

# SERBIAN MODULE FOR DATETIME2 PACKAGE

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

ANDREJ RADOVIĆ  
[r.andrej@gmail.com](mailto:r.andrej@gmail.com)

NICOLA L. C. TALBOT  
(inactive)

2019-11-22 (v2.1.0)

## ABSTRACT

This is the Serbian language module for the `datetime2` package. If you want to use the settings in this module you must install it in addition to installing `datetime2`. If you use `babel` or `polyglossia`, you will need this module to prevent them from redefining `\today`. The `datetime2` `userregional` setting must be on (`text` or `numeric`) for the language styles to be set. Alternatively, you can set them in the document using `\DTMsetstyle`, but without the `userregional` setting on the style will be changed by `\date{language}`.

As of version 2.0.0, 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.

Thanks to the author of `datetime2`, Dr Nicola L. C. Talbot, `datetime2-serbian` now (since `datetime2` v1.5.5 and `datetime2-serbian` v1.1.0) supports a peculiar aspect of Serbian date formatting: omission of year ordinal's trailing dot when the date is followed by a punctuation mark such as a comma. This is facilitated by the starred versions of `\DTMdate` and `\DTMDate` — `\DTMdate*` and `\DTMDate*`. This is explained better in [subsection 1.5](#).

*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\\_licr](https://gitlab.com/andrejr/utf8_to_licr). I might publish it to CTAN if there is interest.*

*All of Serbian Cyrillic localization strings are also automatically generated from Serbian Latin strings using my `srtools` Python package, available on [PyPI](#) and [AUR](#).*

## CONTENTS

I	The Documentation	3
I.1	Installation	3

1.2	Setting up <code>datetime2</code> with a language module	3
1.2.1	Loading a language module	3
1.3	Regions and scripts	4
1.4	Settings (Serbian-related)	4
1.4.1	pronunciation	4
1.4.2	monthi	5
1.4.3	leadingzero	5
1.4.4	monthord	5
1.5	Peculiarities of Serbian date formatting	5
1.6	Other features and settings	6
1.6.1	Showing the weekday	6
1.6.2	Generic customization of styles	6
1.7	License	6
2	The Code	7
2.1	Base package localization strings	7
2.2	Base Serbian <code>UTF-8</code> localization strings	8
2.2.1	Latin month names	8
2.2.2	Latin days of week, Ekavian pronunciation	10
2.2.3	Latin days of week, Ijekavian pronunciation	11
2.2.4	Cyrillic month names	11
2.2.5	Cyrillic days of week, Ekavian pronunciation	13
2.2.6	Cyrillic days of week, Ijekavian pronunciation	14
2.3	Base Serbian <code>ASCII</code> — <code>LICR</code> localization strings	14
2.3.1	Latin month names	14
2.3.2	Latin days of week, Ekavian pronunciation	16
2.3.3	Latin days of week, Ijekavian pronunciation	17
2.3.4	Cyrillic month names	17
2.3.5	Cyrillic days of week, Ekavian pronunciation	19
2.3.6	Cyrillic days of week, Ijekavian pronunciation	20
2.4	Serbian <code>serbian</code> Code ( <code>datetime2-serbian.ldf</code> )	20
2.4.1	Defining the <code>serbian</code> style	21
2.4.2	Switches and settings	22
2.5	Serbian <code>sr-Latn</code> Code ( <code>datetime2-sr-Latn.ldf</code> )	27
2.5.1	Defining the <code>sr-Latn</code> style	27
2.5.2	Switches and settings	28
2.6	Serbian <code>sr-Latn-RS</code> Code ( <code>datetime2-sr-Latn-RS.ldf</code> )	34
2.6.1	Defining the <code>sr-Latn-RS</code> style	34
2.6.2	Switches and settings	35
2.7	Serbian <code>sr-Latn-ME</code> Code ( <code>datetime2-sr-Latn-ME.ldf</code> )	40
2.7.1	Defining the <code>sr-Latn-ME</code> style	41
2.7.2	Switches and settings	41
2.8	Serbian <code>sr-Latn-BA</code> Code ( <code>datetime2-sr-Latn-BA.ldf</code> )	47
2.8.1	Defining the <code>sr-Latn-BA</code> style	47
2.8.2	Switches and settings	48
2.9	Serbian <code>serbianc</code> Code ( <code>datetime2-serbianc.ldf</code> )	54
2.9.1	Defining the <code>serbianc</code> style	54
2.9.2	Switches and settings	55
2.10	Serbian <code>sr-Cyrl</code> Code ( <code>datetime2-sr-Cyrl.ldf</code> )	60
2.10.1	Defining the <code>sr-Cyrl</code> style	60

2.10.2	Switches and settings	61	
2.11	Serbian sr-Cyrl-RS Code (datetime2-sr-Cyrl-RS.1df)		67
2.11.1	Defining the sr-Cyrl-RS style	67	
2.11.2	Switches and settings	68	
2.12	Serbian sr-Cyrl-ME Code (datetime2-sr-Cyrl-ME.1df)		73
2.12.1	Defining the sr-Cyrl-ME style	74	
2.12.2	Switches and settings	74	
2.13	Serbian sr-Cyrl-BA Code (datetime2-sr-Cyrl-BA.1df)		80
2.13.1	Defining the sr-Cyrl-BA style	80	
2.13.2	Switches and settings	81	
Acronyms		88	
Change History		88	
Index		89	

## 1 THE DOCUMENTATION

### 1.1 Installation

Extract the language definition files first:

1. Run Lua<sup>TEX</sup> over the file `datetime2-serbian.ins`:  
`luaTEX 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

```
luaTEX datetime2-serbian.dtx
makeindex -s ginddt2s.ist datetime2-serbian.idx
makeindex -s gglodt2s.ist -o datetime2-serbian.gls datetime2-serbian.glo
luaTEX datetime2-serbian.dtx
luaTEX datetime2-serbian.dtx
```

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

### 1.2 Setting up datetime2 with a language module

#### 1.2.1 Loading a language module

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

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

```
\documentclass{article}
\usepackage[serbian]{datetime2}
```

```
\begin{document}
\today
\end{document}
```

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

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

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

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

### 1.3 Regions and scripts

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

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

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

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

### 1.4 Settings (Serbian-related)

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

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

#### 1.4.1 pronunciation

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

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

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

*Ekavian pronunciation*  
*Ijekavian pronunciation*

#### 1.4.2 *monthi*

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

15. juni 1389.  
15. jun 1389.

monthi=true  
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  
уторак, 02. 04. 2019. 08.03 CET

leadingzero=false  
leadingzero=true

#### 1.4.4 *monthord*

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

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

уторак, 2. 4. 2019. 8.03 CET  
уторак, 2. IV 2019. 8.03 CET  
уторак, 2. IV 2019. 8.03 CET

monthord=arabic  
monthord=roman with \liningnums  
monthord=romanlsc with \oldstylenums

### 1.5 Peculiarities of Serbian date formatting

Date rules in Serbian language feature a dot after the year (the ordinal dot) in *almost* every case. When the date is followed by a punctuation mark, the trailing dot is omitted. When a sentence ends with a date, the date's trailing dot is also omitted, so the sentence ends in a single period (or question or exclamation mark).

Here are some examples:

- 1 Za 21. 2. 2019. i 3. 10. 2019. smo zakazali okupljanja.
- 2 Prva verzija je izašla 17. 9. 1991, nakon nepune godine razvoja.
- 3 Da li svima odgovara 21. februar 2019?
- 4 Konferencija je održana 6. 8. 2013.

All numbers in a date are considered to be ordinals in Serbian. Hence, the dots in Serbian dates aren't seen as mere separators, but ordinal designations.

To facilitate this, `datetime2` and `datetime2-serbian` provide starred alternatives for `\DTMdate` and `\DTMDate`, which omit the trailing dot. Such alternatives for `\DTMdisplaydate`, `\today`, etc. are not possible, since they would prevent said macros from working in expandable contexts (such as PDF bookmarks). It is the primary design feature of these commands to work in expandable contexts. Still, `\DTMdate*` and `\DTMDate` should cover most of our needs.

