

# 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 `useregional` 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 `useregional` 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](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<sup>®</sup>TeX over the file `datetime2-serbian.ins`:  
`lualatex datetime2-serbian.ins`
2. Move all `*.1df` 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 `useregional` option to `datetime2`, the language module suitable to the one specified with babel is loaded:

```
\documentclass[serbian]{article}
\usepackage{babel}
\usepackage[useregional]{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:

serbian	serbianc
sr-Latn	sr-Cyrl
sr-Latn-RS	sr-Cyrl-RS
sr-Latn-ME	sr-Cyrl-ME
sr-Latn-BA	sr-Cyrl-BA

### 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. It takes values arabic (the default), roman and romanlsc. The arabic setting results in an arabic numeral (subject to [leadingzero](#)) followed by a colon. The roman setting results in an uppercase Roman numeral without a colon suffix. The romansc setting results in a lowercase small caps Roman numeral without a colon 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, 02. IV 2019. 08.03 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 ~~AT~~ $\text{\TeX}$  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}[2019/11/07 v2.0]
```

`\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  $\text{Xe}\TeX$  or  $\text{Lua}\TeX$ , respectively.

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

Load `serbian-utf8` if either  $\text{Xe}\TeX$  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  $\text{Xe}\TeX$  or  $\text{Lua}\TeX$  are used.

```
68 \ProvidesDateTimeModule{serbian-base-utf8}[2019/11/07 v2.0]
```

### 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 }

```

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

```

267 \newcommand*{\DTMserbiancyrimonthname}[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 \Juni%
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     понедељак%
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     Понедељак%
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}[2019/11/07 v2.0]
```

### 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     \cyrn\cyra\cyrr\cyrt%
504   \or%
505     \cyra\cyrp\cyrr\cyri\cyr1%
506   \or%
507     \cyrn\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\cyrn\cyrb\cyra\cyrr%
516   \or%
517     \cyro\cyrk\cyrt\cyro\cyrb\cyra\cyrr%
518   \or%
519     \cyrn\cyro\cyrv\cyre\cyrn\cyrb\cyra\cyrr%
520   \or%
521     \cyrd\cyre\cyrc\cyre\cyrn\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\cyrn\cyrb\cyra\cyrr%
544   \or%
545     \CYRO\cyrk\cyrt\cyro\cyrb\cyra\cyrr%
546   \or%
547     \CYRN\cyro\cyrv\cyre\cyrn\cyrb\cyra\cyrr%
548   \or%

```

```

549 \CYRD\cyre\cyrc\cyre\cym\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\cyr1\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\cyr1\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\cyr1je\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\cyr1je\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\cyr1je\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     \cyrp\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}[2019/11/07 v2.0]

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 {\DTMtwdigits{#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 \DTMserbiantimezonezone%
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 \DTMdefchoicekey{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}{\DTMtwodigits{##1}}{\number##1}%
856     \DTMserbiantimesep\DTMtwodigits{##2}%
857     \ifDTMshowseconds\DTMserbiantimesep\DTMtwodigits{##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\DTMtwodigits{##1}%
869         \ifDTMshowzoneminutes\DTMserbiantimesep\DTMtwodigits{##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         \DTMserbiantimezonesep%
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}[2019/11/07 v2.0]

```

Load base Serbian module.

```

918 \RequireDateTimeModule{serbian-base}

```

### 2.5.1 Defining the sr-Latn style

Allow the user a way of configuring the `srLatn` and `srLatn-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   \DTMtexpdfstring{\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*{\DTMsrlatndowdaysep}{#1}}
930 \DTMdefkey{sr-Latn}{daymonthsep}%
931     {\renewcommand*{\DTMsrlatndaymonthsep}{#1}}
932 \DTMdefkey{sr-Latn}{monthyearsep}%
933     {\renewcommand*{\DTMsrlatnmonthyearsep}{#1}}
934 \DTMdefkey{sr-Latn}{datetimesep}%
935     {\renewcommand*{\DTMsrlatndatetimesep}{#1}}
936 \DTMdefkey{sr-Latn}{timezonesep}%
937     {\renewcommand*{\DTMsrlatntimezonesep}{#1}}
938 \DTMdefkey{sr-Latn}{datesep}%
939     {\renewcommand*{\DTMsrlatndatesep}{#1}}
940 \DTMdefkey{sr-Latn}{timesep}%
941     {\renewcommand*{\DTMsrlatntimesep}{#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         {\DTMtwdigits{#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     \ifDTMshowdow%
985       \ifnum##4>-1
986         \DTMSrLatnweekdayname{##4}%
987         \DTMSrLatndowdaysep%
988       \fi
989     \fi
990     \DTMifbool{sr-Latn}{showdayofmonth}
991     {\DTMSrLatndayordinal{##3}\DTMSrLatndaymonthsep}%
992     {%
993     \DTMifbool{sr-Latn}{monthi}%
994     {\DTMSrLatnimonthname{##2}}%
995     {\DTMSrLatnnoimonthname{##2}}%
996     \DTMifbool{sr-Latn}{showyear}%
997     {%
998       \DTMSrLatnmonthyearsep%
999       \DTMSrLatnyearordinal{##1}%
1000     }%
1001   }%
1002 }%
1003 \renewcommand*\DTMDisplaydate[4]{%
1004   \ifDTMshowdow%
1005     \ifnum##4>-1
1006       \DTMSrLatnWeekdayname{##4}%
1007       \DTMSrLatndowdaysep%
1008     \fi
1009   \fi
1010   \DTMifbool{sr-Latn}{showdayofmonth}
1011   {%
1012     \DTMSrLatndayordinal{##3}\DTMSrLatndaymonthsep%
1013     \DTMifbool{sr-Latn}{monthi}%
1014     {\DTMSrLatnimonthname{##2}}%
1015     {\DTMSrLatnnoimonthname{##2}}%
1016   }%
1017   {%
1018     \DTMifbool{sr-Latn}{monthi}%
1019     {\DTMSrLatniMonthname{##2}}%
1020     {\DTMSrLatnnoiMonthname{##2}}%
1021   }%
1022   \DTMifbool{sr-Latn}{showyear}%
1023   {%
1024     \DTMSrLatnmonthyearsep%
1025     \DTMSrLatnyearordinal{##1}%
1026   }%
1027   {%
1028   }%
1029 }%
1030 {% time style
1031   \renewcommand*\DTMdisplaytime[3]{%
1032     \DTMifbool{sr-Latn}{leadingzero}{\DTMtwdigits{##1}}{\number##1}%
1033     \DTMSrLatntimesep\DTMtwdigits{##2}%
1034     \ifDTMshowseconds\DTMSrLatntimesep\DTMtwdigits{##3}\fi

```

