leadingzero}{\DTMtwodigits{##1}}{\number##1}%
2530 \DTMsrCyrlltimesep\DTMtwodigits{##2}%
2531 \ifDTMshowseconds\DTMsrCyrlltimesep\DTMtwodigits{##3}\fi
2532 }%
2533 }%
2534 {% zone style
2535 \DTMresetzones%
2536 \DTMsrCyrllzonemaps%
2537 \renewcommand*\DTMdisplayzone[2]{%
2538 \DTMifbool{sr-Cyrl}{mapzone}%
2539 {\DTMusedzonemapordefault{##1}{##2}}%
2540 {%
2541 \ifnum##1<0
2542 \else+\fi\DTMtwodigits{##1}%
2543 \ifDTMshowzoneminutes\DTMsrCyrlltimesep\DTMtwodigits{##2}\fi
2544 }%
2545 }%
2546 }%
2547 {% full style
2548 \renewcommand*\DTMdisplay[9]{%
2549 \ifDTMshowdate%
2550 \DTMdisplaydate{##1}{##2}{##3}{##4}%
2551 \DTMsrCyrllatetimesep%
2552 \fi
2553 \DTMdisplaytime{##5}{##6}{##7}%
2554 \ifDTMshowzone%
2555 \DTMsrCyrlltimezonesep%
2556 \DTMdisplayzone{##8}{##9}%
2557 \fi
2558 }%
2559 \renewcommand*\DTMdisplay{\DTMdisplay}%
2560 }

```

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

```

2561 \newcommand*\DTMsrCyrllzonemaps{%
2562 \DTMdefzonemap{01}{00}{CET}%
2563 \DTMdefzonemap{02}{00}{CEST}%
2564 }

```

Switch style according to the useregional setting.

```

2565 \DTMifcaseregional%
2566 }% do nothing
2567 {\DTMsetstyle{sr-Cyrl}}%

```

```

2568 {\DTMsetstyle{sr-Cyrl-numeric}}%
    Redefine \dateserbianc (or \date<dialect>) to prevent babel from resetting \today. (For
    this to work, babel must already have been loaded if it's required.)
2569 \ifcsundef{date\CurrentTrackedDialect}
2570 {%
2571   \ifundef\dateserbianc%
2572   {% do nothing
2573   }%
2574   {%
2575     \def\dateserbianc{%
2576       \DTMifcaseregional%
2577       }% do nothing
2578       {\DTMsetstyle{sr-Cyrl}}%
2579       {\DTMsetstyle{sr-Cyrl-numeric}}%
2580     }%
2581   }%
2582 }%
2583 {%
2584   \csdef{date\CurrentTrackedDialect}{%
2585     \DTMifcaseregional%
2586     }% do nothing
2587     {\DTMsetstyle{serbianc}}%
2588     {\DTMsetstyle{serbianc-numeric}}%
2589   }%
2590 }%

```

2.11 Serbian sr-Cyrl-RS Code (datetime2-sr-Cyrl-RS.1df)

```

2591 \ProvidesDateTimeModule{sr-Cyrl-RS}[2019/11/11 v2.0.1]

```

Load appropriate regionless Serbian module.

```

2592 \RequireDateTimeModule{serbianc}

```

2.11.1 Defining the sr-Cyrl-RS style

Allow the user a way of configuring the sr-Cyrl-RS and sr-Cyrl-RS-numeric styles by providing macros for various format elements.

This doesn't use the package-wide separators such as `\dtm@datetimesep` in case other date formats are also required.

`\DTMsrCyr1RSdowdaysep` The separator between weekday and day.

```

2593 \newcommand*{\DTMsrCyr1RSdowdaysep}{, \space}

```

`\DTMsrCyr1RSdaymonthsep` The separator between the day and month for the text format.

```

2594 \newcommand*{\DTMsrCyr1RSdaymonthsep}{%
2595   \DTMtexpdfstring{\protect~}{\space}%
2596 }

```

`\DTMsrCyr1RSmonthyearsep` The separator between the month and year for the text format.

```

2597 \newcommand*{\DTMsrCyr1RSmonthyearsep}{\space}

```

`\DTMsrCyr1RSdatetimesep` The separator between the date and time blocks in the full format (either text or numeric).

```

2598 \newcommand*{\DTMsrCyr1RSdatetimesep}{\space}

```

`\DTMsrCyr1RStimezonesep` The separator between the time and zone blocks in the full format (either text or numeric).
 2599 `\newcommand*\DTMsrCyr1RStimezonesep}{\space}`

`\DTMsrCyr1RSdatesep` The separator for the numeric date format.
 2600 `\newcommand*\DTMsrCyr1RSdatesep}{.}`

`\DTMsrCyr1RStimesep` The separator for the numeric time format.
 2601 `\newcommand*\DTMsrCyr1RStimesep}{.}`

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

```

2602 \DTMdefkey{sr-Cyr1-RS}{dowdaysep}%
2603     {\renewcommand*\DTMsr-Cyr1-RSdowdaysep}{#1}}
2604 \DTMdefkey{sr-Cyr1-RS}{daymonthsep}%
2605     {\renewcommand*\DTMsr-Cyr1-RSdaymonthsep}{#1}}
2606 \DTMdefkey{sr-Cyr1-RS}{monthyearsep}%
2607     {\renewcommand*\DTMsr-Cyr1-RSmthyearsep}{#1}}
2608 \DTMdefkey{sr-Cyr1-RS}{datetimesep}%
2609     {\renewcommand*\DTMsr-Cyr1-RSdatetimesep}{#1}}
2610 \DTMdefkey{sr-Cyr1-RS}{timezonesep}%
2611     {\renewcommand*\DTMsr-Cyr1-RStimezonesep}{#1}}
2612 \DTMdefkey{sr-Cyr1-RS}{datesep}%
2613     {\renewcommand*\DTMsr-Cyr1-RSdatesep}{#1}}
2614 \DTMdefkey{sr-Cyr1-RS}{timesep}%
2615     {\renewcommand*\DTMsr-Cyr1-RStimesep}{#1}}
  
```

2.11.2 Switches and settings

`\DTMsrCyr1RSweekdayname` Define the weekday name, lowercase.
 2616 `\newcommand*\DTMsrCyr1RSweekdayname}%`
 2617 `{\DTMserbiancyrijweekdayname}`

`\DTMsrCyr1RSweekdayname` Define the weekday name, capitalized.
 2618 `\newcommand*\DTMsrCyr1RSweekdayname}%`
 2619 `{\DTMserbiancyrijWeekdayname}`

Provide a way to switch between Ekavian and Ijekavian pronunciation.

```

2620 \DTMdefchoicekey{sr-Cyr1-RS}%
2621     {pronunciation}[\@dtm@val\@dtm@nr]{ekavian,ijekavian}{%
2622     \ifcase\@dtm@nr\relax
2623     \renewcommand*\DTMsrCyr1RSweekdayname}%
2624     {\DTMserbiancyrekweekdayname}%
2625     \renewcommand*\DTMsrCyr1RSWeekdayname}%
2626     {\DTMserbiancyrekWeekdayname}%
2627     \or%
2628     \renewcommand*\DTMsrCyr1RSweekdayname}%
2629     {\DTMserbiancyrijweekdayname}%
2630     \renewcommand*\DTMsrCyr1RSWeekdayname}
2631     {\DTMserbiancyrijWeekdayname}%
2632     \fi
2633 }
  
```

Define a boolean key that can switch between (jun, jul) and (juni, juli) month spellings.

```

2634 \DTMdefboolkey{sr-Cyr1-RS}{monthi}[true]{}
  
```

The default is without the i suffix.

```
2635 \DTMsetbool{sr-Cyr1-RS}{monthi}{false}
```

Define a boolean key that determines if the day and month ordinals should have leading zeroes.