Now, here's how we'd write example from above:

```
Za \DTMdate{2019-02-21} i \DTMdate{2019-10-03} smo zakazali okupljanja.  
Prva verzija je izašla \DTMdate*{1991-09-17}, nakon nepune godine razvoja.  
Da li svima odgovara \DTMdate*{2019-02-21}?  
Konferencija je održana \DTMdate*{2013-08-06}.
```

## 1.6 Other features and settings

### 1.6.1 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.

### 1.6.2 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.

## 1.7 License

This material is subject to the [L<sup>A</sup>T<sub>E</sub>X 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}[2019/11/22 v2.1.0]
```

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

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

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

```

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

```

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

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

```
68 \ProvidesDateTimeModule{serbian-base-utf8}[2019/11/22 v2.1.0]
```

### 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 }

```

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

```

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

```

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

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

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

### 2.2.5 Cyrillic days of week, Ekavian pronunciation

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

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

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

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

### 2.2.6 Cyrillic days of week, Ijekavian pronunciation

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

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

## 2.3 Base Serbian ASCII – LICR localization strings

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

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

```
353 \ProvidesDateTimeModule{serbian-base-ascii}[2019/11/22 v2.1.0]
```

### 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     \cyrM\cyra\cyrr\cyrt%
504   \or%
505     \cyra\cyrp\cyrr\cyri\cyr1%
506   \or%
507     \cyrM\cyra\cyrje%
508   \or%
509     \cyrje\cyru\cyrn%
510   \or%
511     \cyrje\cyru\cyr1%
512   \or%
513     \cyra\cyrv\cyrg\cyru\cyrs\cyrt%
514   \or%
515     \cyrs\cyre\cyrp\cyrt\cyre\cyrM\cyrb\cyra\cyrr%
516   \or%
517     \cyro\cyrk\cyrt\cyro\cyrb\cyra\cyrr%
518   \or%
519     \cyrn\cyro\cyrv\cyre\cyrM\cyrb\cyra\cyrr%
520   \or%
521     \cyrd\cyre\cyrc\cyre\cyrM\cyrb\cyra\cyrr%
522   \fi
523 }

```

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

```

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

```

```

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

```

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

```

552 \newcommand*{\DTMserbiancyrimonthname}[1]{%
553 \ifnum#1=6%
554 \cyrje\cyru\cyrn\cyri%
555 \else\ifnum#1=7%
556 \cyrje\cyru\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         \cyr\cyro\cyrn\cyre\cyrd\cyrje\cyre\cyrlje\cyra\cyrk%
607         \or%
608         \cyru\cyrt\cyro\cyrr\cyra\cyrk%
609         \or%
610         \cyrs\cyrr\cyri\cyrje\cyre\cyrd\cyra%
611         \or%
612         \cyrch\cyre\cyrt\cyrv\cyrr\cyrt\cyra\cyrk%
613         \or%
614         \cyrp\cyre\cyrt\cyra\cyrk%
615         \or%
616         \cyrs\cyru\cyrb\cyro\cyrt\cyra%
617         \or%
618         \cyrn\cyre\cyrd\cyrje\cyre\cyrlje\cyra%
619         \fi%
620 }

```

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

```

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

```

### 2.4 Serbian serbian Code (datetime2-serbian.1df)

638 \ProvidesDateTimeModule{serbian}[2019/11/22 v2.1.0]

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

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

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}%
```

Define the month names.

`\DTMserbiannoimonthname`

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

`\DTMserbiannoimonthname`

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

`\DTMserbianimonthname`

```
691 \newcommand*{\DTMserbianimonthname}{\DTMserbianlatimonthname}
```

\DTMserbianiMonthname

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

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

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

The default is to use mappings.

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

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

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

The default is to show the day of month.

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

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

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

The default is to show the year.

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

```
699 \DTMnewstyle%
```

```
700 {serbian}% label
```

```
701 {% date style
```

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

```
703 \ifDTMshowdown%
```

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

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

```
706 \DTMserbiandowdaysep%
```

```
707 \fi
```

```
708 \fi
```

```
709 \DTMifbool{serbian}{showdayofmonth}
```

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

```
711 {}%
```

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

```
713 {\DTMserbianimonthname{##2}}%
```

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

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

```
716 {%
```

```
717 \DTMserbianmonthyearsep%
```

```
718 ##1\DTMfinaldot{}%
```

```
719 }%
```

```
720 {}%
```

```
721 }%
```

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

```
723 \ifDTMshowdown%
```

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

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

```
726 \DTMserbiandowdaysep%
```

```
727 \fi
```

```
728 \fi
```

```
729 \DTMifbool{serbian}{showdayofmonth}
```

```
730 {%
```

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

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

```
733 {\DTMserbianimonthname{##2}}%
```

```

734     {\DTMserbiannoimonthname{##2}}%
735 }%
736 {%
737     \DTMifbool{serbian}{monthi}%
738     {\DTMserbianiMonthname{##2}}%
739     {\DTMserbiannoimonthname{##2}}%
740 }%
741 \DTMifbool{serbian}{showyear}%
742 {%
743     \DTMserbianmonthyearsep%

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

```



```

789     \DTMdisplayzone{##8}{##9}%
790     \fi
791 }%
792 }%

```

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

```

793     \newcommand*{\DTMserbianmonthordinal}[1]{%
794         \DTMifbool{serbian}{leadingzero}{\DTMtwdigits{#1}}{\number#1}.}%

```

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

```

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

```

Define numeric style.

```

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

```

```

837     \fi
838     \fi
839     \DTMifbool{serbian}{showdayofmonth}%
840     {\DTMserbiandayordinal{##3}\DTMserbiandaymonthsep}%
841     }%
842     \DTMserbianmonthordinal{##2}%
843     \DTMifbool{serbian}{showyear}%
844     {%
845         \DTMserbianmonthyearsep%

846         ##1\DTMfinaldot}%
847     }%
848     }%
849 }%
850 }%
851 {% time style
852     \renewcommand*\DTMdisplaytime[3]{%
853         \DTMifbool{serbian}{leadingzero}{\DTMtwdigits{##1}}{\number##1}%
854         \DTMserbiantimesep\DTMtwdigits{##2}%
855         \ifDTMshowseconds\DTMserbiantimesep\DTMtwdigits{##3}\fi
856     }%
857 }%
858 {% zone style
859     \DTMresetzones%
860     \DTMserbianzonemaps%
861     \renewcommand*\DTMdisplayzone[2]{%
862         \DTMifbool{serbian}{mapzone}%
863         {\DTMusedzonemapordefault{##1}{##2}}%
864         {%
865             \ifnum##1<0
866             \else+\fi\DTMtwdigits{##1}%
867             \ifDTMshowzoneminutes\DTMserbiantimesep\DTMtwdigits{##2}\fi
868         }%
869     }%
870 }%
871 {% full style
872     \renewcommand*\DTMdisplay[9]{%
873         \ifDTMshowdate%
874             \DTMdisplaydate{##1}{##2}{##3}{##4}%
875             \DTMserbiandatetimesep%
876             \fi
877             \DTMdisplaytime{##5}{##6}{##7}%
878             \ifDTMshowzone%
879                 \DTMserbiantimezonesep%
880                 \DTMdisplayzone{##8}{##9}%
881             \fi
882         }%
883     \renewcommand*\DTMdisplay{\DTMdisplay}%
884 }

```

`\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.

```

885 \newcommand*\DTMserbianzonemaps{%
886     \DTMdefzonemap{01}{00}{CET}%
887     \DTMdefzonemap{02}{00}{CEST}%

```

888 }

Switch style according to the `userregional` setting.

```
889 \DTMifcaseregional%
890 {}% do nothing
891 {\DTMsetstyle{serbian}}%
892 {\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.)

893 \ifcsundef{date\CurrentTrackedDialect}
894 {%
895   \ifundef\dateserbian%
896   {}% do nothing
897   }%
898   {%
899     \def\dateserbian{%
900       \DTMifcaseregional%
901       {}% do nothing
902       {\DTMsetstyle{serbian}}%
903       {\DTMsetstyle{serbian-numeric}}%
904     }%
905   }%
906 }%
907 {%
908   \csdef{date\CurrentTrackedDialect}{%
909     \DTMifcaseregional%
910     {}% do nothing

911     {\DTMsetstyle{serbian}}%
912     {\DTMsetstyle{serbian-numeric}}%
913   }%
914 }%
```

## 2.5 Serbian sr-Latn Code (`datetime2-sr-Latn.ldf`)

```
915 \ProvidesDateTimeModule{sr-Latn}[2019/11/22 v2.1.0]
```

Load appropriate regionless Serbian module.

```
916 \RequireDateTimeModule{serbian}
```

### 2.5.1 Defining the sr-Latn style

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

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

`\DTMsrLatndowdaysep` The separator between weekday and day.

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

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

```
918 \newcommand*\DTMsrLatndaymonthsep}{%
919   \DTMtexorpdfstring{\protect~}{\space}}%
920 }
```

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

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

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

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

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

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

```

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

```

### 2.5.2 *Switches and settings*

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

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

Provide a way to switch between Ekavian and Ijekavian pronunciation.

```

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

```

```

955     {\DTMserbianlatijWeekdayname}%
956 \fi
957 }

```

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

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

The default is without the i suffix.

```
959 \DTMsetbool{sr-Latn}{monthi}{false}
```

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

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

The default is to omit the leading zero.

```
961 \DTMsetbool{sr-Latn}{leadingzero}{false}
```

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

```

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

```

Define the month names.