```

1035 }%
1036 }%
1037 {% zone style
1038 \DTMresetzones%
1039 \DTMSrLatnzonemaps%
1040 \renewcommand*{\DTMdisplayzone}[2]{%
1041 \DTMifbool{sr-Latn}{mapzone}%
1042 {\DTMusezonemapordefault{##1}{##2}}%
1043 {%
1044 \ifnum##1<0
1045 \else+\fi\DTMtwdigits{##1}%
1046 \ifDTMshowzoneminutes\DTMSrLatntimesep\DTMtwdigits{##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}{\DTMtwdigits{#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 {\DTMtwdigits{##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*{\DTMSr-Latnzonemaps}{%
II67   \DTMdefzonemap{01}{00}{CET}%
II68   \DTMdefzonemap{02}{00}{CEST}%
II69 }

```

Switch style according to the `useregional` 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{sr-Latn}}%
1193 {\DTMsetstyle{sr-Latn-numeric}}%
1194 }%
1195 }%

```

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

```
1196 \ProvidesDateTimeModule{sr-Latn-RS}[2019/11/07 v2.0]
```

Load base Serbian module.

```
1197 \RequireDateTimeModule{serbian-base}
```

### 2.6.1 Defining the sr-Latn-RS style

Allow the user a way of configuring the srLatnRS and srLatnRS-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 \DTMtexorpdfstring{\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*{\DTMSrLatn-RSdowdaysep}{#1}}
1209 \DTMdefkey{sr-Latn-RS}{daymonthsep}%
1210 \renewcommand*{\DTMSrLatn-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 \DTMiifbool{sr-Latn-RS}{showdayofmonth}

```

```

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

```

```

1271 {}%

```

```

1272 \DTMiifbool{sr-Latn-RS}{monthi}%

```

```

1273 {\DTMsRLatnRSimonthname{##2}}%

```

```

1274 {\DTMsRLatnRSnoimonthname{##2}}%

```

```

1275 \DTMiifbool{sr-Latn-RS}{showyear}%

```

```

1276 {%

```

```

1277 \DTMsRLatnRSmonthyearsep%

```

```

1278 \DTMsRLatnRSyearordinal{##1}%

```

```

I279     }%
I280     {}%
I281     }%
I282     \renewcommand*\DTMDisplaydate[4]{%
I283         \ifDTMshowdow%
I284             \ifnum##4>-1
I285                 \DTMsLatnRSWeekdayname{##4}%
I286                 \DTMsLatnRSdowdaysep%
I287             \fi
I288         \fi
I289         \DTMifbool{sr-Latn-RS}{showdayofmonth}%
I290         {%
I291             \DTMsLatnRSdayordinal{##3}\DTMsLatnRSdaymonthsep%
I292             \DTMifbool{sr-Latn-RS}{monthi}%
I293             {\DTMsLatnRSmonthname{##2}}%
I294             {\DTMsLatnRSnoimonthname{##2}}%
I295         }%
I296         {%
I297             \DTMifbool{sr-Latn-RS}{monthi}%
I298             {\DTMsLatnRSiMonthname{##2}}%
I299             {\DTMsLatnRSnoiMonthname{##2}}%
I300         }%
I301         \DTMifbool{sr-Latn-RS}{showyear}%
I302         {%
I303             \DTMsLatnRSmonthyearsep%
I304             \DTMsLatnRSyearordinal{##1}%
I305         }%
I306         {}%
I307     }%
I308 }%
I309 {% time style
I310     \renewcommand*\DTMdisplaytime[3]{%
I311         \DTMifbool{sr-Latn-RS}{leadingzero}{\DTMtwdigits{##1}}{\number##1}%
I312         \DTMsLatnRStimesep\DTMtwdigits{##2}%
I313         \ifDTMshowseconds\DTMsLatnRStimesep\DTMtwdigits{##3}\fi
I314     }%
I315 }%
I316 {% zone style
I317     \DTMresetzones%
I318     \DTMsLatnRSzonemaps%
I319     \renewcommand*\DTMdisplayzone[2]{%
I320         \DTMifbool{sr-Latn-RS}{mapzone}%
I321         {\DTMusedzonemapordefault{##1}{##2}}%
I322         {%
I323             \ifnum##1<0
I324                 \else+\fi\DTMtwdigits{##1}%
I325             \ifDTMshowzoneminutes\DTMsLatnRStimesep\DTMtwdigits{##2}\fi
I326         }%
I327     }%
I328 }%
I329 {% full style
I330     \renewcommand*\DTMdisplay[9]{%
I331         \ifDTMshowdate%
I332             \DTMdisplaydate{##1}{##2}{##3}{##4}%
I333             \DTMsLatnRSdatetimesep%

```

```

I334 \fi
I335 \DTMdisplaytime{##5}{##6}{##7}%
I336 \ifDTMshowzone%
I337 \DTMsrlatnRStimezonesep%
I338 \DTMdisplayzone{##8}{##9}%
I339 \fi
I340 }%
I341 \renewcommand*{\DTMDisplay}[9]{%
I342 \ifDTMshowdate%
I343 \DTMdisplaydate{##1}{##2}{##3}{##4}%
I344 \DTMsrlatnRSdatetimesep%
I345 \fi
I346 \DTMdisplaytime{##5}{##6}{##7}%
I347 \ifDTMshowzone%
I348 \DTMsrlatnRStimezonesep%
I349 \DTMdisplayzone{##8}{##9}%
I350 \fi
I351 }%
I352 }%

```

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

```

I353 \newcommand*{\DTMsrlatnRSmonthordinal}[1]{%
I354 \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.

```

I355 \DTMdefchoicekey{sr-Latn-RS}{monthord}%
I356 [\@dtm@val\@dtm@nr]{arabic,roman,romanlsc}%
I357 \ifcase\@dtm@nr\relax
I358 \renewcommand*{\DTMsrlatnRSmonthordinal}[1]{%
I359 \DTMifbool{sr-Latn-RS}{leadingzero}%
I360 {\DTMtwodigits{#1}}{\number#1}\DTMsrlatnRSdatesep}%
I361 \or%
I362 \renewcommand*{\DTMsrlatnRSmonthordinal}[1]{%
I363 \DTMtexorpdfstring{\protect\DTMserbianordinalROMAN{#1}}%
I364 {serbianordinalROMAN{#1}}}%
I365 \or%
I366 \renewcommand*{\DTMsrlatnRSmonthordinal}[1]{%
I367 \DTMtexorpdfstring{\textsc{\protect\DTMserbianordinalroman{#1}}}%
I368 {serbianordinalROMAN{#1}}}%
I369 \fi
I370 }

```

Define numeric style.

```

I371 \DTMnewstyle%
I372 {sr-Latn-RS-numeric}% label
I373 {% date style
I374 \renewcommand*{\DTMdisplaydate}[4]{%
I375 \ifDTMshowdow%
I376 \ifnum##4>-1
I377 \DTMsrlatnRSweekdayname{##4}%
I378 \DTMsrlatnRSdowdaysep%
I379 \fi
I380 \fi
I381 \DTMifbool{sr-Latn-RS}{showdayofmonth}%