```
2636 \DTMdefboolkey{sr-Cyr1-RS}{leadingzero}[true]{}
```

The default is to omit the leading zero.

```
2637 \DTMsetbool{sr-Cyr1-RS}{leadingzero}{false}
```

`\DTMsrCyr1RSdayordinal` Define the day ordinal format to be used by this style.

```
2638 \newcommand*{\DTMsrCyr1RSdayordinal}[1]{%
```

```
2639 \DTMifbool{sr-Cyr1-RS}{leadingzero}%
```

```
2640 {\DTMtwdigits{#1}}%
```

```
2641 {\number#1}\DTMsrCyr1RSdatesep}%
```

`\DTMsrCyr1RSyearordinal` Define the year ordinal format to be used by this style.

```
2642 \newcommand*{\DTMsrCyr1RSyearordinal}[1]{%
```

```
2643 \number#1}\DTMsrCyr1RSdatesep}%
```

Define the month names.

`\DTMsrCyr1RSnoimonthname`

```
2644 \newcommand*{\DTMsrCyr1RSnoimonthname}{\DTMserbiancyrnoimonthname}
```

`\DTMsrCyr1RSnoiMonthname`

```
2645 \newcommand*{\DTMsrCyr1RSnoiMonthname}{\DTMserbiancyrnoiMonthname}
```

`\DTMsrCyr1RSimonthname`

```
2646 \newcommand*{\DTMsrCyr1RSimonthname}{\DTMserbiancyrimonthname}
```

`\DTMsrCyr1RSiMonthname`

```
2647 \newcommand*{\DTMsrCyr1RSiMonthname}{\DTMserbiancyrMonthname}
```

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

```
2648 \DTMdefboolkey{sr-Cyr1-RS}{mapzone}[true]{}
```

The default is to use mappings.

```
2649 \DTMsetbool{sr-Cyr1-RS}{mapzone}{true}
```

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

```
2650 \DTMdefboolkey{sr-Cyr1-RS}{showdayofmonth}[true]{}
```

The default is to show the day of month.

```
2651 \DTMsetbool{sr-Cyr1-RS}{showdayofmonth}{true}
```

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

```
2652 \DTMdefboolkey{sr-Cyr1-RS}{showyear}[true]{}
```

The default is to show the year.

```
2653 \DTMsetbool{sr-Cyr1-RS}{showyear}{true}
```

```

2654 \DTMnewstyle%
2655 {sr-Cyrl-RS}% label
2656 {% date style
2657   \renewcommand*\DTMdisplaydate[4]{%
2658     \ifDTMshowdown%
2659       \ifnum##4>-1
2660         \DTMsrCyrIRSweekdayname{##4}%
2661         \DTMsrCyrIRSdowdaysep%
2662       \fi
2663     \fi
2664     \DTMifbool{sr-Cyrl-RS}{showdayofmonth}
2665     {\DTMsrCyrIRSdayordinal{##3}\DTMsrCyrIRSdaymonthsep}%
2666     }%
2667     \DTMifbool{sr-Cyrl-RS}{monthi}%
2668     {\DTMsrCyrIRSmonthname{##2}}%
2669     {\DTMsrCyrIRSnoimonthname{##2}}%
2670     \DTMifbool{sr-Cyrl-RS}{showyear}%
2671     {%
2672     \DTMsrCyrIRSmonthyearsep%
2673     \DTMsrCyrIRSyearordinal{##1}%
2674     }%
2675     }%
2676   }%
2677   \renewcommand*\DTMdisplaydate[4]{%
2678     \ifDTMshowdown%
2679       \ifnum##4>-1
2680         \DTMsrCyrIRSweekdayname{##4}%
2681         \DTMsrCyrIRSdowdaysep%
2682       \fi
2683     \fi
2684     \DTMifbool{sr-Cyrl-RS}{showdayofmonth}
2685     {%
2686     \DTMsrCyrIRSdayordinal{##3}\DTMsrCyrIRSdaymonthsep%
2687     \DTMifbool{sr-Cyrl-RS}{monthi}%
2688     {\DTMsrCyrIRSmonthname{##2}}%
2689     {\DTMsrCyrIRSnoimonthname{##2}}%
2690     }%
2691     {%
2692     \DTMifbool{sr-Cyrl-RS}{monthi}%
2693     {\DTMsrCyrIRSmonthname{##2}}%
2694     {\DTMsrCyrIRSnoimonthname{##2}}%
2695     }%
2696     \DTMifbool{sr-Cyrl-RS}{showyear}%
2697     {%
2698     \DTMsrCyrIRSmonthyearsep%
2699     \DTMsrCyrIRSyearordinal{##1}%
2700     }%
2701     }%
2702   }%
2703 }%
2704 {% time style
2705   \renewcommand*\DTMdisplaytime[3]{%
2706     \DTMifbool{sr-Cyrl-RS}{leadingzero}{\DTMtwdigits{##1}}{\number##1}%
2707     \DTMsrCyrLRStimesep\DTMtwdigits{##2}%
2708     \ifDTMshowseconds\DTMsrCyrLRStimesep\DTMtwdigits{##3}\fi

```

```

2709 }%
2710 }%
2711 {% zone style
2712 \DTMresetzones%
2713 \DTMsrCyr1RSzonemaps%
2714 \renewcommand*{\DTMdisplayzone}[2]{%
2715 \DTMifbool{sr-Cyr1-RS}{mapzone}%
2716 {\DTMusedzonemapordefault{##1}{##2}}%
2717 {%
2718 \ifnum##1<0
2719 \else+\fi\DTMtwodigits{##1}%
2720 \ifDTMshowzoneminutes\DTMsrCyr1RStimesep\DTMtwodigits{##2}\fi
2721 }%
2722 }%
2723 }%
2724 {% full style
2725 \renewcommand*{\DTMdisplay}[9]{%
2726 \ifDTMshowdate%
2727 \DTMdisplaydate{##1}{##2}{##3}{##4}%
2728 \DTMsrCyr1RSdatetimesep%
2729 \fi
2730 \DTMdisplaytime{##5}{##6}{##7}%
2731 \ifDTMshowzone%
2732 \DTMsrCyr1RStimezonesep%
2733 \DTMdisplayzone{##8}{##9}%
2734 \fi
2735 }%
2736 \renewcommand*{\DTMdisplay}[9]{%
2737 \ifDTMshowdate%
2738 \DTMdisplaydate{##1}{##2}{##3}{##4}%
2739 \DTMsrCyr1RSdatetimesep%
2740 \fi
2741 \DTMdisplaytime{##5}{##6}{##7}%
2742 \ifDTMshowzone%
2743 \DTMsrCyr1RStimezonesep%
2744 \DTMdisplayzone{##8}{##9}%
2745 \fi
2746 }%
2747 }%

```

`\DTMsrCyr1RSmonthordinal` Define the month ordinal format to be used by this style.

```

2748 \newcommand*{\DTMsrCyr1RSmonthordinal}[1]{%
2749 \DTMifbool{sr-Cyr1-RS}{leadingzero}{\DTMtwodigits{##1}}{\number##1}.}%

```

Define a setting to switch between Arabic, uppercase Roman and lowercase smallcaps Roman month format for the srCyr1RS-numeric style.