`\DTMsrLatnnoimonthname`

```
966 \newcommand*{\DTMsrLatnnoimonthname}{\DTMserbianlatnoimonthname}
```

`\DTMsrLatnnoiMonthname`

```
967 \newcommand*{\DTMsrLatnnoiMonthname}{\DTMserbianlatnoiMonthname}
```

`\DTMsrLatnimonthname`

```
968 \newcommand*{\DTMsrLatnimonthname}{\DTMserbianlatimonthname}
```

`\DTMsrLatniMonthname`

```
969 \newcommand*{\DTMsrLatniMonthname}{\DTMserbianlatiMonthname}
```

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

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

The default is to use mappings.

```
971 \DTMsetbool{sr-Latn}{mapzone}{true}
```

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

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

The default is to show the day of month.

```
973 \DTMsetbool{sr-Latn}{showdayofmonth}{true}
```

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

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

The default is to show the year.

```
975 \DTMsetbool{sr-Latn}{showyear}{true}
```

```

976 \DTMnewstyle%
977 {sr-Latn}% label
978 {% date style
979   \renewcommand*\DTMdisplaydate[4]{%
980     \ifDTMshowdown%
981       \ifnum##4>-1
982         \DTMrLatnweekdayname{##4}%
983         \DTMrLatndowdaysep%
984       \fi
985     \fi
986     \DTMifbool{sr-Latn}{showdayofmonth}
987     {\DTMrLatndayordinal{##3}\DTMrLatndaymonthsep}%
988     }%
989     \DTMifbool{sr-Latn}{monthi}%
990     {\DTMrLatnmonthname{##2}}%
991     {\DTMrLatnnoimonthname{##2}}%
992     \DTMifbool{sr-Latn}{showyear}%
993     {%
994       \DTMrLatnmonthyearsep%

995       ##1\DTMfinaldot{}%
996     }%
997   }%
998 }%
999 \renewcommand*\DTMDisplaydate[4]{%
1000   \ifDTMshowdown%
1001     \ifnum##4>-1
1002       \DTMrLatnWeekdayname{##4}%
1003       \DTMrLatndowdaysep%
1004     \fi
1005   \fi
1006   \DTMifbool{sr-Latn}{showdayofmonth}
1007   {%
1008     \DTMrLatndayordinal{##3}\DTMrLatndaymonthsep%
1009     \DTMifbool{sr-Latn}{monthi}%
1010     {\DTMrLatnmonthname{##2}}%
1011     {\DTMrLatnnoimonthname{##2}}%
1012   }%
1013   {%
1014     \DTMifbool{sr-Latn}{monthi}%
1015     {\DTMrLatniMonthname{##2}}%
1016     {\DTMrLatnnoiMonthname{##2}}%
1017   }%
1018   \DTMifbool{sr-Latn}{showyear}%
1019   {%
1020     \DTMrLatnmonthyearsep%

1021     ##1\DTMfinaldot{}%
1022   }%
1023 }%
1024 }%
1025 }%
1026 {% time style
1027   \renewcommand*\DTMdisplaytime[3]{%
1028     \DTMifbool{sr-Latn}{leadingzero}{\DTMtwodigits{##1}}{\number##1}%
1029     \DTMrLatntimesep\DTMtwodigits{##2}%

```

```

1030   \ifDTMshowseconds\DTMsrLatntimesep\DTMtwodigits{##3}\fi
1031 }%
1032 }%
1033 {% zone style
1034   \DTMresetzones%
1035   \DTMsrLatnzonemaps%
1036   \renewcommand*{\DTMdisplayzone}[2]{%
1037     \DTMifbool{sr-Latn}{mapzone}%
1038     {\DTMusedzonemapordefault{##1}{##2}}%
1039     {%
1040       \ifnum##1<0
1041       \else+\fi\DTMtwodigits{##1}%
1042       \ifDTMshowzoneminutes\DTMsrLatntimesep\DTMtwodigits{##2}\fi
1043     }%
1044   }%
1045 }%
1046 {% full style
1047   \renewcommand*{\DTMdisplay}[9]{%
1048     \ifDTMshowdate%
1049     \DTMdisplaydate{##1}{##2}{##3}{##4}%
1050     \DTMsrLatndatetimesep%
1051     \fi
1052     \DTMdisplaytime{##5}{##6}{##7}%
1053     \ifDTMshowzone%
1054     \DTMsrLatntimezonesep%
1055     \DTMdisplayzone{##8}{##9}%
1056     \fi
1057   }%
1058   \renewcommand*{\DTMdisplay}[9]{%
1059     \ifDTMshowdate%
1060     \DTMdisplaydate{##1}{##2}{##3}{##4}%
1061     \DTMsrLatndatetimesep%
1062     \fi
1063     \DTMdisplaytime{##5}{##6}{##7}%
1064     \ifDTMshowzone%
1065     \DTMsrLatntimezonesep%
1066     \DTMdisplayzone{##8}{##9}%
1067     \fi
1068   }%
1069 }%

```

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

```

1070   \newcommand*{\DTMsrLatnmonthordinal}[1]{%
1071     \DTMifbool{sr-Latn}{leadingzero}\DTMtwodigits{#1}\number#1.}%

```

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

```

1072 \DTMdefchoicekey{sr-Latn}{monthord}%
1073 [\@dtm@val\@dtm@nr]{arabic,roman,romanlsc}%
1074 \ifcase\@dtm@nr\relax
1075   \renewcommand*{\DTMsrLatnmonthordinal}[1]{%
1076     \DTMifbool{sr-Latn}{leadingzero}%
1077     {\DTMtwodigits{##1}}\number##1\DTMsrLatndatesep}%
1078 \or%
1079   \renewcommand*{\DTMsrLatnmonthordinal}[1]{%

```

```

1080 \DTMtexorpdfstring{\protect\DTMserbianordinalROMAN{##1}}%
1081 {serbianordinalROMAN{##1}}}%
1082 \or%
1083 \renewcommand*\DTMSrLatnmonthordinal}[1]{%
1084 \DTMtexorpdfstring{\textsc{\protect\DTMserbianordinalroman{##1}}}%
1085 {serbianordinalROMAN{##1}}}%
1086 \fi
1087 }

```

Define numeric style.

```

1088 \DTMnewstyle%
1089 {sr-Latn-numeric}% label
1090 {% date style
1091 \renewcommand*\DTMdisplaydate[4]{%
1092 \ifDTMshowdown%
1093 \ifnum##4>-1
1094 \DTMSrLatnweekdayname{##4}%
1095 \DTMSrLatndowdaysep%
1096 \fi
1097 \fi
1098 \DTMifbool{sr-Latn}{showdayofmonth}%
1099 {\DTMSrLatndayordinal{##3}\DTMSrLatndaymonthsep}%
1100 {}%
1101 \DTMSrLatnmonthordinal{##2}%
1102 \DTMifbool{sr-Latn}{showyear}%
1103 {%
1104 \DTMSrLatnmonthyearsep%

1105 ##1\DTMfinaldot{}%
1106 }%
1107 {}%
1108 }%
1109 \renewcommand*\DTMDisplaydate[4]{%
1110 \ifDTMshowdown%
1111 \ifnum##4>-1
1112 \DTMSrLatnWeekdayname{##4}%
1113 \DTMSrLatndowdaysep%
1114 \fi
1115 \fi
1116 \DTMifbool{sr-Latn}{showdayofmonth}%
1117 {\DTMSrLatndayordinal{##3}\DTMSrLatndaymonthsep}%
1118 {}%
1119 \DTMSrLatnmonthordinal{##2}%
1120 \DTMifbool{sr-Latn}{showyear}%
1121 {%
1122 \DTMSrLatnmonthyearsep%

1123 ##1\DTMfinaldot{}%
1124 }%
1125 {}%
1126 }%
1127 }%
1128 {% time style
1129 \renewcommand*\DTMdisplaytime[3]{%
1130 \DTMifbool{sr-Latn}{leadingzero}{\DTMtwodigits{##1}}{\number##1}%
1131 \DTMSrLatntimesep\DTMtwodigits{##2}%

```



```

II32   \ifDTMshowseconds\DTMSrLatntimesep\DTMtwodigits{##3}\fi
II33   }%
II34 }%
II35 {% zone style
II36   \DTMresetzones%
II37   \DTMSrLatnzonemaps%
II38   \renewcommand*{\DTMdisplayzone}[2]{%
II39     \DTMifbool{sr-Latn}{mapzone}%
II40     {\DTMusedzonemapordefault{##1}{##2}}%
II41     {%
II42       \ifnum##1<0
II43       \else+\fi\DTMtwodigits{##1}%
II44       \ifDTMshowzoneminutes\DTMSrLatntimesep\DTMtwodigits{##2}\fi
II45     }%
II46   }%
II47 }%
II48 {% full style
II49   \renewcommand*{\DTMdisplay}[9]{%
II50     \ifDTMshowdate%
II51       \DTMdisplaydate{##1}{##2}{##3}{##4}%
II52       \DTMSrLatndatetimesep%
II53     \fi
II54     \DTMdisplaytime{##5}{##6}{##7}%
II55     \ifDTMshowzone%
II56       \DTMSrLatntimezonesep%
II57       \DTMdisplayzone{##8}{##9}%
II58     \fi
II59   }%
II60   \renewcommand*{\DTMdisplay}{\DTMdisplay}%
II61 }

```

`\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.

```

II62 \newcommand*{\DTMSrLatnzonemaps}{%
II63   \DTMdefzonemap{01}{00}{CET}%
II64   \DTMdefzonemap{02}{00}{CEST}%
II65 }

```

Switch style according to the user regional setting.

```

II66 \DTMifcaseregional%
II67 {}% do nothing
II68 {\DTMsetstyle{sr-Latn}}%
II69 {\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.)