```

```

I382     {\DTMsrlatnRSdayordinal{##3}\DTMsrlatnRSdaymonthsep}%
I383     {}%
I384     \DTMsrlatnRSmonthordinal{##2}%
I385     \DTMifbool{sr-Latn-RS}{showyear}%
I386     {%
I387         \DTMsrlatnRSmonthyearsep%
I388         \DTMsrlatnRSyearordinal{##1}%
I389     }%
I390     {}%
I391 }%
I392 \renewcommand*\DTMdisplaydate[4]{%
I393     \ifDTMshowdow%
I394         \ifnum##4>-1
I395             \DTMsrlatnRSweekdayname{##4}%
I396             \DTMsrlatnRSdowdaysep%
I397         \fi
I398     \fi
I399     \DTMifbool{sr-Latn-RS}{showdayofmonth}%
I400     {\DTMsrlatnRSdayordinal{##3}\DTMsrlatnRSdaymonthsep}%
I401     {}%
I402     \DTMsrlatnRSmonthordinal{##2}%
I403     \DTMifbool{sr-Latn-RS}{showyear}%
I404     {%
I405         \DTMsrlatnRSmonthyearsep%
I406         \DTMsrlatnRSyearordinal{##1}%
I407     }%
I408     {}%
I409 }%
I410}%
I411{% time style
I412     \renewcommand*\DTMdisplaytime[3]{%
I413         \DTMifbool{sr-Latn-RS}{leadingzero}{\DTMtwdigits{##1}}{\number##1}%
I414         \DTMsrlatnRStimesep\DTMtwdigits{##2}%
I415         \ifDTMshowseconds\DTMsrlatnRStimesep\DTMtwdigits{##3}\fi
I416     }%
I417}%
I418{% zone style
I419     \DTMresetzones%
I420     \DTMsrlatnRSzonemaps%
I421     \renewcommand*\DTMdisplayzone[2]{%
I422         \DTMifbool{sr-Latn-RS}{mapzone}%
I423         {\DTMusedzonemapordefault{##1}{##2}}%
I424         {%
I425             \ifnum##1<0
I426                 \else+\fi\DTMtwdigits{##1}%
I427             \ifDTMshowzoneminutes\DTMsrlatnRStimesep\DTMtwdigits{##2}\fi
I428         }%
I429     }%
I430}%
I431{% full style
I432     \renewcommand*\DTMdisplay[9]{%
I433         \ifDTMshowdate%
I434             \DTMdisplaydate{##1}{##2}{##3}{##4}%
I435             \DTMsrlatnRSdatetimesep%
I436         \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*{\DTMSr-Latn-RSzonemaps}{%
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{sr-Latn-RS}}%
1472 {\DTMsetstyle{sr-Latn-RS-numeric}}%
1473 }%
1474 }%

```

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

```

1475 \ProvidesDateTimeModule{sr-Latn-ME}[2019/11/07 v2.0]

```

Load base Serbian module.

```

1476 \RequireDateTimeModule{serbian-base}

```



### 2.7.1 Defining the sr-Latn-ME style

Allow the user a way of configuring the srLatnME and srLatnME-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.

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

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

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

`\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.

```
i632 \newcommand*{\DTMsrlatnMEmonthordinal}[1]{%
i633 \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.

```
i634 \DTMdefchoicekey{sr-Latn-ME}{monthord}%
i635 [\@dtm@val\@dtm@nr]{arabic,roman,romanlsc}{%
i636 \ifcase\@dtm@nr\relax
i637 \renewcommand*{\DTMsrlatnMEmonthordinal}[1]{%
i638 \DTMifbool{sr-Latn-ME}{leadingzero}%
i639 {\DTMtwodigits{#1}}{\number#1}\DTMsrlatnMEdatesep}%
i640 \or%
i641 \renewcommand*{\DTMsrlatnMEmonthordinal}[1]{%
i642 \DTMtexorpdfstring{\protect\DTMserbianordinalROMAN{#1}}%
i643 {serbianordinalROMAN{#1}}}%
i644 \or%
i645 \renewcommand*{\DTMsrlatnMEmonthordinal}[1]{%
i646 \DTMtexorpdfstring{\textsc{\protect\DTMserbianordinalroman{#1}}}%
i647 {serbianordinalROMAN{#1}}}%
i648 \fi
i649 }
```

Define numeric style.

```
i650 \DTMnewstyle%
i651 {sr-Latn-ME-numeric}% label
i652 {% date style
i653 \renewcommand*{\DTMdisplaydate[4]}{%
i654 \ifDTMshowdow%
i655 \ifnum##4>-1
i656 \DTMsrlatnMEweekdayname{##4}%
i657 \DTMsrlatnMEdowdaysep%
i658 \fi
i659 \fi
i660 \DTMifbool{sr-Latn-ME}{showdayofmonth}%
i661 {\DTMsrlatnMEDayordinal{##3}\DTMsrlatnMEDaymonthsep}%
i662 {}%
i663 \DTMsrlatnMEmonthordinal{##2}%
i664 \DTMifbool{sr-Latn-ME}{showyear}%
i665 {%
i666 \DTMsrlatnMEmonthyearsep%
i667 \DTMsrlatnMEyearordinal{##1}%
i668 }%
i669 {}%
i670 }%
i671 \renewcommand*{\DTMdisplaydate[4]}{%
i672 \ifDTMshowdow%
i673 \ifnum##4>-1
i674 \DTMsrlatnMEweekdayname{##4}%
i675 \DTMsrlatnMEdowdaysep%
i676 \fi
i677 \fi
i678 \DTMifbool{sr-Latn-ME}{showdayofmonth}%
i679 {\DTMsrlatnMEDayordinal{##3}\DTMsrlatnMEDaymonthsep}%
i680 {}%
}
```

```

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*\DTMSr-Latn-MEzonemaps{%
1725 \DTMdefzonemap{01}{00}{CET}%
1726 \DTMdefzonemap{02}{00}{CEST}%
1727 }

```

Switch style according to the useregional setting.