```

2750 \DTMdefchoicelkey{sr-Cyr1-RS}{monthord}%
2751 [\@dtm@val\@dtm@nr]{arabic,roman,romanlsc}{%
2752 \ifcase\@dtm@nr\relax
2753 \renewcommand*{\DTMsrCyr1RSmonthordinal}[1]{%
2754 \DTMifbool{sr-Cyr1-RS}{leadingzero}%
2755 {\DTMtwodigits{##1}}{\number##1}\DTMsrCyr1RSdatesep}%
2756 \or%
2757 \renewcommand*{\DTMsrCyr1RSmonthordinal}[1]{%
2758 \DTMtexorpdfstring{\protect\DTMserbianordinalROMAN{##1}}%

```

```

2759 {serbianordinalROMAN{##1}}}%
2760 \or%
2761 \renewcommand*\DTMsrCyr1RSmonthordinal}[1]{%
2762 \DTMtexorpdfstring{\textsc{\protect\DTMserbianordinalroman{##1}}}%
2763 {serbianordinalROMAN{##1}}}%
2764 \fi
2765 }

```

Define numeric style.

```

2766 \DTMnewstyle%
2767 {sr-Cyrl-RS-numeric}% label
2768 {% date style
2769 \renewcommand*\DTMdisplaydate[4]{%
2770 \ifDTMshowdow%
2771 \ifnum##4>-1
2772 \DTMsrCyr1RSweekdayname{##4}%
2773 \DTMsrCyr1RSdowdaysep%
2774 \fi
2775 \fi
2776 \DTMifbool{sr-Cyrl-RS}{showdayofmonth}%
2777 {\DTMsrCyr1RSdayordinal{##3}\DTMsrCyr1RSdaymonthsep}%
2778 {}%
2779 \DTMsrCyr1RSmonthordinal{##2}%
2780 \DTMifbool{sr-Cyrl-RS}{showyear}%
2781 {%
2782 \DTMsrCyr1RSmonthyearsep%
2783 \DTMsrCyr1RSyearordinal{##1}%
2784 }%
2785 {}%
2786 }%
2787 \renewcommand*\DTMdisplaydate[4]{%
2788 \ifDTMshowdow%
2789 \ifnum##4>-1
2790 \DTMsrCyr1RSweekdayname{##4}%
2791 \DTMsrCyr1RSdowdaysep%
2792 \fi
2793 \fi
2794 \DTMifbool{sr-Cyrl-RS}{showdayofmonth}%
2795 {\DTMsrCyr1RSdayordinal{##3}\DTMsrCyr1RSdaymonthsep}%
2796 {}%
2797 \DTMsrCyr1RSmonthordinal{##2}%
2798 \DTMifbool{sr-Cyrl-RS}{showyear}%
2799 {%
2800 \DTMsrCyr1RSmonthyearsep%
2801 \DTMsrCyr1RSyearordinal{##1}%
2802 }%
2803 {}%
2804 }%
2805 }%
2806 {% time style
2807 \renewcommand*\DTMdisplaytime[3]{%
2808 \DTMifbool{sr-Cyrl-RS}{leadingzero}{\DTMtwdigits{##1}}{\number##1}%
2809 \DTMsrCyr1RStimesep\DTMtwdigits{##2}%
2810 \ifDTMshowseconds\DTMsrCyr1RStimesep\DTMtwdigits{##3}\fi
2811 }%
2812 }%

```



```

2813 {% zone style
2814 \DTMresetzones%
2815 \DTMSrCyr1RSzonemaps%
2816 \renewcommand*{\DTMdisplayzone}[2]{%
2817 \DTMifbool{sr-Cyr1-RS}{mapzone}%
2818 {\DTMusedzonemapordefault{##1}{##2}}%
2819 {%
2820 \ifnum##1<0
2821 \else+\fi\DTMtwodigits{##1}%
2822 \ifDTMshowzoneminutes\DTMSrCyr1RStimesep\DTMtwodigits{##2}\fi
2823 }%
2824 }%
2825 }%
2826 {% full style
2827 \renewcommand*{\DTMdisplay}[9]{%
2828 \ifDTMshowdate%
2829 \DTMdisplaydate{##1}{##2}{##3}{##4}%
2830 \DTMSrCyr1RSdatetimesep%
2831 \fi
2832 \DTMdisplaytime{##5}{##6}{##7}%
2833 \ifDTMshowzone%
2834 \DTMSrCyr1RStimezonesep%
2835 \DTMdisplayzone{##8}{##9}%
2836 \fi
2837 }%
2838 \renewcommand*{\DTMdisplay}{\DTMdisplay}%
2839 }

```

`\DTMSr-Cyr1-RSzonemaps` The time zone mappings are set through this command, which can be redefined if extra mappings are required or mappings need to be removed.

```

2840 \newcommand*{\DTMSrCyr1RSzonemaps}{%
2841 \DTMdefzonemap{01}{00}{CET}%
2842 \DTMdefzonemap{02}{00}{CEST}%
2843 }

```

Switch style according to the user regional setting.

```

2844 \DTMifcaseregional%
2845 {}% do nothing
2846 {\DTMsetstyle{sr-Cyr1-RS}}%
2847 {\DTMsetstyle{sr-Cyr1-RS-numeric}}%

```

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

```

2848 \ifcsundef{date\CurrentTrackedDialect}
2849 {%
2850 \ifundef\dateserbianc%
2851 {% do nothing
2852 }%
2853 {%
2854 \def\dateserbianc{%
2855 \DTMifcaseregional%
2856 {}% do nothing
2857 {\DTMsetstyle{sr-Cyr1-RS}}%
2858 {\DTMsetstyle{sr-Cyr1-RS-numeric}}%
2859 }%

```

```

2860 }%
2861 }%
2862 {%
2863 \csdef{date\CurrentTrackedDialect}{%
2864 \DTMifcaseregional%
2865 }% do nothing

2866 {\DTMsetstyle{serbianc}}%
2867 {\DTMsetstyle{serbianc-numeric}}%
2868 }%
2869 }%

```

2.12 Serbian sr-Cyrl-ME Code (datetime2-sr-Cyrl-ME.1df)

```
2870 \ProvidesDateTimeModule{sr-Cyrl-ME}[2019/11/11 v2.0.1]
```

Load appropriate regionless Serbian module.

```
2871 \RequireDateTimeModule{serbianc}
```

2.12.1 Defining the sr-Cyrl-ME style

Allow the user a way of configuring the sr-Cyrl-ME and sr-Cyrl-ME-numeric styles by providing macros for various format elements.

This doesn't use the package-wide separators such as `\dtm@datetimesep` in case other date formats are also required.

`\DTMsrCyrlMEdowdaysep` The separator between weekday and day.

```
2872 \newcommand*\DTMsrCyrlMEdowdaysep}{, \space}
```

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

```
2873 \newcommand*\DTMsrCyrlMEdaymonthsep}{%
2874 \DTMtexorpdfstring{\protect~}{\space}%
2875 }
```

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

```
2876 \newcommand*\DTMsrCyrlMEmonthyearsep}{\space}
```

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

```
2877 \newcommand*\DTMsrCyrlMEdatetimesep}{\space}
```

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

```
2878 \newcommand*\DTMsrCyrlMEtimezonesep}{\space}
```

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

```
2879 \newcommand*\DTMsrCyrlMEdatesep}{.}
```

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

```
2880 \newcommand*\DTMsrCyrlMETimesep}{.}
```

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

```
2881 \DTMdefkey{sr-Cyrl-ME}{dowdaysep}%
2882 {\renewcommand*\DTMsr-Cyrl-MEdowdaysep}{#1}}
2883 \DTMdefkey{sr-Cyrl-ME}{daymonthsep}%
2884 {\renewcommand*\DTMsr-Cyrl-MEdaymonthsep}{#1}}
```

```

2885 \DTMdefkey{sr-Cyrl-ME}{monthyearsep}%
2886     {\renewcommand*{\DTMsr-Cyrl-MEmonthyearsep}{#1}}
2887 \DTMdefkey{sr-Cyrl-ME}{datetimesep}%
2888     {\renewcommand*{\DTMsr-Cyrl-MEdatetimesep}{#1}}
2889 \DTMdefkey{sr-Cyrl-ME}{timezonesep}%
2890     {\renewcommand*{\DTMsr-Cyrl-MEtimezonesep}{#1}}
2891 \DTMdefkey{sr-Cyrl-ME}{datesep}%
2892     {\renewcommand*{\DTMsr-Cyrl-MEdatesep}{#1}}
2893 \DTMdefkey{sr-Cyrl-ME}{timesep}%
2894     {\renewcommand*{\DTMsr-Cyrl-MEtimesep}{#1}}

```

2.12.2 Switches and settings

`\DTMsrCyr1MEweekdayname` Define the weekday name, lowercase.