```

II70 \ifcsundef{date\CurrentTrackedDialect}
II71 {%
II72   \ifundef\dateserbian%
II73   {% do nothing
II74   }%
II75   {%
II76     \def\dateserbian{%
II77       \DTMifcaseregional%
II78       }% do nothing

```

```

1179     {\DTMsetstyle{sr-Latn}}%
1180     {\DTMsetstyle{sr-Latn-numeric}}%
1181   }%
1182 }%
1183 }%
1184 {%
1185   \csdef{date\CurrentTrackedDialect}{%
1186     \DTMifcaseregional%
1187     {}}% do nothing

1188     {\DTMsetstyle{sr-Latn}}%
1189     {\DTMsetstyle{sr-Latn-numeric}}%
1190   }%
1191 }%

```

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

```
1192 \ProvidesDateTimeModule{sr-Latn-RS}[2019/11/22 v2.1.0]
```

Load appropriate regionless Serbian module.

```
1193 \RequireDateTimeModule{serbian}
```

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

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

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

`\DTMsrLatnRSdowdaysep` The separator between weekday and day.

```
1194 \newcommand*{\DTMsrLatnRSdowdaysep}{, \space}
```

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

```
1195 \newcommand*{\DTMsrLatnRSdaymonthsep}{%
1196   \DTMtexorpdfstring{\protect~}{\space}}%
1197 }
```

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

```
1198 \newcommand*{\DTMsrLatnRSmonthyearsep}{\space}
```

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

```
1199 \newcommand*{\DTMsrLatnRSdatetimesep}{\space}
```

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

```
1200 \newcommand*{\DTMsrLatnRStimezonesep}{\space}
```

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

```
1201 \newcommand*{\DTMsrLatnRSdatesep}{. }
```

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

```
1202 \newcommand*{\DTMsrLatnRStimesep}{. }
```

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

```

I203 \DTMdefkey{sr-Latn-RS}{dowdaysep}%
I204     {\renewcommand*\DTMSr-Latn-RSdowdaysep}{#1}}
I205 \DTMdefkey{sr-Latn-RS}{daymonthsep}%
I206     {\renewcommand*\DTMSr-Latn-RSdaymonthsep}{#1}}
I207 \DTMdefkey{sr-Latn-RS}{monthyearsep}%
I208     {\renewcommand*\DTMSr-Latn-RSmonthyearsep}{#1}}
I209 \DTMdefkey{sr-Latn-RS}{datetimesep}%
I210     {\renewcommand*\DTMSr-Latn-RSdatetimesep}{#1}}
I211 \DTMdefkey{sr-Latn-RS}{timezonesep}%
I212     {\renewcommand*\DTMSr-Latn-RStimezonesep}{#1}}
I213 \DTMdefkey{sr-Latn-RS}{datesep}%
I214     {\renewcommand*\DTMSr-Latn-RSdatesep}{#1}}
I215 \DTMdefkey{sr-Latn-RS}{timesep}%
I216     {\renewcommand*\DTMSr-Latn-RStimesep}{#1}}

```

### 2.6.2 Switches and settings

`\DTMSrLatnRSweekdayname` Define the weekday name, lowercase.

```

I217 \newcommand*\DTMSrLatnRSweekdayname}%
I218 {\DTMserbianlatekweekdayname}

```

`\DTMSrLatnRSweekdayname` Define the weekday name, capitalized.

```

I219 \newcommand*\DTMSrLatnRSweekdayname}%
I220 {\DTMserbianlatekWeekdayname}

```

Provide a way to switch between Ekavian and Ijekavian pronunciation.

```

I221 \DTMdefchoicekey{sr-Latn-RS}%
I222     {pronunciation}[\@dtm@val\@dtm@nr]{ekavian,ijekavian}{%
I223     \ifcase\@dtm@nr\relax
I224     \renewcommand*\DTMSrLatnRSweekdayname}%
I225     {\DTMserbianlatekweekdayname}%
I226     \renewcommand*\DTMSrLatnRSweekdayname}%
I227     {\DTMserbianlatekWeekdayname}%
I228     \or%
I229     \renewcommand*\DTMSrLatnRSweekdayname}%
I230     {\DTMserbianlatijweekdayname}%
I231     \renewcommand*\DTMSrLatnRSweekdayname}
I232     {\DTMserbianlatijWeekdayname}%
I233     \fi
I234 }

```

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

```

I235 \DTMdefboolkey{sr-Latn-RS}{monthi}[true]{}

```

The default is without the *i* suffix.

```

I236 \DTMsetbool{sr-Latn-RS}{monthi}{false}

```

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

```

I237 \DTMdefboolkey{sr-Latn-RS}{leadingzero}[true]{}

```

The default is to omit the leading zero.

```

I238 \DTMsetbool{sr-Latn-RS}{leadingzero}{false}

```

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

```
l239 \newcommand*\DTMsrlatnRSdayordinal[1]{%
l240 \DTMifbool{sr-Latn-RS}{leadingzero}%
l241 {\DTMtwodigits{#1}}%
l242 {\number#1}\DTMsrlatnRSdatesep}%
```

Define the month names.

`\DTMsrlatnRSnoimonthname`

```
l243 \newcommand*\DTMsrlatnRSnoimonthname{\DTMserbianlatnoimonthname}
```

`\DTMsrlatnRSnoiMonthname`

```
l244 \newcommand*\DTMsrlatnRSnoiMonthname{\DTMserbianlatnoiMonthname}
```

`\DTMsrlatnRSimonthname`

```
l245 \newcommand*\DTMsrlatnRSimonthname{\DTMserbianlatimonthname}
```

`\DTMsrlatnRSiMonthname`

```
l246 \newcommand*\DTMsrlatnRSiMonthname{\DTMserbianlatiMonthname}
```

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

```
l247 \DTMdefboolkey{sr-Latn-RS}{mapzone}[true]{}
```

The default is to use mappings.

```
l248 \DTMsetbool{sr-Latn-RS}{mapzone}{true}
```

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

```
l249 \DTMdefboolkey{sr-Latn-RS}{showdayofmonth}[true]{}
```

The default is to show the day of month.

```
l250 \DTMsetbool{sr-Latn-RS}{showdayofmonth}{true}
```

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

```
l251 \DTMdefboolkey{sr-Latn-RS}{showyear}[true]{}
```

The default is to show the year.