```

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

```

```
l731 {\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.)

```
l732 \ifcsundef{date\CurrentTrackedDialect}
l733 {%
l734   \ifundef\dateserbian%
l735   {% do nothing
l736   }%
l737   {%
l738     \def\dateserbian{%
l739       \DTMifcaseregional%
l740       }% do nothing
l741       {\DTMsetstyle{sr-Latn-ME}}%
l742       {\DTMsetstyle{sr-Latn-ME-numeric}}%
l743     }%
l744   }%
l745 }%
l746 {%
l747   \csdef{date\CurrentTrackedDialect}{%
l748     \DTMifcaseregional%
l749     }% do nothing
l750     {\DTMsetstyle{sr-Latn-ME}}%
l751     {\DTMsetstyle{sr-Latn-ME-numeric}}%
l752   }%
l753 }%
```

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

```
l754 \ProvidesDateTimeModule{sr-Latn-BA}[2019/11/07 v2.0]
```

Load base Serbian module.

```
l755 \RequireDateTimeModule{serbian-base}
```

### 2.8.1 Defining the sr-Latn-BA style

Allow the user a way of configuring the `srLatnBA` and `srLatnBA-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.

```
l756 \newcommand*{\DTMSrLatnBAowdaysep}{, \space}
```

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

```
l757 \newcommand*{\DTMSrLatnBAdaymonthsep}{%
l758   \DTMtexpdfstring{\protect~}{\space}%
l759 }
```

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

```
l760 \newcommand*{\DTMSrLatnBAmontyearsep}{\space}
```

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

```
l761 \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*{\DTMsrlatn-BA{dowdaysep}}{#1}}
1767 \DTMdefkey{sr-Latn-BA}{daymonthsep}%
1768     {\renewcommand*{\DTMsrlatn-BA{daymonthsep}}{#1}}
1769 \DTMdefkey{sr-Latn-BA}{monthyearsep}%
1770     {\renewcommand*{\DTMsrlatn-BA{monthyearsep}}{#1}}
1771 \DTMdefkey{sr-Latn-BA}{datetimesep}%
1772     {\renewcommand*{\DTMsrlatn-BA{datetimesep}}{#1}}
1773 \DTMdefkey{sr-Latn-BA}{timezonesep}%
1774     {\renewcommand*{\DTMsrlatn-BA{timezonesep}}{#1}}
1775 \DTMdefkey{sr-Latn-BA}{datesep}%
1776     {\renewcommand*{\DTMsrlatn-BA{datesep}}{#1}}
1777 \DTMdefkey{sr-Latn-BA}{timesep}%
1778     {\renewcommand*{\DTMsrlatn-BA{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.

i798 \DTMsetbool{sr-Latn-BA}{monthi}{false}

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

i799 \DTMdefboolkey{sr-Latn-BA}{leadingzero}[true]{}

The default is to omit the leading zero.

i800 \DTMsetbool{sr-Latn-BA}{leadingzero}{false}

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

i801 \newcommand\*{\DTMrLatnBAdayordinal}[1]{%  
i802 \DTMifbool{sr-Latn-BA}{leadingzero}%  
i803 {\DTMtwdigits{#1}}%  
i804 {\number#1}\DTMrLatnBAdatesep}%

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

i805 \newcommand\*{\DTMrLatnBAyearordinal}[1]{%  
i806 \number#1\DTMrLatnBAdatesep}%

Define the month names.

\DTMrLatnBAnoimonthname

i807 \newcommand\*{\DTMrLatnBAnoimonthname}{\DTMserbianlatnoimonthname}

\DTMrLatnBAiMonthname

i808 \newcommand\*{\DTMrLatnBAiMonthname}{\DTMserbianlatnoiMonthname}

\DTMrLatnBAimonthname

i809 \newcommand\*{\DTMrLatnBAimonthname}{\DTMserbianlatimonthname}

\DTMrLatnBAiMonthname

i810 \newcommand\*{\DTMrLatnBAiMonthname}{\DTMserbianlatiMonthname}

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

i811 \DTMdefboolkey{sr-Latn-BA}{mapzone}[true]{}

The default is to use mappings.

i812 \DTMsetbool{sr-Latn-BA}{mapzone}{true}

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

i813 \DTMdefboolkey{sr-Latn-BA}{showdayofmonth}[true]{}

The default is to show the day of month.

i814 \DTMsetbool{sr-Latn-BA}{showdayofmonth}{true}

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

i815 \DTMdefboolkey{sr-Latn-BA}{showyear}[true]{}

The default is to show the year.

i816 \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 \DTMSrLatnBAowdaysep%
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 \DTMSrLatnBAmoneyearsep%
i836 \DTMSrLatnBAyearordinal{##1}%
i837 }%
i838 }%
i839 }%
i840 \renewcommand*\DTMdisplaydate[4]{%
i841 \ifDTMshowdown%
i842 \ifnum##4>-1
i843 \DTMSrLatnBAweekdayname{##4}%
i844 \DTMSrLatnBAowdaysep%
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 \DTMSrLatnBAmoneyearsep%
i862 \DTMSrLatnBAyearordinal{##1}%
i863 }%
i864 }%
i865 }%
i866 }%
i867 {% time style
i868 \renewcommand*\DTMdisplaytime[3]{%
i869 \DTMifbool{sr-Latn-BA}{leadingzero}{\DTMtwdigits{##1}}{\number##1}%
i870 \DTMSrLatnBAtimesep\DTMtwdigits{##2}%
i871 \ifDTMshowseconds\DTMSrLatnBAtimesep\DTMtwdigits{##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 \DTMSrLatnBAdate-timesep%
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 \DTMSrLatnBAdate-timesep%
1903 \fi
1904 \DTMdisplaytime{##5}{##6}{##7}%
1905 \ifDTMshowzone%
1906 \DTMSrLatnBAtimezonesep%
1907 \DTMdisplayzone{##8}{##9}%
1908 \fi
1909 }%
1910 }%

```

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

```

1911 \newcommand*{\DTMSrLatnBAmnthordinal}[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 \DTMdefchoicekey{sr-Latn-BA}{monthord}%
1914 [\@dtm@val\@dtm@nr]{arabic,roman,romanlsc}%
1915 \ifcase\@dtm@nr\relax
1916 \renewcommand*{\DTMSrLatnBAmnthordinal}[1]{%
1917 \DTMifbool{sr-Latn-BA}{leadingzero}%
1918 {\DTMtwodigits{##1}}{\number##1}\DTMSrLatnBAdate-timesep}%
1919 \or%
1920 \renewcommand*{\DTMSrLatnBAmnthordinal}[1]{%
1921 \DTMtexorpdfstring{\protect\DTMserbianordinalROMAN{##1}}}%

```

```

1922 {serbianordinalROMAN{##1}}}%
1923 \or%
1924 \renewcommand*{\DTMsrlatnBAmnthordinal}[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 \DTMsrlatnBAowdaysep%
1937 \fi
1938 \fi
1939 \DTMifbool{sr-latn-ba}{showdayofmonth}%
1940 {\DTMsrlatnBAdayordinal{##3}\DTMsrlatnBAdaymonthsep}%
1941 {}%
1942 \DTMsrlatnBAmnthordinal{##2}%
1943 \DTMifbool{sr-latn-ba}{showyear}%
1944 {%
1945 \DTMsrlatnBAmnthyearsep%
1946 \DTMsrlatnBAyearordinal{##1}%
1947 }%
1948 {}%
1949 }%
1950 \renewcommand*{\DTMdisplaydate[4]}{%
1951 \ifDTMshowdow%
1952 \ifnum##4>-1
1953 \DTMsrlatnBAweekdayname{##4}%
1954 \DTMsrlatnBAowdaysep%
1955 \fi
1956 \fi
1957 \DTMifbool{sr-latn-ba}{showdayofmonth}%
1958 {\DTMsrlatnBAdayordinal{##3}\DTMsrlatnBAdaymonthsep}%
1959 {}%
1960 \DTMsrlatnBAmnthordinal{##2}%
1961 \DTMifbool{sr-latn-ba}{showyear}%
1962 {%
1963 \DTMsrlatnBAmnthyearsep%
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       \DTMSrLatnBAdateetimesep%
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*{\DTMSr-Latn-BAzonemaps}{%
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{sr-Latn-BA}}%
2030 {\DTMsetstyle{sr-Latn-BA-numeric}}%
2031 }%
2032 }%