```

2895 \newcommand*{\DTMsrCyr1MEweekdayname}%
2896 {\DTMserbiancyrijweekdayname}

```

`\DTMsrCyr1MEweekdayname` Define the weekday name, capitalized.

```

2897 \newcommand*{\DTMsrCyr1MEweekdayname}%
2898     {\DTMserbiancyrijWeekdayname}

```

Provide a way to switch between Ekavian and Ijekavian pronunciation.

```

2899 \DTMdefchoicekey{sr-Cyrl-ME}%
2900     {pronunciation}[\@dtm@val\@dtm@nr]{ekavian,ijekavian}{%
2901     \ifcase\@dtm@nr\relax
2902     \renewcommand*{\DTMsrCyr1MEweekdayname}%
2903         {\DTMserbiancyrekweekdayname}%
2904     \renewcommand*{\DTMsrCyr1MEWeekdayname}%
2905         {\DTMserbiancyrekWeekdayname}%
2906     \or%
2907     \renewcommand*{\DTMsrCyr1MEweekdayname}%
2908         {\DTMserbiancyrijweekdayname}%
2909     \renewcommand*{\DTMsrCyr1MEWeekdayname}%
2910         {\DTMserbiancyrijWeekdayname}%
2911     \fi
2912 }

```

Define a boolean key that can switch between (jun, jul) and (juni, juli) month spellings.

```

2913 \DTMdefboolkey{sr-Cyrl-ME}{monthi}[true]{}

```

The default is without the *i* suffix.

```

2914 \DTMsetbool{sr-Cyrl-ME}{monthi}{false}

```

Define a boolean key that determines if the day and month ordinals should have leading zeroes.

```

2915 \DTMdefboolkey{sr-Cyrl-ME}{leadingzero}[true]{}

```

The default is to omit the leading zero.

```

2916 \DTMsetbool{sr-Cyrl-ME}{leadingzero}{false}

```

`\DTMsrCyr1MEdayordinal` Define the day ordinal format to be used by this style.

```

2917     \newcommand*{\DTMsrCyr1MEdayordinal}[1]{%
2918         \DTMifbool{sr-Cyrl-ME}{leadingzero}%
2919         {\DTMtwdigits{#1}}%
2920         {\number#1}\DTMsrCyr1MEdatesep}%

```

`\DTMsrCyr1MEyearordinal` Define the year ordinal format to be used by this style.

```
2921 \newcommand*\DTMsrCyr1MEyearordinal}[1]{%
2922 \number#1\DTMsrCyr1MEdatesep}%
```

Define the month names.

`\DTMsrCyr1MEnoimonthname`

```
2923 \newcommand*\DTMsrCyr1MEnoimonthname{\DTMserbiancyrnoimonthname}
```

`\DTMsrCyr1MEnoiMonthname`

```
2924 \newcommand*\DTMsrCyr1MEnoiMonthname{\DTMserbiancyrnoiMonthname}
```

`\DTMsrCyr1MEimonthname`

```
2925 \newcommand*\DTMsrCyr1MEimonthname{\DTMserbiancyrimonthname}
```

`\DTMsrCyr1MEiMonthname`

```
2926 \newcommand*\DTMsrCyr1MEiMonthname{\DTMserbiancyrimonthname}
```

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

```
2927 \DTMdefboolkey{sr-Cyr1-ME}{mapzone}[true]{}
```

The default is to use mappings.

```
2928 \DTMsetbool{sr-Cyr1-ME}{mapzone}{true}
```

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

```
2929 \DTMdefboolkey{sr-Cyr1-ME}{showdayofmonth}[true]{}
```

The default is to show the day of month.

```
2930 \DTMsetbool{sr-Cyr1-ME}{showdayofmonth}{true}
```

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

```
2931 \DTMdefboolkey{sr-Cyr1-ME}{showyear}[true]{}
```

The default is to show the year.

```
2932 \DTMsetbool{sr-Cyr1-ME}{showyear}{true}
```

```
2933 \DTMnewstyle%
```

```
2934 {sr-Cyr1-ME}% label
```

```
2935 {% date style
```

```
2936 \renewcommand*\DTMdisplaydate[4]{%
```

```
2937 \ifDTMshowdow%
```

```
2938 \ifnum##4>-1
```

```
2939 \DTMsrCyr1MEweekdayname{##4}%
```

```
2940 \DTMsrCyr1MEdowdaysep%
```

```
2941 \fi
```

```
2942 \fi
```

```
2943 \DTMifbool{sr-Cyr1-ME}{showdayofmonth}
```

```
2944 {\DTMsrCyr1MEdayordinal{##3}\DTMsrCyr1MEdaymonthsep}%
```

```
2945 }%
```

```
2946 \DTMifbool{sr-Cyr1-ME}{monthi}%
```

```
2947 {\DTMsrCyr1MEimonthname{##2}}%
```

```
2948 {\DTMsrCyr1MEnoimonthname{##2}}%
```

```
2949 \DTMifbool{sr-Cyr1-ME}{showyear}%
```

```
2950 {%
```

```
2951 \DTMsrCyr1MEmonthyearsep%
```

```
2952 \DTMsrCyr1MEyearordinal{##1}}%
```

```

2953 }%
2954 {}%
2955 }%
2956 \renewcommand*\DTMDisplaydate[4]{%
2957   \ifDTMshowdown%
2958     \ifnum##4>-1
2959       \DTMsrCyrIMEWeekdayname{##4}%
2960       \DTMsrCyrIMEdowdaysep%
2961     \fi
2962   \fi
2963   \DTMifbool{sr-Cyrl-ME}{showdayofmonth}%
2964   {%
2965     \DTMsrCyrIMEdayordinal{##3}\DTMsrCyrIMEdaymonthsep%
2966     \DTMifbool{sr-Cyrl-ME}{monthi}%
2967     {\DTMsrCyrIMEimonthname{##2}}%
2968     {\DTMsrCyrIMEimonthname{##2}}%
2969   }%
2970   {%
2971     \DTMifbool{sr-Cyrl-ME}{monthi}%
2972     {\DTMsrCyrIMEimonthname{##2}}%
2973     {\DTMsrCyrIMEimonthname{##2}}%
2974   }%
2975   \DTMifbool{sr-Cyrl-ME}{showyear}%
2976   {%
2977     \DTMsrCyrIMEmonthyearsep%
2978     \DTMsrCyrIMEyearordinal{##1}%
2979   }%
2980   {}%
2981 }%
2982 }%
2983 {% time style
2984 \renewcommand*\DTMdisplaytime[3]{%
2985   \DTMifbool{sr-Cyrl-ME}{leadingzero}{\DTMtwdigits{##1}}{\number##1}%
2986   \DTMsrCyrIMetimesep\DTMtwdigits{##2}%
2987   \ifDTMshowseconds\DTMsrCyrIMetimesep\DTMtwdigits{##3}\fi
2988 }%
2989 }%
2990 {% zone style
2991 \DTMresetzones%
2992 \DTMsrCyrIMEzonemaps%
2993 \renewcommand*\DTMdisplayzone[2]{%
2994   \DTMifbool{sr-Cyrl-ME}{mapzone}%
2995   {\DTMusedzonemapordefault{##1}{##2}}%
2996   {%
2997     \ifnum##1<0
2998     \else+\fi\DTMtwdigits{##1}%
2999     \ifDTMshowzoneminutes\DTMsrCyrIMetimesep\DTMtwdigits{##2}\fi
3000   }%
3001 }%
3002 }%
3003 {% full style
3004 \renewcommand*\DTMdisplay}[9]{%
3005   \ifDTMshowdate%
3006     \DTMdisplaydate{##1}{##2}{##3}{##4}%
3007     \DTMsrCyrIMEdatetimesep%

```