```
l252 \DTMsetbool{sr-Latn-RS}{showyear}{true}
```

```
l253 \DTMnewstyle%
```

```
l254 {sr-Latn-RS}% label
```

```
l255 {% date style
```

```
l256 \renewcommand*\DTMdisplaydate[4]{%
```

```
l257 \ifDTMshowdow%
```

```
l258 \ifnum##4>-1
```

```
l259 \DTMsrlatnRSweekdayname{##4}%
```

```
l260 \DTMsrlatnRSdowdaysep%
```

```
l261 \fi
```

```
l262 \fi
```

```
l263 \DTMifbool{sr-Latn-RS}{showdayofmonth}
```

```
l264 {\DTMsrlatnRSdayordinal{##3}\DTMsrlatnRSdaymonthsep}%
```

```
l265 }%
```

```
l266 \DTMifbool{sr-Latn-RS}{monthi}%
```

```
l267 {\DTMsrlatnRSimonthname{##2}}%
```

```
l268 {\DTMsrlatnRSnoimonthname{##2}}%
```

```
l269 \DTMifbool{sr-Latn-RS}{showyear}%
```

```
l270 {%
```

```
l271 \DTMsrlatnRSmonthyearsep%
```

```

1272     ##1\DTMfinaldot{%
1273     }%
1274     {%
1275     }%
1276     \renewcommand*\DTMDisplaydate[4]{%
1277     \ifDTMshowdow%
1278     \ifnum##4>-1
1279     \DTMsrLatnRSWeekdayname{##4}%
1280     \DTMsrLatnRSdowdaysep%
1281     \fi
1282     \fi
1283     \DTMifbool{sr-Latn-RS}{showdayofmonth}
1284     {%
1285     \DTMsrLatnRSdayordinal{##3}\DTMsrLatnRSdaymonthsep%
1286     \DTMifbool{sr-Latn-RS}{monthi}%
1287     {\DTMsrLatnRSimonthname{##2}}%
1288     {\DTMsrLatnRSnoimonthname{##2}}%
1289     }%
1290     {%
1291     \DTMifbool{sr-Latn-RS}{monthi}%
1292     {\DTMsrLatnRSiMonthname{##2}}%
1293     {\DTMsrLatnRSnoiMonthname{##2}}%
1294     }%
1295     \DTMifbool{sr-Latn-RS}{showyear}%
1296     {%
1297     \DTMsrLatnRSmonthyearsep%

1298     ##1\DTMfinaldot{%
1299     }%
1300     {%
1301     }%
1302     }%
1303     {% time style
1304     \renewcommand*\DTMdisplaytime[3]{%
1305     \DTMifbool{sr-Latn-RS}{leadingzero}\DTMtwodigits{##1}\number##1}%
1306     \DTMsrLatnRStimesep\DTMtwodigits{##2}%
1307     \ifDTMshowseconds\DTMsrLatnRStimesep\DTMtwodigits{##3}\fi
1308     }%
1309     }%
1310     {% zone style
1311     \DTMresetzones%
1312     \DTMsrLatnRSzonemaps%
1313     \renewcommand*\DTMdisplayzone}[2]{%
1314     \DTMifbool{sr-Latn-RS}{mapzone}%
1315     {\DTMusedzonemapordefault{##1}{##2}}%
1316     {%
1317     \ifnum##1<0
1318     \else+\fi\DTMtwodigits{##1}%
1319     \ifDTMshowzoneminutes\DTMsrLatnRStimesep\DTMtwodigits{##2}\fi
1320     }%
1321     }%
1322     }%
1323     {% full style
1324     \renewcommand*\DTMdisplay}[9]{%
1325     \ifDTMshowdate%
1326     \DTMdisplaydate{##1}{##2}{##3}{##4}%

```

```

1327     \DTMsrlatnRSdatetimesep%
1328     \fi
1329     \DTMdisplaytime{##5}{##6}{##7}%
1330     \ifDTMshowzone%
1331         \DTMsrlatnRStimezonesep%
1332         \DTMdisplayzone{##8}{##9}%
1333     \fi
1334 }%
1335 \renewcommand*\DTMdisplay}[9]{%
1336     \ifDTMshowdate%
1337         \DTMdisplaydate{##1}{##2}{##3}{##4}%
1338         \DTMsrlatnRSdatetimesep%
1339     \fi
1340     \DTMdisplaytime{##5}{##6}{##7}%
1341     \ifDTMshowzone%
1342         \DTMsrlatnRStimezonesep%
1343         \DTMdisplayzone{##8}{##9}%
1344     \fi
1345 }%
1346 }%

```

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

```

1347     \newcommand*\DTMsrlatnRSmonthordinal}[1]{%
1348         \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.

```

1349 \DTMdefchoicekey{sr-Latn-RS}{monthord}%
1350 [\@dtm@val\@dtm@nr]{arabic,roman,romanlsc}{%
1351     \ifcase\@dtm@nr\relax
1352     \renewcommand*\DTMsrlatnRSmonthordinal}[1]{%
1353         \DTMifbool{sr-Latn-RS}{leadingzero}%
1354         {\DTMtwodigits{##1}{\number##1}\DTMsrlatnRSdatesep}%
1355     \or%
1356     \renewcommand*\DTMsrlatnRSmonthordinal}[1]{%
1357         \DTMtexorpdfstring{\protect\DTMserbianordinalROMAN{##1}}%
1358         {serbianordinalROMAN{##1}}}%
1359     \or%
1360     \renewcommand*\DTMsrlatnRSmonthordinal}[1]{%
1361         \DTMtexorpdfstring{\textsc{\protect\DTMserbianordinalroman{##1}}}%
1362         {serbianordinalROMAN{##1}}}%
1363     \fi
1364 }

```

Define numeric style.

```

1365 \DTMnewstyle%
1366 {sr-Latn-RS-numeric}% label
1367 {% date style
1368     \renewcommand*\DTMdisplaydate[4]{%
1369         \ifDTMshowdow%
1370             \ifnum##4>-1
1371                 \DTMsrlatnRSweekdayname{##4}%
1372                 \DTMsrlatnRSdowdaysep%
1373             \fi
1374         \fi

```

```

1375 \DTMifbool{sr-Latn-RS}{showdayofmonth}%
1376 {\DTMsrlatnRSdayordinal{##3}\DTMsrlatnRSdaymonthsep}%
1377 }%
1378 \DTMsrlatnRSmonthordinal{##2}%
1379 \DTMifbool{sr-Latn-RS}{showyear}%
1380 {%
1381 \DTMsrlatnRSmonthyearsep%

1382 ##1\DTMfinaldot{}%
1383 }%
1384 }%
1385 }%
1386 \renewcommand*{\DTMdisplaydate[4]{%
1387 \ifDTMshowdow%
1388 \ifnum##4>-1
1389 \DTMsrlatnRSweekdayname{##4}%
1390 \DTMsrlatnRSdowdaysep%
1391 \fi
1392 \fi
1393 \DTMifbool{sr-Latn-RS}{showdayofmonth}%
1394 {\DTMsrlatnRSdayordinal{##3}\DTMsrlatnRSdaymonthsep}%
1395 }%
1396 \DTMsrlatnRSmonthordinal{##2}%
1397 \DTMifbool{sr-Latn-RS}{showyear}%
1398 {%
1399 \DTMsrlatnRSmonthyearsep%

1400 ##1\DTMfinaldot{}%
1401 }%
1402 }%
1403 }%
1404 }%
1405 {% time style
1406 \renewcommand*{\DTMdisplaytime[3]{%
1407 \DTMifbool{sr-Latn-RS}{leadingzero}\DTMtwodigits{##1}\number##1}%
1408 \DTMsrlatnRStimesep\DTMtwodigits{##2}%
1409 \ifDTMshowseconds\DTMsrlatnRStimesep\DTMtwodigits{##3}\fi
1410 }%
1411 }%
1412 {% zone style
1413 \DTMresetzones%
1414 \DTMsrlatnRSzonemaps%
1415 \renewcommand*{\DTMdisplayzone}[2]{%
1416 \DTMifbool{sr-Latn-RS}{mapzone}%
1417 {\DTMusedzonemapordefault{##1}{##2}}%
1418 {%
1419 \ifnum##1<0
1420 \else+\fi\DTMtwodigits{##1}%
1421 \ifDTMshowzoneminutes\DTMsrlatnRStimesep\DTMtwodigits{##2}\fi
1422 }%
1423 }%
1424 }%
1425 {% full style
1426 \renewcommand*{\DTMdisplay}[9]{%
1427 \ifDTMshowdate%
1428 \DTMdisplaydate{##1}{##2}{##3}{##4}%

```

```

1429     \DTMSrLatnRSdatetimesep%
1430     \fi
1431     \DTMdisplaytime{##5}{##6}{##7}%
1432     \ifDTMshowzone%
1433         \DTMSrLatnRStimezonesep%
1434         \DTMdisplayzone{##8}{##9}%
1435     \fi
1436 }%
1437 \renewcommand*{\DTMDisplay}{\DTMdisplay}%
1438 }

```

`\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.

```

1439 \newcommand*{\DTMSrLatnRSzonemaps}{%
1440     \DTMdefzonemap{01}{00}{CET}%
1441     \DTMdefzonemap{02}{00}{CEST}%
1442 }

```

Switch style according to the user regional setting.

```

1443 \DTMifcaseregional%
1444 {}% do nothing
1445 {\DTMsetstyle{sr-Latn-RS}}%
1446 {\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.)