```

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

```
2033 \ProvidesDateTimeModule{serbianc}[2019/11/07 v2.0]
```

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*{\DTMserbianmonthyearsep}{#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

`\DTMserbianweekdayname` Define the weekday name, lowercase.

```

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

```

`\DTMserbianweekdayname` Define the weekday name, capitalized.

```

2060 \newcommand*{\DTMserbianWeekdayname}%
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*{\DTMserbianweekdayname}%
2066   {\DTMserbiancyrekweekdayname}%
2067   \renewcommand*{\DTMserbianWeekdayname}%
2068   {\DTMserbiancyrekWeekdayname}%
2069   \or%
2070   \renewcommand*{\DTMserbianweekdayname}%
2071   {\DTMserbiancyrijweekdayname}%
2072   \renewcommand*{\DTMserbianWeekdayname}%
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}
```

\DTMserbiancmonthname

```
2088 \newcommand*{\DTMserbiancmonthname}{\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}
```

```
2107 {\DTMserbiancdayordinal{##3}\DTMserbiancdaymonthsep}%
```

```
2108 }%
```

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

```
2110 {\DTMserbiancmonthname{##2}}%
```

```
2111 {\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             \DTMserbiancWeekdayname{##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 \DTMserbianctimezonesep%
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 \DTMserbianctimezonesep%
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}{\DTMtwdigits{##1}}{\number##1}%
2251         \DTMserbianctimesep\DTMtwdigits{##2}%
2252         \ifDTMshowseconds\DTMserbianctimesep\DTMtwdigits{##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\DTMtwdigits{##1}%
2264             \ifDTMshowzoneminutes\DTMserbianctimesep\DTMtwdigits{##2}\fi
2265         }%
2266     }%
2267 }%
2268 {% full style
2269     \renewcommand*\DTMdisplay[9]{%
2270         \ifDTMshowdate%
2271             \DTMdisplaydate{##1}{##2}{##3}{##4}%
2272             \DTMserbiancdatetimesep%
2273         \fi

```

```

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

```

`\DTMserbianczone`maps 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*{\DTMserbianczone}{%
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}[2019/11/07 v2.0]

```

Load base Serbian module.

```

2313 \RequireDateTimeModule{serbian-base}

```

### 2.10.1 Defining the sr-Cyrl style

Allow the user a way of configuring the srCyrl and srCyrl-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.

\DTMsrCyrlowdaysep	The separator between weekday and day. 2314 \newcommand*{\DTMsrCyrlowdaysep}{, \space}
\DTMsrCyrlaymonthsep	The separator between the day and month for the text format. 2315 \newcommand*{\DTMsrCyrlaymonthsep}{% 2316 \DTMtexpdfstring{\protect~}{\space}% 2317 }
\DTMsrCyrlmonthyearsep	The separator between the month and year for the text format. 2318 \newcommand*{\DTMsrCyrlmonthyearsep}{\space}
\DTMsrCyrlatetimesep	The separator between the date and time blocks in the full format (either text or numeric). 2319 \newcommand*{\DTMsrCyrlatetimesep}{\space}
\DTMsrCyrltimezonesep	The separator between the time and zone blocks in the full format (either text or numeric). 2320 \newcommand*{\DTMsrCyrltimezonesep}{\space}
\DTMsrCyrlatesep	The separator for the numeric date format. 2321 \newcommand*{\DTMsrCyrlatesep}{. }
\DTMsrCyrltimesep	The separator for the numeric time format. 2322 \newcommand*{\DTMsrCyrltimesep}{. }

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

```
2323 \DTMdefkey{sr-Cyrl}{owdaysep}%  
2324   {\renewcommand*{\DTMsr-Cyrlowdaysep}{#1}}  
2325 \DTMdefkey{sr-Cyrl}{aymonthsep}%  
2326   {\renewcommand*{\DTMsr-Cyrlaymonthsep}{#1}}  
2327 \DTMdefkey{sr-Cyrl}{monthyearsep}%  
2328   {\renewcommand*{\DTMsr-Cyrlmonthyearsep}{#1}}  
2329 \DTMdefkey{sr-Cyrl}{atetimesep}%  
2330   {\renewcommand*{\DTMsr-Cyrlatetimesep}{#1}}  
2331 \DTMdefkey{sr-Cyrl}{timezonesep}%  
2332   {\renewcommand*{\DTMsr-Cyrltimezonesep}{#1}}  
2333 \DTMdefkey{sr-Cyrl}{atesep}%  
2334   {\renewcommand*{\DTMsr-Cyrlatesep}{#1}}  
2335 \DTMdefkey{sr-Cyrl}{timesep}%  
2336   {\renewcommand*{\DTMsr-Cyrltimesep}{#1}}
```

### 2.10.2 Switches and settings

\DTMsrCyrlweekdayname	Define the weekday name, lowercase. 2337 \newcommand*{\DTMsrCyrlweekdayname}% 2338 {\DTMsrbiancyrekweekdayname}
-----------------------	---

`\DTMsrCyr weekdayname` Define the weekday name, capitalized.

```
2339 \newcommand*{\DTMsrCyr weekdayname}%  
2340     {\DTMserbiancyrek weekdayname}
```

Provide a way to switch between Ekavian and Ijekavian pronunciation.