```

3008 \fi
3009 \DTMdisplaytime{##5}{##6}{##7}%
3010 \ifDTMshowzone%
3011 \DTMsrCyrLMEtimezonesep%
3012 \DTMdisplayzone{##8}{##9}%
3013 \fi
3014 }%
3015 \renewcommand*\DTMDisplay}[9]{%
3016 \ifDTMshowdate%
3017 \DTMdisplaydate{##1}{##2}{##3}{##4}%
3018 \DTMsrCyrLMEdatetimesep%
3019 \fi
3020 \DTMdisplaytime{##5}{##6}{##7}%
3021 \ifDTMshowzone%
3022 \DTMsrCyrLMEtimezonesep%
3023 \DTMdisplayzone{##8}{##9}%
3024 \fi
3025 }%
3026 }%

```

`\DTMsrCyrLMEmonthordinal` Define the month ordinal format to be used by this style.

```

3027 \newcommand*\DTMsrCyrLMEmonthordinal}[1]{%
3028 \DTMifbool{sr-Cyrl-ME}{leadingzero}{\DTMtwodigits{##1}{\number##1}.}%

```

Define a setting to switch between Arabic, uppercase Roman and lowercase smallcaps Roman month format for the `srCyrLME-numeric` style.

```

3029 \DTMdefchoicekey{sr-Cyrl-ME}{monthord}%
3030 [\@dtm@val\@dtm@nr]{arabic,roman,romanlsc}{%
3031 \ifcase\@dtm@nr\relax
3032 \renewcommand*\DTMsrCyrLMEmonthordinal}[1]{%
3033 \DTMifbool{sr-Cyrl-ME}{leadingzero}%
3034 {\DTMtwodigits{##1}{\number##1}\DTMsrCyrLMEdatesep}%
3035 \or%
3036 \renewcommand*\DTMsrCyrLMEmonthordinal}[1]{%
3037 \DTMtexorpdfstring{\protect\DTMserbianordinalROMAN{##1}}%
3038 {serbianordinalROMAN{##1}}}%
3039 \or%
3040 \renewcommand*\DTMsrCyrLMEmonthordinal}[1]{%
3041 \DTMtexorpdfstring{\textsc{\protect\DTMserbianordinalroman{##1}}}%
3042 {serbianordinalROMAN{##1}}}%
3043 \fi
3044 }

```

Define numeric style.

```

3045 \DTMnewstyle%
3046 {sr-Cyrl-ME-numeric}% label
3047 {% date style
3048 \renewcommand*\DTMdisplaydate[4]{%
3049 \ifDTMshowdow%
3050 \ifnum##4>-1
3051 \DTMsrCyrLMEweekdayname{##4}%
3052 \DTMsrCyrLMEdowdaysep%
3053 \fi
3054 \fi
3055 \DTMifbool{sr-Cyrl-ME}{showdayofmonth}%

```

```

3056   {\DTMsrCyrIMEdayordinal{##3}\DTMsrCyrIMEdaymonthsep}%
3057   }%
3058   \DTMsrCyrIMEmonthordinal{##2}%
3059   \DTMifbool{sr-Cyrl-ME}{showyear}%
3060   {%
3061     \DTMsrCyrIMEmonthyearsep%
3062     \DTMsrCyrIMEyearordinal{##1}%
3063   }%
3064   }%
3065 }%
3066 \renewcommand*{\DTMdisplaydate[4]{%
3067   \ifDTMshowdow%
3068     \ifnum##4>-1
3069       \DTMsrCyrIMEWeekdayname{##4}%
3070       \DTMsrCyrIMEdowdaysep%
3071     \fi
3072   \fi
3073   \DTMifbool{sr-Cyrl-ME}{showdayofmonth}%
3074   {\DTMsrCyrIMEdayordinal{##3}\DTMsrCyrIMEdaymonthsep}%
3075   }%
3076   \DTMsrCyrIMEmonthordinal{##2}%
3077   \DTMifbool{sr-Cyrl-ME}{showyear}%
3078   {%
3079     \DTMsrCyrIMEmonthyearsep%
3080     \DTMsrCyrIMEyearordinal{##1}%
3081   }%
3082   }%
3083 }%
3084 }%
3085 {% time style
3086   \renewcommand*{\DTMdisplaytime[3]{%
3087     \DTMifbool{sr-Cyrl-ME}{leadingzero}{\DTMtwdigits{##1}}{\number##1}%
3088     \DTMsrCyrIMetimesep\DTMtwdigits{##2}%
3089     \ifDTMshowseconds\DTMsrCyrIMetimesep\DTMtwdigits{##3}\fi
3090   }%
3091 }%
3092 {% zone style
3093   \DTMresetzones%
3094   \DTMsrCyrIMEzonemaps%
3095   \renewcommand*{\DTMdisplayzone}[2]{%
3096     \DTMifbool{sr-Cyrl-ME}{mapzone}%
3097     {\DTMusedzonemapordefault{##1}{##2}}%
3098     {%
3099       \ifnum##1<0
3100       \else+\fi\DTMtwdigits{##1}%
3101       \ifDTMshowzoneminutes\DTMsrCyrIMetimesep\DTMtwdigits{##2}\fi
3102     }%
3103   }%
3104 }%
3105 {% full style
3106   \renewcommand*{\DTMdisplay}[9]{%
3107     \ifDTMshowdate%
3108       \DTMdisplaydate{##1}{##2}{##3}{##4}%
3109       \DTMsrCyrIMEdatetimesep%
3110     \fi

```

```

3111 \DTMdisplaytime{##5}{##6}{##7}%
3112 \ifDTMshowzone%
3113 \DTMsrCyr1MEtimezonesep%
3114 \DTMdisplayzone{##8}{##9}%
3115 \fi
3116 }%
3117 \renewcommand*{\DTMDisplay}{\DTMdisplay}%
3118 }

```

`\DTMsr-Cyr1-MEzonemaps` The time zone mappings are set through this command, which can be redefined if extra mappings are required or mappings need to be removed.

```

3119 \newcommand*{\DTMsrCyr1MEzonemaps}{%
3120 \DTMdefzonemap{01}{00}{CET}%
3121 \DTMdefzonemap{02}{00}{CEST}%
3122 }

```

Switch style according to the user regional setting.

```

3123 \DTMifcaseregional%
3124 {}% do nothing
3125 {\DTMsetstyle{sr-Cyr1-ME}}%
3126 {\DTMsetstyle{sr-Cyr1-ME-numeric}}%

```

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

```

3127 \ifcsundef{date\CurrentTrackedDialect}
3128 {%
3129 \ifundef\dateserbianc%
3130 {% do nothing
3131 }%
3132 {%
3133 \def\dateserbianc{%
3134 \DTMifcaseregional%
3135 {}% do nothing
3136 {\DTMsetstyle{sr-Cyr1-ME}}%
3137 {\DTMsetstyle{sr-Cyr1-ME-numeric}}%
3138 }%
3139 }%
3140 }%
3141 {%
3142 \csdef{date\CurrentTrackedDialect}{%
3143 \DTMifcaseregional%
3144 {}% do nothing
3145 {\DTMsetstyle{serbianc}}%
3146 {\DTMsetstyle{serbianc-numeric}}%
3147 }%
3148 }%

```

2.13 Serbian sr-Cyr1-BA Code (datetime2-sr-Cyr1-BA.1df)

```

3149 \ProvidesDateTimeModule{sr-Cyr1-BA}[2019/11/11 v2.0.1]

```

Load appropriate regionless Serbian module.