```

1447 \ifcsundef{date\CurrentTrackedDialect}
1448 {%
1449     \ifundef\dateserbian%
1450     {% do nothing
1451     }%
1452     {%
1453         \def\dateserbian{%
1454             \DTMifcaseregional%
1455             {}% do nothing
1456             {\DTMsetstyle{sr-Latn-RS}}%
1457             {\DTMsetstyle{sr-Latn-RS-numeric}}%
1458         }%
1459     }%
1460 }%
1461 {%
1462     \csdef{date\CurrentTrackedDialect}{%
1463         \DTMifcaseregional%
1464         {}% do nothing
1465         {\DTMsetstyle{sr-Latn-RS}}%
1466         {\DTMsetstyle{sr-Latn-RS-numeric}}%
1467     }%
1468 }%

```

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

```

1469 \ProvidesDateTimeModule{sr-Latn-ME}[2019/11/22 v2.1.0]

```

Load appropriate regionless Serbian module.



1470 \RequireDateTimeModule{serbian}

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

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

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

`\DTMsrLatnMEdowdaysep` The separator between weekday and day.

```
1471 \newcommand*\DTMsrLatnMEdowdaysep}{, \space}
```

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

```
1472 \newcommand*\DTMsrLatnMEdaymonthsep}{%
1473 \DTMtexorpdfstring{\protect~}{\space}%
1474 }
```

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

```
1475 \newcommand*\DTMsrLatnMEmonthyearsep}{\space}
```

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

```
1476 \newcommand*\DTMsrLatnMEdatetimesep}{\space}
```

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

```
1477 \newcommand*\DTMsrLatnMEtimezonesep}{\space}
```

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

```
1478 \newcommand*\DTMsrLatnMEdatesep}{. }
```

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

```
1479 \newcommand*\DTMsrLatnMETimesep}{. }
```

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

```
1480 \DTMdefkey{sr-Latn-ME}{dowdaysep}%
1481   {\renewcommand*\DTMsr-Latn-MEdowdaysep}{#1}}
1482 \DTMdefkey{sr-Latn-ME}{daymonthsep}%
1483   {\renewcommand*\DTMsr-Latn-MEdaymonthsep}{#1}}
1484 \DTMdefkey{sr-Latn-ME}{monthyearsep}%
1485   {\renewcommand*\DTMsr-Latn-MEmonthyearsep}{#1}}
1486 \DTMdefkey{sr-Latn-ME}{datetimesep}%
1487   {\renewcommand*\DTMsr-Latn-MEdatetimesep}{#1}}
1488 \DTMdefkey{sr-Latn-ME}{timezonesep}%
1489   {\renewcommand*\DTMsr-Latn-MEtimezonesep}{#1}}
1490 \DTMdefkey{sr-Latn-ME}{datesep}%
1491   {\renewcommand*\DTMsr-Latn-MEdatesep}{#1}}
1492 \DTMdefkey{sr-Latn-ME}{timesep}%
1493   {\renewcommand*\DTMsr-Latn-METimesep}{#1}}
```

### 2.7.2 Switches and settings

`\DTMsrLatnMEweekdayname` Define the weekday name, lowercase.

```
1494 \newcommand*\DTMsrLatnMEweekdayname}%
1495 {\DTMserbianlatijweekdayname}
```

`\DTMsrlatnMEweekdayname` Define the weekday name, capitalized.

```
1496 \newcommand*\DTMsrlatnMEweekdayname{%
1497     {\DTMserbianlatijweekdayname}}
```

Provide a way to switch between Ekavian and Ijekavian pronunciation.

```
1498 \DTMdefchoicekey{sr-Latn-ME}%
1499     {pronunciation}[\@dtm@val\@dtm@nr]{ekavian,ijekavian}{%
1500     \ifcase\@dtm@nr\relax
1501     \renewcommand*\DTMsrlatnMEweekdayname}%
1502     {\DTMserbianlatekweekdayname}%
1503     \renewcommand*\DTMsrlatnMEweekdayname}%
1504     {\DTMserbianlatekweekdayname}%
1505     \or%
1506     \renewcommand*\DTMsrlatnMEweekdayname}%
1507     {\DTMserbianlatijweekdayname}%
1508     \renewcommand*\DTMsrlatnMEweekdayname}%
1509     {\DTMserbianlatijweekdayname}%
1510     \fi
1511 }
```

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

```
1512 \DTMdefboolkey{sr-Latn-ME}{monthi}[true]{}

```

The default is without the i suffix.

```
1513 \DTMsetbool{sr-Latn-ME}{monthi}{false}

```

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

```
1514 \DTMdefboolkey{sr-Latn-ME}{leadingzero}[true]{}

```

The default is to omit the leading zero.

```
1515 \DTMsetbool{sr-Latn-ME}{leadingzero}{false}

```

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

```
1516 \newcommand*\DTMsrlatnMEdayordinal[1]{%
1517     \DTMifbool{sr-Latn-ME}{leadingzero}%
1518     {\DTMtwdigits{#1}}%
1519     {\number#1}\DTMsrlatnMEdatesep}%

```

Define the month names.

`\DTMsrlatnMEnoimonthname`

```
1520 \newcommand*\DTMsrlatnMEnoimonthname{\DTMserbianlatnoimonthname}

```

`\DTMsrlatnMEiMonthname`

```
1521 \newcommand*\DTMsrlatnMEiMonthname{\DTMserbianlatnoiMonthname}

```

`\DTMsrlatnMEimonthname`

```
1522 \newcommand*\DTMsrlatnMEimonthname{\DTMserbianlatimonthname}

```

`\DTMsrlatnMEiMonthname`

```
1523 \newcommand*\DTMsrlatnMEiMonthname{\DTMserbianlatiMonthname}

```

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

```
1524 \DTMdefboolkey{sr-Latn-ME}{mapzone}[true]{}

```

The default is to use mappings.

```
1525 \DTMsetbool{sr-Latn-ME}{mapzone}{true}
```

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

```
1526 \DTMdefboolkey{sr-Latn-ME}{showdayofmonth}[true]{}  
1527 \DTMsetbool{sr-Latn-ME}{showdayofmonth}{true}
```

The default is to show the day of month.

```
1527 \DTMsetbool{sr-Latn-ME}{showdayofmonth}{true}
```

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

```
1528 \DTMdefboolkey{sr-Latn-ME}{showyear}[true]{}  
1529 \DTMsetbool{sr-Latn-ME}{showyear}{true}
```

The default is to show the year.

```
1529 \DTMsetbool{sr-Latn-ME}{showyear}{true}
```

```
1530 \DTMnewstyle%  
1531 {sr-Latn-ME}% label  
1532 {% date style  
1533   \renewcommand*\DTMdisplaydate[4]{%  
1534     \ifDTMshowdow%  
1535       \ifnum##4>-1  
1536         \DTMrLatnMEweekdayname{##4}%  
1537         \DTMrLatnMEdowdaysep%  
1538       \fi  
1539     \fi  
1540     \DTMifbool{sr-Latn-ME}{showdayofmonth}  
1541     {\DTMrLatnMEDayordinal{##3}\DTMrLatnMEDaymonthsep%  
1542     }%  
1543     \DTMifbool{sr-Latn-ME}{monthi}%  
1544     {\DTMrLatnMEimonthname{##2}}%  
1545     {\DTMrLatnMEnoimonthname{##2}}%  
1546     \DTMifbool{sr-Latn-ME}{showyear}%  
1547     {%  
1548       \DTMrLatnMEMonthyearsep%  
  
1549       ##1\DTMfinaldot}%  
1550     }%  
1551   }%  
1552 }%  
1553 \renewcommand*\DTMdisplaydate[4]{%  
1554   \ifDTMshowdow%  
1555     \ifnum##4>-1  
1556       \DTMrLatnMEWeekdayname{##4}%  
1557       \DTMrLatnMEdowdaysep%  
1558     \fi  
1559   \fi  
1560   \DTMifbool{sr-Latn-ME}{showdayofmonth}  
1561   {%  
1562     \DTMrLatnMEDayordinal{##3}\DTMrLatnMEDaymonthsep%  
1563     \DTMifbool{sr-Latn-ME}{monthi}%  
1564     {\DTMrLatnMEimonthname{##2}}%  
1565     {\DTMrLatnMEnoimonthname{##2}}%  
1566   }%  
1567   {%  
1568     \DTMifbool{sr-Latn-ME}{monthi}%  
1569     {\DTMrLatnMEiMonthname{##2}}%  
1570     {\DTMrLatnMEnoiMonthname{##2}}%
```

```

1571 }%
1572 \DTMi fbool{sr-Latn-ME}{showyear}%
1573 {%
1574     \DTMs rLatnMEmonthyearsep%