```
2341 \DTMdefchoicekey{sr-Cyrl}%  
2342     {pronunciation}[\@dtm@val\@dtm@nr]{ekavian,ijekavian}{%  
2343     \ifcase\@dtm@nr\relax  
2344     \renewcommand*{\DTMsrCyr weekdayname}%  
2345         {\DTMserbiancyrek weekdayname}%  
2346     \renewcommand*{\DTMsrCyr weekdayname}%  
2347         {\DTMserbiancyrek weekdayname}%  
2348     \or%  
2349     \renewcommand*{\DTMsrCyr weekdayname}%  
2350         {\DTMserbiancyrij weekdayname}%  
2351     \renewcommand*{\DTMsrCyr weekdayname}%  
2352         {\DTMserbiancyrij weekdayname}%  
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}
```

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

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

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

```
2363     \newcommand*{\DTMsrCyr lyearordinal}[1]{%  
2364         \number#1\DTMsrCyr datesep}%
```

Define the month names.

`\DTMsrCyr lnoimonthname`

```
2365 \newcommand*{\DTMsrCyr lnoimonthname}{\DTMserbiancyrnoimonthname}
```

`\DTMsrCyr lnoiMonthname`

```
2366 \newcommand*{\DTMsrCyr lnoiMonthname}{\DTMserbiancyrnoiMonthname}
```

`\DTMsrCyr limonthname`

```
2367 \newcommand*{\DTMsrCyr limonthname}{\DTMserbiancyrimonthname}
```

`\DTMsrCyr liMonthname`

```
2368 \newcommand*{\DTMsrCyr liMonthname}{\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         \DTMSrCyrlweekdayname{##4}%
```

```
2382         \DTMSrCyrlowdaysep%
```

```
2383       \fi
```

```
2384     \fi
```

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

```
2386       {\DTMSrCyrlayordinal{##3}\DTMSrCyrlaymonthsep}%
```

```
2387     }%
```

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

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

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

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

```
2392     {%
```

```
2393       \DTMSrCyrlmonthyearsep%
```

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

```
2395     }%
```

```
2396   }%
```

```
2397 }%
```

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

```
2399   \ifDTMshowdow%
```

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

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

```
2402       \DTMSrCyrlowdaysep%
```

```
2403     \fi
```

```
2404     \fi
```

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

```
2406     {%
```

```
2407       \DTMSrCyrlayordinal{##3}\DTMSrCyrlaymonthsep%
```

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

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

```
2410       {\DTMSrCyrlnoimonthname{##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}{\DTMtwdigits{#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 {\DTMtwdigits{##1}}{\number##1}\DTMsrCyr1datesep}%
2477 \or%
2478 \renewcommand*{\DTMsrCyr1monthordinal}[1]{%
2479 \DTMtexpdfstring{\protect\DTMserbianordinalROMAN{##1}}%
2480 {serbianordinalROMAN{##1}}}%
2481 \or%
2482 \renewcommand*{\DTMsrCyr1monthordinal}[1]{%
2483 \DTMtexpdfstring{\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*\DTMsr-Cyrlzonemaps{%
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{sr-Cyrl}}%
2588     {\DTMsetstyle{sr-Cyrl-numeric}}%
2589   }%
2590 }%
```

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

2591 \ProvidesDateTimeModule{sr-Cyrl-RS}[2019/11/07 v2.0]

Load base Serbian module.

2592 \RequireDateTimeModule{serbian-base}

### 2.11.1 Defining the sr-Cyrl-RS style

Allow the user a way of configuring the srCyrlRS and srCyrlRS-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.

\DTMSrCyrlRSdowdaysep The separator between weekday and day.

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

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

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

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

2597 \newcommand\*{\DTMSrCyrlRSmonthyearsep}{\space}

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

2598 \newcommand\*{\DTMSrCyrlRSdatetimesep}{\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*{\DTMSrCyr1-RSdowdaysep}{#1}}
2604 \DTMdefkey{sr-Cyr1-RS}{daymonthsep}%
2605     {\renewcommand*{\DTMSrCyr1-RSdaymonthsep}{#1}}
2606 \DTMdefkey{sr-Cyr1-RS}{monthyearsep}%
2607     {\renewcommand*{\DTMSrCyr1-RSmonthyearsep}{#1}}
2608 \DTMdefkey{sr-Cyr1-RS}{datetimesep}%
2609     {\renewcommand*{\DTMSrCyr1-RSdatetimesep}{#1}}
2610 \DTMdefkey{sr-Cyr1-RS}{timezonesep}%
2611     {\renewcommand*{\DTMSrCyr1-RStimezonesep}{#1}}
2612 \DTMdefkey{sr-Cyr1-RS}{datesep}%
2613     {\renewcommand*{\DTMSrCyr1-RSdatesep}{#1}}
2614 \DTMdefkey{sr-Cyr1-RS}{timesep}%
2615     {\renewcommand*{\DTMSrCyr1-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}{\DTMserbiancyrimonthname}
```

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         \DTMsrCyrlRSweekdayname{##4}%
2661         \DTMsrCyrlRSdowdaysep%
2662       \fi
2663     \fi
2664     \DTMifbool{sr-Cyrl-RS}{showdayofmonth}
2665     {\DTMsrCyrlRSdayordinal{##3}\DTMsrCyrlRSdaymonthsep}%
2666     {%
2667     \DTMifbool{sr-Cyrl-RS}{monthi}%
2668     {\DTMsrCyrlRSimonthname{##2}}%
2669     {\DTMsrCyrlRSnoimonthname{##2}}%
2670     \DTMifbool{sr-Cyrl-RS}{showyear}%
2671     {%
2672     \DTMsrCyrlRSmonthyearsep%
2673     \DTMsrCyrlRSyearordinal{##1}%
2674     }%
2675     }%
2676   }%
2677   \renewcommand*\DTMdisplaydate[4]{%
2678     \ifDTMshowdown%
2679       \ifnum##4>-1
2680         \DTMsrCyrlRSweekdayname{##4}%
2681         \DTMsrCyrlRSdowdaysep%
2682       \fi
2683     \fi
2684     \DTMifbool{sr-Cyrl-RS}{showdayofmonth}
2685     {%
2686     \DTMsrCyrlRSdayordinal{##3}\DTMsrCyrlRSdaymonthsep%
2687     \DTMifbool{sr-Cyrl-RS}{monthi}%
2688     {\DTMsrCyrlRSimonthname{##2}}%
2689     {\DTMsrCyrlRSnoimonthname{##2}}%
2690     }%
2691     {%
2692     \DTMifbool{sr-Cyrl-RS}{monthi}%
2693     {\DTMsrCyrlRSimonthname{##2}}%
2694     {\DTMsrCyrlRSnoimonthname{##2}}%
2695     }%
2696     \DTMifbool{sr-Cyrl-RS}{showyear}%
2697     {%
2698     \DTMsrCyrlRSmonthyearsep%
2699     \DTMsrCyrlRSyearordinal{##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 \DTMdefchoicekey{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*{\DTMsr-Cyr1-RSzonemaps}{%
2841   \DTMdefzonemap{01}{00}{CET}%
2842   \DTMdefzonemap{02}{00}{CEST}%
2843 }

```

Switch style according to the useregional 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{sr-Cyrl-RS}}%
2867 {\DTMsetstyle{sr-Cyrl-RS-numeric}}%
2868 }%
2869 }%

```

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

```
2870 \ProvidesDateTimeModule{sr-Cyrl-ME}[2019/11/07 v2.0]
```

Load base Serbian module.

```
2871 \RequireDateTimeModule{serbian-base}
```

### 2.12.1 Defining the sr-Cyrl-ME style

Allow the user a way of configuring the srCyrlME and srCyrlME-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

`\DTMSrCyrlMEweekdayname` Define the weekday name, lowercase.

```

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

```

`\DTMSrCyrlMEweekdayname` Define the weekday name, capitalized.

```

2897 \newcommand*{\DTMSrCyrlMEweekdayname}%
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*{\DTMSrCyrlMEweekdayname}%
2903         {\DTMserbiancyrekweekdayname}%
2904     \renewcommand*{\DTMSrCyrlMEweekdayname}%
2905         {\DTMserbiancyrekWeekdayname}%
2906     \or%
2907     \renewcommand*{\DTMSrCyrlMEweekdayname}%
2908         {\DTMserbiancyrijweekdayname}%
2909     \renewcommand*{\DTMSrCyrlMEweekdayname}%
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}

```

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

```

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

```

\DTMrCyr1MEyearordinal Define the year ordinal format to be used by this style.

```
2921 \newcommand*\DTMrCyr1MEyearordinal}[1]{%
2922 \number#1\DTMrCyr1MEdatesep}%
```

Define the month names.