```

3150 \RequireDateTimeModule{serbianc}

```


2.13.1 Defining the sr-Cyrl-BA style

Allow the user a way of configuring the sr-Cyrl-BA and sr-Cyrl-BA-numeric styles by providing macros for various format elements.

This doesn't use the package-wide separators such as `\dtm@datetimesep` in case other date formats are also required.

<code>\DTMsrCyr1BA dowdaysep</code>	The separator between weekday and day. 3151 <code>\newcommand*\DTMsrCyr1BA dowdaysep}{, \space}</code>
<code>\DTMsrCyr1BA daymonthsep</code>	The separator between the day and month for the text format. 3152 <code>\newcommand*\DTMsrCyr1BA daymonthsep}{%</code> 3153 <code>\DTMtexorpdfstring{\protect~}{\space}%</code> 3154 <code>}</code>
<code>\DTMsrCyr1BA monthyearsep</code>	The separator between the month and year for the text format. 3155 <code>\newcommand*\DTMsrCyr1BA monthyearsep}{ \space}</code>
<code>\DTMsrCyr1BA datetimesep</code>	The separator between the date and time blocks in the full format (either text or numeric). 3156 <code>\newcommand*\DTMsrCyr1BA datetimesep}{ \space}</code>
<code>\DTMsrCyr1BA timezonesep</code>	The separator between the time and zone blocks in the full format (either text or numeric). 3157 <code>\newcommand*\DTMsrCyr1BA timezonesep}{ \space}</code>
<code>\DTMsrCyr1BA datesep</code>	The separator for the numeric date format. 3158 <code>\newcommand*\DTMsrCyr1BA datesep}{. }</code>
<code>\DTMsrCyr1BA timesep</code>	The separator for the numeric time format. 3159 <code>\newcommand*\DTMsrCyr1BA timesep}{. }</code>

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

```
3160 \DTMdefkey{sr-Cyrl-BA}{dowdaysep}%
3161   {\renewcommand*\DTMsr-Cyrl-BA dowdaysep}{#1}}
3162 \DTMdefkey{sr-Cyrl-BA}{daymonthsep}%
3163   {\renewcommand*\DTMsr-Cyrl-BA daymonthsep}{#1}}
3164 \DTMdefkey{sr-Cyrl-BA}{monthyearsep}%
3165   {\renewcommand*\DTMsr-Cyrl-BA monthyearsep}{#1}}
3166 \DTMdefkey{sr-Cyrl-BA}{datetimesep}%
3167   {\renewcommand*\DTMsr-Cyrl-BA datetimesep}{#1}}
3168 \DTMdefkey{sr-Cyrl-BA}{timezonesep}%
3169   {\renewcommand*\DTMsr-Cyrl-BA timezonesep}{#1}}
3170 \DTMdefkey{sr-Cyrl-BA}{datesep}%
3171   {\renewcommand*\DTMsr-Cyrl-BA datesep}{#1}}
3172 \DTMdefkey{sr-Cyrl-BA}{timesep}%
3173   {\renewcommand*\DTMsr-Cyrl-BA timesep}{#1}}
```

2.13.2 Switches and settings

<code>\DTMsrCyr1BA weekdayname</code>	Define the weekday name, lowercase. 3174 <code>\newcommand*\DTMsrCyr1BA weekdayname}%</code> 3175 <code>{\DTMserbiancyrijweekdayname}</code>
---------------------------------------	--

`\DTMsrCyr1BAweekdayname` Define the weekday name, capitalized.

```
3176 \newcommand*{\DTMsrCyr1BAWeekdayname}%  
3177     {\DTMserbiancyrijWeekdayname}
```

Provide a way to switch between Ekavian and Ijekavian pronunciation.

```
3178 \DTMdefchoicelkey{sr-Cyr1-BA}%  
3179     {pronunciation}[\@dtm@val\@dtm@nr]{ekavian,ijekavian}{%  
3180 \ifcase\@dtm@nr\relax  
3181     \renewcommand*{\DTMsrCyr1BAWeekdayname}%  
3182         {\DTMserbiancyrekweekdayname}%  
3183     \renewcommand*{\DTMsrCyr1BAWeekdayname}%  
3184         {\DTMserbiancyrekWeekdayname}%  
3185 \or%  
3186     \renewcommand*{\DTMsrCyr1BAWeekdayname}%  
3187         {\DTMserbiancyrijweekdayname}%  
3188     \renewcommand*{\DTMsrCyr1BAWeekdayname}%  
3189         {\DTMserbiancyrijWeekdayname}%  
3190 \fi  
3191 }
```

Define a boolean key that can switch between (jun, jul) and (juni, juli) month spellings.

```
3192 \DTMdefboolkey{sr-Cyr1-BA}{monthi}[true]{}
```

The default is without the i suffix.

```
3193 \DTMsetbool{sr-Cyr1-BA}{monthi}{false}
```

Define a boolean key that determines if the day and month ordinals should have leading zeroes.

```
3194 \DTMdefboolkey{sr-Cyr1-BA}{leadingzero}[true]{}
```

The default is to omit the leading zero.

```
3195 \DTMsetbool{sr-Cyr1-BA}{leadingzero}{false}
```

`\DTMsrCyr1BAdayordinal` Define the day ordinal format to be used by this style.

```
3196 \newcommand*{\DTMsrCyr1BAdayordinal}[1]{%  
3197     \DTMifbool{sr-Cyr1-BA}{leadingzero}%  
3198     {\DTMtwdigits{#1}}%  
3199     {\number#1}\DTMsrCyr1BAdatesep}%
```

`\DTMsrCyr1BAyearordinal` Define the year ordinal format to be used by this style.

```
3200 \newcommand*{\DTMsrCyr1BAyearordinal}[1]{%  
3201     \number#1\DTMsrCyr1BAdatesep}%
```

Define the month names.

`\DTMsrCyr1BAnoimonthname`

```
3202 \newcommand*{\DTMsrCyr1BAnoimonthname}{\DTMserbiancyrnoimonthname}
```

`\DTMsrCyr1BAoiMonthname`

```
3203 \newcommand*{\DTMsrCyr1BAoiMonthname}{\DTMserbiancyrnoiMonthname}
```

`\DTMsrCyr1BAimonthname`

```
3204 \newcommand*{\DTMsrCyr1BAimonthname}{\DTMserbiancyrimonthname}
```

`\DTMsrCyr1BAiMonthname`

```
3205 \newcommand*{\DTMsrCyr1BAiMonthname}{\DTMserbiancyriMonthname}
```

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

```
3206 \DTMdefboolkey{sr-Cyrl-BA}{mapzone}[true]{}
```

The default is to use mappings.

```
3207 \DTMsetbool{sr-Cyrl-BA}{mapzone}{true}
```

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

```
3208 \DTMdefboolkey{sr-Cyrl-BA}{showdayofmonth}[true]{}
```

The default is to show the day of month.

```
3209 \DTMsetbool{sr-Cyrl-BA}{showdayofmonth}{true}
```

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

```
3210 \DTMdefboolkey{sr-Cyrl-BA}{showyear}[true]{}
```

The default is to show the year.