1575     ##1\DTMfinaldot{%
1576     }%
1577     {%
1578     }%
1579 }%
1580 {% time style
1581     \renewcommand*\DTMdisplaytime[3]{%
1582         \DTMi fbool{sr-Latn-ME}{leadingzero}{\DTMt wodigits{##1}}{\number##1}%
1583         \DTMs rLatnMEtimesep\DTMt wodigits{##2}%
1584         \ifDTMshowseconds\DTMs rLatnMEtimesep\DTMt wodigits{##3}\fi
1585     }%
1586 }%
1587 {% zone style
1588     \DTMresetzones%
1589     \DTMs rLatnMEzonemaps%
1590     \renewcommand*\DTMdisplayzone[2]{%
1591         \DTMi fbool{sr-Latn-ME}{mapzone}%
1592         {\DTMusedzonemapordefault{##1}{##2}}%
1593         {%
1594             \ifnum##1<0
1595             \else+\fi\DTMt wodigits{##1}%
1596             \ifDTMshowzoneminutes\DTMs rLatnMEtimesep\DTMt wodigits{##2}\fi
1597         }%
1598     }%
1599 }%
1600 {% full style
1601     \renewcommand*\DTMdisplay[9]{%
1602         \ifDTMshowdate%
1603             \DTMdisplaydate{##1}{##2}{##3}{##4}%
1604             \DTMs rLatnMEdatetimesep%
1605             \fi
1606             \DTMdisplaytime{##5}{##6}{##7}%
1607             \ifDTMshowzone%
1608                 \DTMs rLatnMEtimezonesep%
1609                 \DTMdisplayzone{##8}{##9}%
1610             \fi
1611         }%
1612     \renewcommand*\DTMdisplay[9]{%
1613         \ifDTMshowdate%
1614             \DTMdisplaydate{##1}{##2}{##3}{##4}%
1615             \DTMs rLatnMEdatetimesep%
1616             \fi
1617             \DTMdisplaytime{##5}{##6}{##7}%
1618             \ifDTMshowzone%
1619                 \DTMs rLatnMEtimezonesep%
1620                 \DTMdisplayzone{##8}{##9}%
1621             \fi
1622         }%
1623     }%

```

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

```
1624 \newcommand*\DTMsrLatnMEmonthordinal}[1]{%
1625     \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.

```
1626 \DTMdefchoicekey{sr-Latn-ME}{monthord}%
1627 [\@dtm@val\@dtm@nr]{arabic,roman,romanlsc}{%
1628     \ifcase\@dtm@nr\relax
1629     \renewcommand*\DTMsrLatnMEmonthordinal}[1]{%
1630         \DTMifbool{sr-Latn-ME}{leadingzero}%
1631         {\DTMtwodigits{##1}}{\number##1}\DTMsrLatnMEdatesep}%
1632 \or%
1633 \renewcommand*\DTMsrLatnMEmonthordinal}[1]{%
1634     \DTMtexorpdfstring{\protect\DTMserbianordinalROMAN{##1}}%
1635     {serbianordinalROMAN{##1}}}%
1636 \or%
1637 \renewcommand*\DTMsrLatnMEmonthordinal}[1]{%
1638     \DTMtexorpdfstring{\textsc{\protect\DTMserbianordinalroman{##1}}}%
1639     {serbianordinalROMAN{##1}}}%
1640 \fi
1641 }
```

Define numeric style.

```
1642 \DTMnewstyle%
1643 {sr-Latn-ME-numeric}% label
1644 {% date style
1645     \renewcommand*\DTMdisplaydate[4]{%
1646         \ifDTMshowdow%
1647             \ifnum##4>-1
1648                 \DTMsrLatnMEweekdayname{##4}%
1649                 \DTMsrLatnMEdowdaysep%
1650             \fi
1651         \fi
1652         \DTMifbool{sr-Latn-ME}{showdayofmonth}%
1653         {\DTMsrLatnMEDayordinal{##3}\DTMsrLatnMEDaymonthsep}%
1654         {}%
1655         \DTMsrLatnMEmonthordinal{##2}%
1656         \DTMifbool{sr-Latn-ME}{showyear}%
1657         {%
1658             \DTMsrLatnMEmonthyearsep%
1659             ##1\DTMfinaldot{}%
1660         }%
1661     }%
1662 }%
1663 \renewcommand*\DTMdisplaydate[4]{%
1664     \ifDTMshowdow%
1665         \ifnum##4>-1
1666             \DTMsrLatnMEWeekdayname{##4}%
1667             \DTMsrLatnMEdowdaysep%
1668         \fi
1669     \fi
1670     \DTMifbool{sr-Latn-ME}{showdayofmonth}%
1671     {\DTMsrLatnMEDayordinal{##3}\DTMsrLatnMEDaymonthsep}%
1672     {}%
```

```

1673 \DTMSrLatnMEmonthordinal{##2}%
1674 \DTMifbool{sr-Latn-ME}{showyear}%
1675 {%
1676 \DTMSrLatnMEmonthyearsep%

1677 ##1\DTMfinaldot{}%
1678 }%
1679 {}%
1680 }%
1681 }%
1682 {% time style
1683 \renewcommand*\DTMdisplaytime[3]{%
1684 \DTMifbool{sr-Latn-ME}{leadingzero}{\DTMtwdigits{##1}}{\number##1}%
1685 \DTMSrLatnMEtimesep\DTMtwdigits{##2}%
1686 \ifDTMshowseconds\DTMSrLatnMEtimesep\DTMtwdigits{##3}\fi
1687 }%
1688 }%
1689 {% zone style
1690 \DTMresetzones%
1691 \DTMSrLatnMEzonemaps%
1692 \renewcommand*\DTMdisplayzone[2]{%
1693 \DTMifbool{sr-Latn-ME}{mapzone}%
1694 {\DTMusedzonemapordefault{##1}{##2}}%
1695 {%
1696 \ifnum##1<0
1697 \else+\fi\DTMtwdigits{##1}%
1698 \ifDTMshowzoneminutes\DTMSrLatnMEtimesep\DTMtwdigits{##2}\fi
1699 }%
1700 }%
1701 }%
1702 {% full style
1703 \renewcommand*\DTMdisplay[9]{%
1704 \ifDTMshowdate%
1705 \DTMdisplaydate{##1}{##2}{##3}{##4}%
1706 \DTMSrLatnMEdatetimesep%
1707 \fi
1708 \DTMdisplaytime{##5}{##6}{##7}%
1709 \ifDTMshowzone%
1710 \DTMSrLatnMEtimezonesep%
1711 \DTMdisplayzone{##8}{##9}%
1712 \fi
1713 }%
1714 \renewcommand*\DTMdisplay{\DTMdisplay}%
1715 }

```

`\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.

```

1716 \newcommand*\DTMSrLatnMEzonemaps{%
1717 \DTMdefzonemap{01}{00}{CET}%
1718 \DTMdefzonemap{02}{00}{CEST}%
1719 }

```

Switch style according to the user regional setting.

```

1720 \DTMifcaseregional%
1721 {}% do nothing

```

```

I722 {\DTMsetstyle{sr-Latn-ME}}%
I723 {\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.)
I724 \ifcsundef{date\CurrentTrackedDialect}
I725 {%
I726   \ifundef\dateserbian%
I727   {% do nothing
I728   }%
I729   {%
I730     \def\dateserbian{%
I731       \DTMifcaseregional%
I732       }{% do nothing
I733       {\DTMsetstyle{sr-Latn-ME}}%
I734       {\DTMsetstyle{sr-Latn-ME-numeric}}%
I735     }%
I736   }%
I737 }%
I738 {%
I739   \csdef{date\CurrentTrackedDialect}{%
I740     \DTMifcaseregional%
I741     }{% do nothing
I742     {\DTMsetstyle{sr-Latn-ME}}%
I743     {\DTMsetstyle{sr-Latn-ME-numeric}}%
I744   }%
I745 }%

```

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

```
I746 \ProvidesDateTimeModule{sr-Latn-BA}[2019/11/22 v2.1.0]
```

Load appropriate regionless Serbian module.

```
I747 \RequireDateTimeModule{serbian}
```

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

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

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

`\DTMrLatnBAowdaysep` The separator between weekday and day.

```
I748 \newcommand*\DTMrLatnBAowdaysep}{, \space}
```

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

```

I749 \newcommand*\DTMrLatnBAdaymonthsep}{%
I750   \DTMtexorpdfstring{\protect~}{\space}%
I751 }

```

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

```
I752 \newcommand*\DTMrLatnBAmontyearsep}{\space}
```

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

```
I753 \newcommand*\DTMrLatnBAdatetimesep}{\space}
```

`\DTMsrlatnBAtimezonesep` The separator between the time and zone blocks in the full format (either text or numeric).  
 1754 `\newcommand*\DTMsrlatnBAtimezonesep}{\space}`

`\DTMsrlatnBAdatesep` The separator for the numeric date format.  
 1755 `\newcommand*\DTMsrlatnBAdatesep}{.}`

`\DTMsrlatnBATimesep` The separator for the numeric time format.  
 1756 `\newcommand*\DTMsrlatnBATimesep}{.}`