\DTMrCyr1MEnoimonthname

```
2923 \newcommand*\DTMrCyr1MEnoimonthname{\DTMserbiancyrnoimonthname}
```

\DTMrCyr1MEiMonthname

```
2924 \newcommand*\DTMrCyr1MEiMonthname{\DTMserbiancyrnoiMonthname}
```

\DTMrCyr1MEimonthname

```
2925 \newcommand*\DTMrCyr1MEimonthname{\DTMserbiancyrimonthname}
```

\DTMrCyr1MEiMonthname

```
2926 \newcommand*\DTMrCyr1MEiMonthname{\DTMserbiancyrriMonthname}
```

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 \DTMrCyr1MEweekdayname{##4}%
```

```
2940 \DTMrCyr1MEdowdaysep%
```

```
2941 \fi
```

```
2942 \fi
```

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

```
{\DTMrCyr1MEDayordinal{##3}\DTMrCyr1MEDaymonthsep}%
```

```
{}%
```

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

```
{\DTMrCyr1MEimonthname{##2}}%
```

```
{\DTMrCyr1MEnoimonthname{##2}}%
```

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

```
{%
```

```
2951 \DTMrCyr1MEmonthyearsep%
```

```
2952 \DTMrCyr1MEyearordinal{##1}}%
```

```

2953     }%
2954     {}%
2955 }%
2956 \renewcommand*\DTMDisplaydate[4]{%
2957     \ifDTMshowdow%
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 \DTMsrCyrLMEdateetimesep%
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     {\DTMsrCyr1MEdayordinal{##3}\DTMsrCyr1MEdaymonthsep}%
3057     {}%
3058     \DTMsrCyr1EMonthordinal{##2}%
3059     \DTMifbool{sr-Cyr1-ME}{showyear}%
3060     {%
3061         \DTMsrCyr1EMonthyearsep%
3062         \DTMsrCyr1MEyearordinal{##1}%
3063     }%
3064     {}%
3065 }%
3066 \renewcommand*{\DTMDisplaydate[4]{%
3067     \ifDTMshowdow%
3068         \ifnum##4>-1
3069             \DTMsrCyr1MEWeekdayname{##4}%
3070             \DTMsrCyr1MEdowdaysep%
3071         \fi
3072     \fi
3073     \DTMifbool{sr-Cyr1-ME}{showdayofmonth}%
3074     {\DTMsrCyr1MEdayordinal{##3}\DTMsrCyr1MEdaymonthsep}%
3075     {}%
3076     \DTMsrCyr1EMonthordinal{##2}%
3077     \DTMifbool{sr-Cyr1-ME}{showyear}%
3078     {%
3079         \DTMsrCyr1EMonthyearsep%
3080         \DTMsrCyr1MEyearordinal{##1}%
3081     }%
3082     {}%
3083 }%
3084 }%
3085 {% time style
3086     \renewcommand*{\DTMdisplaytime[3]{%
3087         \DTMifbool{sr-Cyr1-ME}{leadingzero}{\DTMtwdigits{##1}}{\number##1}%
3088         \DTMsrCyr1METimesep\DTMtwdigits{##2}%
3089         \ifDTMshowseconds\DTMsrCyr1METimesep\DTMtwdigits{##3}\fi
3090     }%
3091 }%
3092 {% zone style
3093     \DTMresetzones%
3094     \DTMsrCyr1MEzonemaps%
3095     \renewcommand*{\DTMdisplayzone}[2]{%
3096         \DTMifbool{sr-Cyr1-ME}{mapzone}%
3097         {\DTMusedzonemapordefault{##1}{##2}}%
3098         {%
3099             \ifnum##1<0
3100                 \else+\fi\DTMtwdigits{##1}%
3101                 \ifDTMshowzoneminutes\DTMsrCyr1METimesep\DTMtwdigits{##2}\fi
3102             }%
3103         }%
3104 }%
3105 {% full style
3106     \renewcommand*{\DTMdisplay}[9]{%
3107         \ifDTMshowdate%
3108             \DTMdisplaydate{##1}{##2}{##3}{##4}%
3109             \DTMsrCyr1MEdateTimesep%
3110         \fi

```

```

3111 \DTMdisplaytime{##5}{##6}{##7}%
3112 \ifDTMshowzone%
3113 \DTMSrCyr1MEtimezonessep%
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*{\DTMSr-Cyr1-MEzonemaps}{%
3120 \DTMdefzonemap{01}{00}{CET}%
3121 \DTMdefzonemap{02}{00}{CEST}%
3122 }

```

Switch style according to the `useregional` 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{sr-Cyr1-ME}}%
3146 {\DTMsetstyle{sr-Cyr1-ME-numeric}}%
3147 }%
3148 }%

```

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

```

3149 \ProvidesDateTimeModule{sr-Cyr1-BA}[2019/11/07 v2.0]

```

Load base Serbian module.

```

3150 \RequireDateTimeModule{serbian-base}

```



### 2.13.1 Defining the sr-Cyrl-BA style

Allow the user a way of configuring the srCyrlBA and srCyrlBA-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.