```
3211 \DTMsetbool{sr-Cyrl-BA}{showyear}{true}
```

```
3212 \DTMnewstyle%
3213 {sr-Cyrl-BA}% label
3214 {% date style
3215   \renewcommand*\DTMdisplaydate[4]{%
3216     \ifDTMshowdow%
3217       \ifnum##4>-1
3218         \DTMrCyrlBAweekdayname{##4}%
3219         \DTMrCyrlBADowdaysep%
3220       \fi
3221     \fi
3222     \DTMifbool{sr-Cyrl-BA}{showdayofmonth}
3223     {\DTMrCyrlBAdayordinal{##3}\DTMrCyrlBAdaymonthsep}%
3224     }%
3225     \DTMifbool{sr-Cyrl-BA}{monthi}%
3226     {\DTMrCyrlBAimonthname{##2}}%
3227     {\DTMrCyrlBAnoimonthname{##2}}%
3228     \DTMifbool{sr-Cyrl-BA}{showyear}%
3229     {%
3230       \DTMrCyrlBAmoneyearsep%
3231       \DTMrCyrlBAyearordinal{##1}%
3232     }%
3233   }%
3234 }%
3235 \renewcommand*\DTMdisplaydate[4]{%
3236   \ifDTMshowdow%
3237     \ifnum##4>-1
3238       \DTMrCyrlBAweekdayname{##4}%
3239       \DTMrCyrlBADowdaysep%
3240     \fi
3241   \fi
3242   \DTMifbool{sr-Cyrl-BA}{showdayofmonth}
3243   {%
3244     \DTMrCyrlBAdayordinal{##3}\DTMrCyrlBAdaymonthsep%
3245     \DTMifbool{sr-Cyrl-BA}{monthi}%
3246     {\DTMrCyrlBAimonthname{##2}}%
3247     {\DTMrCyrlBAnoimonthname{##2}}%
3248   }%
3249   {%
3250     \DTMifbool{sr-Cyrl-BA}{monthi}%
```

```

3251     {\DTMSrCyr1BAiMonthname{##2}}%
3252     {\DTMSrCyr1BAnoiMonthname{##2}}%
3253     }%
3254     \DTMifbool{sr-Cyrl-BA}{showyear}%
3255     {%
3256         \DTMSrCyr1BAmonthyearsep%
3257         \DTMSrCyr1BAyearordinal{##1}%
3258     }%
3259     }%
3260 }%
3261 }%
3262 {% time style
3263 \renewcommand*\DTMdisplaytime[3]{%
3264     \DTMifbool{sr-Cyrl-BA}{leadingzero}{\DTMtwdigits{##1}}{\number##1}%
3265     \DTMSrCyr1BAtimesep\DTMtwdigits{##2}%
3266     \ifDTMshowseconds\DTMSrCyr1BAtimesep\DTMtwdigits{##3}\fi
3267 }%
3268 }%
3269 {% zone style
3270 \DTMresetzones%
3271 \DTMSrCyr1BAzonemaps%
3272 \renewcommand*\DTMdisplayzone[2]{%
3273     \DTMifbool{sr-Cyrl-BA}{mapzone}%
3274     {\DTMusedzonemapordefault{##1}{##2}}%
3275     {%
3276         \ifnum##1<0
3277         \else+\fi\DTMtwdigits{##1}%
3278         \ifDTMshowzoneminutes\DTMSrCyr1BAtimesep\DTMtwdigits{##2}\fi
3279     }%
3280 }%
3281 }%
3282 {% full style
3283 \renewcommand*\DTMdisplay[9]{%
3284     \ifDTMshowdate%
3285         \DTMdisplaydate{##1}{##2}{##3}{##4}%
3286         \DTMSrCyr1BAdatetimesep%
3287         \fi
3288         \DTMdisplaytime{##5}{##6}{##7}%
3289         \ifDTMshowzone%
3290             \DTMSrCyr1BAtimezonesep%
3291             \DTMdisplayzone{##8}{##9}%
3292         \fi
3293     }%
3294 \renewcommand*\DTMDisplay[9]{%
3295     \ifDTMshowdate%
3296         \DTMDisplaydate{##1}{##2}{##3}{##4}%
3297         \DTMSrCyr1BAdatetimesep%
3298         \fi
3299         \DTMdisplaytime{##5}{##6}{##7}%
3300         \ifDTMshowzone%
3301             \DTMSrCyr1BAtimezonesep%
3302             \DTMdisplayzone{##8}{##9}%
3303         \fi
3304     }%
3305 }%

```

`\DTMsrCyr1BAmonthordinal` Define the month ordinal format to be used by this style.

```
3306 \newcommand*{\DTMsrCyr1BAmonthordinal}[1]{%
3307 \DTMifbool{sr-Cyr1-BA}{leadingzero}{\DTMtwodigits{#1}}{\number#1}.}%
```

Define a setting to switch between Arabic, uppercase Roman and lowercase smallcaps Roman month format for the `srCyr1BA-numeric` style.

```
3308 \DTMdefchoicekey{sr-Cyr1-BA}{monthord}%
3309 [\@dtm@val\@dtm@nr]{arabic,roman,romanlsc}{%
3310 \ifcase\@dtm@nr\relax
3311 \renewcommand*{\DTMsrCyr1BAmonthordinal}[1]{%
3312 \DTMifbool{sr-Cyr1-BA}{leadingzero}%
3313 {\DTMtwodigits{#1}}{\number#1}\DTMsrCyr1BAdatesep}%
3314 \or%
3315 \renewcommand*{\DTMsrCyr1BAmonthordinal}[1]{%
3316 \DTMtexorpdfstring{\protect\DTMserbianordinalROMAN{##1}}%
3317 {serbianordinalROMAN{##1}}}%
3318 \or%
3319 \renewcommand*{\DTMsrCyr1BAmonthordinal}[1]{%
3320 \DTMtexorpdfstring{\textsc{\protect\DTMserbianordinalroman{##1}}}%
3321 {serbianordinalROMAN{##1}}}%
3322 \fi
3323 }
```

Define numeric style.

```
3324 \DTMnewstyle%
3325 {sr-Cyr1-BA-numeric}% label
3326 {% date style
3327 \renewcommand*{\DTMdisplaydate[4]}{%
3328 \ifDTMshowdow%
3329 \ifnum##4>-1
3330 \DTMsrCyr1BAweekdayname{##4}%
3331 \DTMsrCyr1BADowdaysep%
3332 \fi
3333 \fi
3334 \DTMifbool{sr-Cyr1-BA}{showdayofmonth}%
3335 {\DTMsrCyr1BAdayordinal{##3}\DTMsrCyr1BAdaymonthsep}%
3336 {}%
3337 \DTMsrCyr1BAmonthordinal{##2}%
3338 \DTMifbool{sr-Cyr1-BA}{showyear}%
3339 {}%
3340 \DTMsrCyr1BAmontyearsep%
3341 \DTMsrCyr1BAyearordinal{##1}%
3342 }%
3343 {}%
3344 }%
3345 \renewcommand*{\DTMdisplaydate[4]}{%
3346 \ifDTMshowdow%
3347 \ifnum##4>-1
3348 \DTMsrCyr1BAweekdayname{##4}%
3349 \DTMsrCyr1BADowdaysep%
3350 \fi
3351 \fi
3352 \DTMifbool{sr-Cyr1-BA}{showdayofmonth}%
3353 {\DTMsrCyr1BAdayordinal{##3}\DTMsrCyr1BAdaymonthsep}%
3354 {}%}
```