\DTMsrCyrlBAowdaysep	The separator between weekday and day. 3151 \newcommand*{\DTMsrCyrlBAowdaysep}{, \space}
\DTMsrCyrlBAdaymonthsep	The separator between the day and month for the text format. 3152 \newcommand*{\DTMsrCyrlBAdaymonthsep}{% 3153 \DTMtexpdfstring{\protect~}{\space}% 3154 }
\DTMsrCyrlBAmontyearsep	The separator between the month and year for the text format. 3155 \newcommand*{\DTMsrCyrlBAmontyearsep}{\space}
\DTMsrCyrlBAatetimesep	The separator between the date and time blocks in the full format (either text or numeric). 3156 \newcommand*{\DTMsrCyrlBAatetimesep}{\space}
\DTMsrCyrlBAtimezonesep	The separator between the time and zone blocks in the full format (either text or numeric). 3157 \newcommand*{\DTMsrCyrlBAtimezonesep}{\space}
\DTMsrCyrlBADatesep	The separator for the numeric date format. 3158 \newcommand*{\DTMsrCyrlBADatesep}{. }
\DTMsrCyrlBATimesep	The separator for the numeric time format. 3159 \newcommand*{\DTMsrCyrlBATimesep}{. }

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

```
3160 \DTMdefkey{sr-Cyrl-BA}{owdaysep}%  
3161     {\renewcommand*{\DTMsr-Cyrl-BAowdaysep}{#1}}  
3162 \DTMdefkey{sr-Cyrl-BA}{daymonthsep}%  
3163     {\renewcommand*{\DTMsr-Cyrl-BAdaymonthsep}{#1}}  
3164 \DTMdefkey{sr-Cyrl-BA}{monthyearsep}%  
3165     {\renewcommand*{\DTMsr-Cyrl-BAmontyearsep}{#1}}  
3166 \DTMdefkey{sr-Cyrl-BA}{datetimesep}%  
3167     {\renewcommand*{\DTMsr-Cyrl-BAatetimesep}{#1}}  
3168 \DTMdefkey{sr-Cyrl-BA}{timezonesep}%  
3169     {\renewcommand*{\DTMsr-Cyrl-BAtimezonesep}{#1}}  
3170 \DTMdefkey{sr-Cyrl-BA}{datesep}%  
3171     {\renewcommand*{\DTMsr-Cyrl-BADatesep}{#1}}  
3172 \DTMdefkey{sr-Cyrl-BA}{timesep}%  
3173     {\renewcommand*{\DTMsr-Cyrl-BATimesep}{#1}}
```

### 2.13.2 Switches and settings

\DTMsrCyrlBAweekdayname	Define the weekday name, lowercase. 3174 \newcommand*{\DTMsrCyrlBAweekdayname}% 3175 {\DTMserbiancyrijweekdayname}
-------------------------	--

`\DTMsrCyr1BAweekdayname` Define the weekday name, capitalized.

```
3176 \newcommand*{\DTMsrCyr1BAweekdayname}%  
3177     {\DTMserbiancyrijWeekdayname}
```

Provide a way to switch between Ekavian and Ijekavian pronunciation.

```
3178 \DTMdefchoicekey{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}
```

`\DTMsrCyr1BAnoiMonthname`

```
3203 \newcommand*{\DTMsrCyr1BAnoiMonthname}{\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         \DTMSrCyrlBAweekdayname{##4}%
3219         \DTMSrCyrlBAowdaysep%
3220       \fi
3221     \fi
3222     \DTMifbool{sr-Cyrl-BA}{showdayofmonth}%
3223     {\DTMSrCyrlBAdayordinal{##3}\DTMSrCyrlBAdaymonthsep}%
3224     }%
3225     \DTMifbool{sr-Cyrl-BA}{monthi}%
3226     {\DTMSrCyrlBAimonthname{##2}}%
3227     {\DTMSrCyrlBAnoimonthname{##2}}%
3228     \DTMifbool{sr-Cyrl-BA}{showyear}%
3229     {%
3230       \DTMSrCyrlBAmoneyearsep%
3231       \DTMSrCyrlBAyearordinal{##1}%
3232     }%
3233   }%
3234 }%
3235 \renewcommand*\DTMdisplaydate[4]{%
3236   \ifDTMshowdow%
3237     \ifnum##4>-1
3238       \DTMSrCyrlBAweekdayname{##4}%
3239       \DTMSrCyrlBAowdaysep%
3240     \fi
3241     \fi
3242     \DTMifbool{sr-Cyrl-BA}{showdayofmonth}%
3243     {%
3244       \DTMSrCyrlBAdayordinal{##3}\DTMSrCyrlBAdaymonthsep%
3245       \DTMifbool{sr-Cyrl-BA}{monthi}%
3246       {\DTMSrCyrlBAimonthname{##2}}%
3247       {\DTMSrCyrlBAnoimonthname{##2}}%
3248     }%
3249     {%
3250       \DTMifbool{sr-Cyrl-BA}{monthi}%
```

```

3251         {\DTMSrCyr1BAiMonthname{##2}}%
3252         {\DTMSrCyr1BAnoiMonthname{##2}}%
3253     }%
3254     \DTMifbool{sr-Cyr1-BA}{showyear}%
3255     {%
3256         \DTMSrCyr1BAmonthyearsep%
3257         \DTMSrCyr1BAyearordinal{##1}%
3258     }%
3259     {}%
3260 }%
3261}%
3262{% time style
3263    \renewcommand*{\DTMdisplaytime[3]}{%
3264        \DTMifbool{sr-Cyr1-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-Cyr1-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            \DTMSrCyr1BAdate-timesep%
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            \DTMSrCyr1BAdate-timesep%
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 \DTMsrCyr1BA dowdaysep%
3332 \fi
3333 \fi
3334 \DTMifbool{sr-Cyr1-BA}{showdayofmonth}%
3335 {\DTMsrCyr1BA dayordinal{##3}\DTMsrCyr1BA daymonthsep}%
3336 {}%
3337 \DTMsrCyr1BAmonthordinal{##2}%
3338 \DTMifbool{sr-Cyr1-BA}{showyear}%
3339 {%
3340 \DTMsrCyr1BAmonthyearsep%
3341 \DTMsrCyr1BA yearordinal{##1}%
3342 }%
3343 {}%
3344 }%
3345 \renewcommand*{\DTMdisplaydate[4]}{%
3346 \ifDTMshowdow%
3347 \ifnum##4>-1
3348 \DTMsrCyr1BAweekdayname{##4}%
3349 \DTMsrCyr1BA dowdaysep%
3350 \fi
3351 \fi
3352 \DTMifbool{sr-Cyr1-BA}{showdayofmonth}%
3353 {\DTMsrCyr1BA dayordinal{##3}\DTMsrCyr1BA daymonthsep}%
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*\DTMSr-Cyr1-BAzonemaps{%
3399     \DTMdefzonemap{01}{00}{CET}%
3400     \DTMdefzonemap{02}{00}{CEST}%
3401 }

```

Switch style according to the useregional 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{sr-Cyrl-BA}}%
```

```
3425     {\DTMsetstyle{sr-Cyrl-BA-numeric}}%
```

```
3426   }%
```

```
3427 }%
```

## ACRONYMS

- A S C I I** 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  $\text{\TeX}$  was conceived.
- U T F - 8** Unicode Transformation Format – 8-bit, modern variable width character encoding that’s backward-compatible with **A S C I I** for all **A S C I I** characters, yet provides full coverage for almost every spoken language.
- L I C R**  $\text{\TeX}$  Internal Character Representation, a set of macros that help define non-**A S C I I** characters for typesetting in  $\text{\TeX}$  even in engines that only support **A S C I I**.

## 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**  
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 **U T F - 8** and **L I C R** 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

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