```

3355 \DTMSrCyr1BAmonthordinal{##2}%
3356 \DTMifbool{sr-Cyr1-BA}{showyear}%
3357 {%
3358 \DTMSrCyr1BAmonthyearsep%
3359 \DTMSrCyr1BAyearordinal{##1}%
3360 }%
3361 {}%
3362 }%
3363 }%
3364 {% time style
3365 \renewcommand*\DTMdisplaytime[3]{%
3366 \DTMifbool{sr-Cyr1-BA}{leadingzero}\DTMtwdigits{##1}\number##1}%
3367 \DTMSrCyr1BAtimesep\DTMtwdigits{##2}%
3368 \ifDTMshowseconds\DTMSrCyr1BAtimesep\DTMtwdigits{##3}\fi
3369 }%
3370 }%
3371 {% zone style
3372 \DTMresetzones%
3373 \DTMSrCyr1BAzonemaps%
3374 \renewcommand*\DTMdisplayzone[2]{%
3375 \DTMifbool{sr-Cyr1-BA}{mapzone}%
3376 {\DTMusedzonemapordefault{##1}{##2}}%
3377 {%
3378 \ifnum##1<0
3379 \else\fi\DTMtwdigits{##1}%
3380 \ifDTMshowzoneminutes\DTMSrCyr1BAtimesep\DTMtwdigits{##2}\fi
3381 }%
3382 }%
3383 }%
3384 {% full style
3385 \renewcommand*\DTMdisplay[9]{%
3386 \ifDTMshowdate%
3387 \DTMdisplaydate{##1}{##2}{##3}{##4}%
3388 \DTMSrCyr1BAdate-timesep%
3389 \fi
3390 \DTMdisplaytime{##5}{##6}{##7}%
3391 \ifDTMshowzone%
3392 \DTMSrCyr1BAtimezonesep%
3393 \DTMdisplayzone{##8}{##9}%
3394 \fi
3395 }%
3396 \renewcommand*\DTMdisplay{\DTMdisplay}%
3397 }

```

`\DTMSr-Cyr1-BAzonemaps` The time zone mappings are set through this command, which can be redefined if extra mappings are required or mappings need to be removed.

```

3398 \newcommand*\DTMSrCyr1BAzonemaps{%
3399 \DTMdefzonemap{01}{00}{CET}%
3400 \DTMdefzonemap{02}{00}{CEST}%
3401 }

```

Switch style according to the user regional setting.

```

3402 \DTMifcaseregional%
3403 {}% do nothing
3404 {\DTMsetstyle{sr-Cyr1-BA}}%

```

```
3405 {\DTMsetstyle{sr-Cyrl-BA-numeric}}%
```

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

```
3406 \ifcsundef{date\CurrentTrackedDialect}
```

```
3407 {%
```

```
3408   \ifundef\dateserbianc%
```

```
3409     {% do nothing
```

```
3410     }%
```

```
3411     {%
```

```
3412       \def\dateserbianc{%
```

```
3413         \DTMifcaseregional%
```

```
3414         }{% do nothing
```

```
3415         {\DTMsetstyle{sr-Cyrl-BA}}%
```

```
3416         {\DTMsetstyle{sr-Cyrl-BA-numeric}}%
```

```
3417       }%
```

```
3418     }%
```

```
3419 }%
```

```
3420 {%
```

```
3421   \csdef{date\CurrentTrackedDialect}{%
```

```
3422     \DTMifcaseregional%
```

```
3423     }{% do nothing
```

```
3424     {\DTMsetstyle{serbianc}}%
```

```
3425     {\DTMsetstyle{serbianc-numeric}}%
```

```
3426   }%
```

```
3427 }%
```

ACRONYMS

- ASCII** American Standard Code for Information Interchange, legacy 7-bit text encoding used on American computers since the 1960s. It fails to encode non-English characters. The mainstream encoding used when \TeX was conceived.
- UTF-8** Unicode Transformation Format – 8-bit, modern variable width character encoding that’s backward-compatible with **ASCII** for all **ASCII** characters, yet provides full coverage for almost every spoken language.
- LICR** \TeX Internal Character Representation, a set of macros that help define non-**ASCII** characters for typesetting in \TeX even in engines that only support **ASCII**.

CHANGE HISTORY

1.0

General: Initial release 7, 8, 14, 20, 27, 34, 40, 47, 54, 60, 67, 74, 80

1.1

General: removed spurious space 27, 33, 40, 47, 53, 60, 67, 73, 80, 87

2.0.0

General: Added a proper introduction. 1
Added a switch between multiple numeric month ordinal formats used in Serbian. 5, 25, 31, 38, 45, 51, 58, 65, 71, 78, 85
Added a switch for adding leading zeroes in day and month ordinals. 22, 29, 35, 42, 49, 55, 62, 69, 75, 82
Added a switch for toggling leading zeroes in day and month ordinals. 5
Added a way to switch between Ekavian and Ijekavian pronunciation. 4, 22, 28, 35, 42, 48, 55, 62, 68, 75, 82
Added a way to switch June, July alternate spellings. 5, 22, 29, 35, 42, 48, 55, 62, 68, 75, 82
Added documentation for new settings. 4
Added installation guide. 3
Added regions and documented their use. 4
Added regions, all settings made available to regions so all changes can be region-specific. 20, 27, 34, 40, 47, 54, 60, 67, 74, 80
Added regions. 27, 33, 40, 47, 53, 60, 67, 73, 80, 87
Added weekday names. 5, 22, 23, 25, 28, 30, 32, 35, 36, 38, 41, 43, 45, 48, 50, 52, 55, 56, 58, 61, 63, 65, 68, 70, 72, 75, 76, 78, 81, 83, 85
All localization strings are now declared within the Python build script and both the **UTF-8** and **LICR** encoded strings are generated

from said files on build, before uploading to CTAN. 8, 14

All localization strings loaded from base module. 21, 27, 34, 40, 47, 54, 60, 67, 74, 80

Fixed the (previously entirely wrong) numeric date style. 25, 32, 38, 45, 52, 58, 65, 72, 78, 85

Removed the option to switch between writing systems, since that is accomplished by using different regions or regionless styles (serbian and serbianc for example). 22, 29, 36, 42, 49, 56, 62, 69, 76, 82

Restyled the documentation. 1

Separated the base package from the regionless style. The base package now only declares common localization strings and includes adequately encoded localization strings from their respective packages. 7

2.0.1

\backslash DTMserbianczonemaps: Replaced wrong parameter for zonemapping. 60

\backslash DTMserbianzonemaps: Replaced wrong parameter for zonemapping. 26

\backslash DTMsr-Cyr1-BAzonemaps: Replaced wrong parameter for zonemapping. 86

\backslash DTMsr-Cyr1-MEzonemaps: Replaced wrong parameter for zonemapping. 80

\backslash DTMsr-Cyr1-RSzonemaps: Replaced wrong parameter for zonemapping. 73

\backslash DTMsr-Cyr1zonemaps: Replaced wrong parameter for zonemapping. 66

\backslash DTMsr-Latn-BAzonemaps: Replaced wrong parameter for zonemapping. 53

\backslash DTMsr-Latn-MEzonemaps: Replaced wrong parameter for zonemapping. 46

<code>\DTMSr-Latn-RSzonemaps</code> : Replaced wrong parameter for zonemapping.	40	Fixed paragraph indentation.	4, 5
<code>\DTMSr-Latnzonemaps</code> : Replaced wrong parameter for zonemapping.	33	Fixed region name error.	2I, 27, 34, 4I, 47, 54, 6I, 67, 74, 8I
General: Adopted semantic versioning.	I,	Fixed wrong example.	5
	3-5, 7, 8, 14, 20-23, 25, 27-36, 38, 40-43, 45, 47-56, 58, 60-63, 65, 67-76, 78, 80-83, 85, 87	Removed extraneous paragraph indentation.	8, 22, 23, 25, 29, 3I, 32, 35, 36, 38, 42, 43, 45, 48, 49, 5I, 52, 55, 56, 58, 62, 63, 65, 68, 69, 7I, 72, 75, 76, 78, 82, 83, 85
Changed colon → period.	5	Removed extraneous paragraphs.	7
Fixed non-regional variant for regional code.	27, 34, 40, 47, 54, 60, 67, 74, 80, 87		

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