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

```
1757 \DTMdefkey{sr-Latn-BA}{dowdaysep}%
1758     {\renewcommand*\DTMsrlatnBA{dowdaysep}{#1}}
1759 \DTMdefkey{sr-Latn-BA}{daymonthsep}%
1760     {\renewcommand*\DTMsrlatnBA{daymonthsep}{#1}}
1761 \DTMdefkey{sr-Latn-BA}{monthyearsep}%
1762     {\renewcommand*\DTMsrlatnBA{monthyearsep}{#1}}
1763 \DTMdefkey{sr-Latn-BA}{datetimesep}%
1764     {\renewcommand*\DTMsrlatnBA{datetimesep}{#1}}
1765 \DTMdefkey{sr-Latn-BA}{timezonesep}%
1766     {\renewcommand*\DTMsrlatnBA{timezonesep}{#1}}
1767 \DTMdefkey{sr-Latn-BA}{datesep}%
1768     {\renewcommand*\DTMsrlatnBA{datesep}{#1}}
1769 \DTMdefkey{sr-Latn-BA}{timesep}%
1770     {\renewcommand*\DTMsrlatnBA{timesep}{#1}}
```

### 2.8.2 Switches and settings

`\DTMsrlatnBAweekdayname` Define the weekday name, lowercase.  
 1771 `\newcommand*\DTMsrlatnBAweekdayname}%`  
 1772 `{\DTMserbianlatijweekdayname}`

`\DTMsrlatnBAWeekdayname` Define the weekday name, capitalized.  
 1773 `\newcommand*\DTMsrlatnBAWeekdayname}%`  
 1774 `{\DTMserbianlatijWeekdayname}`

Provide a way to switch between Ekavian and Ijekavian pronunciation.

```
1775 \DTMdefchoicekey{sr-Latn-BA}%
1776     {pronunciation}[\@dtm@val\@dtm@nr]{ekavian,ijekavian}{%
1777     \ifcase\@dtm@nr\relax
1778     \renewcommand*\DTMsrlatnBAweekdayname}%
1779     {\DTMserbianlatekweekdayname}%
1780     \renewcommand*\DTMsrlatnBAWeekdayname}%
1781     {\DTMserbianlatekWeekdayname}%
1782     \or%
1783     \renewcommand*\DTMsrlatnBAweekdayname}%
1784     {\DTMserbianlatijweekdayname}%
1785     \renewcommand*\DTMsrlatnBAWeekdayname}%
1786     {\DTMserbianlatijWeekdayname}%
1787     \fi
1788 }
```

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

```
1789 \DTMdefboolkey{sr-Latn-BA}{monthi}[true]{}
```



The default is without the i suffix.

```
1790 \DTMsetbool{sr-Latn-BA}{monthi}{false}
```

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

```
1791 \DTMdefboolkey{sr-Latn-BA}{leadingzero}[true]{}
```

The default is to omit the leading zero.

```
1792 \DTMsetbool{sr-Latn-BA}{leadingzero}{false}
```

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

```
1793 \newcommand*\DTMrLatnBAdayordinal[1]{%
```

```
1794 \DTMifbool{sr-Latn-BA}{leadingzero}%
```

```
1795 {\DTMtwdigits{#1}}%
```

```
1796 {\number#1}\DTMrLatnBAdatesep}%
```

Define the month names.

`\DTMrLatnBAnoimonthname`

```
1797 \newcommand*\DTMrLatnBAnoimonthname{\DTMserbianlatnoimonthname}
```

`\DTMsLatnBAnoiMonthname`

```
1798 \newcommand*\DTMsLatnBAnoiMonthname{\DTMserbianlatnoiMonthname}
```

`\DTMrLatnBAimonthname`

```
1799 \newcommand*\DTMrLatnBAimonthname{\DTMserbianlatimonthname}
```

`\DTMsLatnBAiMonthname`

```
1800 \newcommand*\DTMsLatnBAiMonthname{\DTMserbianlatiMonthname}
```

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

```
1801 \DTMdefboolkey{sr-Latn-BA}{mapzone}[true]{}
```

The default is to use mappings.

```
1802 \DTMsetbool{sr-Latn-BA}{mapzone}{true}
```

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

```
1803 \DTMdefboolkey{sr-Latn-BA}{showdayofmonth}[true]{}
```

The default is to show the day of month.

```
1804 \DTMsetbool{sr-Latn-BA}{showdayofmonth}{true}
```

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

```
1805 \DTMdefboolkey{sr-Latn-BA}{showyear}[true]{}
```

The default is to show the year.

```
1806 \DTMsetbool{sr-Latn-BA}{showyear}{true}
```

```
1807 \DTMnewstyle%
```

```
1808 {sr-Latn-BA}% label
```

```
1809 {% date style
```

```
1810 \renewcommand*\DTMdisplaydate[4]{%
```

```
1811 \ifDTMshowdow%
```

```
1812 \ifnum##4>-1
```

```
1813 \DTMrLatnBAweekdayname{##4}%
```

```
1814 \DTMrLatnBADowdaysep%
```

```
1815 \fi
```

```

i816 \fi
i817 \DTMifbool{sr-Latn-BA}{showdayofmonth}
i818 {\DTMsrlatnBAdayordinal{##3}\DTMsrlatnBAdaymonthsep}%
i819 }%
i820 \DTMifbool{sr-Latn-BA}{monthi}%
i821 {\DTMsrlatnBAmonthname{##2}}%
i822 {\DTMsrlatnBAmonthname{##2}}%
i823 \DTMifbool{sr-Latn-BA}{showyear}%
i824 {%
i825 \DTMsrlatnBAmoneyearsep%

i826 ##1\DTMfinaldot{}%
i827 }%
i828 }%
i829 }%
i830 \renewcommand*{\DTMdisplaydate[4]{%
i831 \ifDTMshowdown%
i832 \ifnum##4>-1
i833 \DTMsrlatnBAWeekdayname{##4}%
i834 \DTMsrlatnBADowdaysep%
i835 \fi
i836 \fi
i837 \DTMifbool{sr-Latn-BA}{showdayofmonth}
i838 }%
i839 \DTMsrlatnBAdayordinal{##3}\DTMsrlatnBAdaymonthsep%
i840 \DTMifbool{sr-Latn-BA}{monthi}%
i841 {\DTMsrlatnBAmonthname{##2}}%
i842 {\DTMsrlatnBAmonthname{##2}}%
i843 }%
i844 }%
i845 \DTMifbool{sr-Latn-BA}{monthi}%
i846 {\DTMsrlatnBAmonthname{##2}}%
i847 {\DTMsrlatnBAmonthname{##2}}%
i848 }%
i849 \DTMifbool{sr-Latn-BA}{showyear}%
i850 {%
i851 \DTMsrlatnBAmoneyearsep%

i852 ##1\DTMfinaldot{}%
i853 }%
i854 }%
i855 }%
i856 }%
i857 {% time style
i858 \renewcommand*{\DTMdisplaytime[3]{%
i859 \DTMifbool{sr-Latn-BA}{leadingzero}\DTMtwodigits{##1}\number##1}%
i860 \DTMsrlatnBATimesep\DTMtwodigits{##2}%
i861 \ifDTMshowseconds\DTMsrlatnBATimesep\DTMtwodigits{##3}\fi
i862 }%
i863 }%
i864 {% zone style
i865 \DTMresetzones%
i866 \DTMsrlatnBAzonemaps%
i867 \renewcommand*{\DTMdisplayzone}[2]{%
i868 \DTMifbool{sr-Latn-BA}{mapzone}%
i869 {\DTMusedzonemapordefault{##1}{##2}}%

```

```

1870   {%
1871     \ifnum##1<0
1872     \else+\fi\DTMtwdigits{##1}%
1873     \ifDTMshowzoneminutes\DTMsrLatnBAtimesep\DTMtwdigits{##2}\fi
1874   }%
1875 }%
1876 }%
1877 {% full style
1878   \renewcommand*\DTMdisplay}[9]{%
1879     \ifDTMshowdate%
1880       \DTMdisplaydate{##1}{##2}{##3}{##4}%
1881       \DTMsrLatnBAdateimesep%
1882     \fi
1883     \DTMdisplaytime{##5}{##6}{##7}%
1884     \ifDTMshowzone%
1885       \DTMsrLatnBAtimezonesep%
1886       \DTMdisplayzone{##8}{##9}%
1887     \fi
1888   }%
1889   \renewcommand*\DTMdisplay}[9]{%
1890     \ifDTMshowdate%
1891       \DTMdisplaydate{##1}{##2}{##3}{##4}%
1892       \DTMsrLatnBAdateimesep%
1893     \fi
1894     \DTMdisplaytime{##5}{##6}{##7}%
1895     \ifDTMshowzone%
1896       \DTMsrLatnBAtimezonesep%
1897       \DTMdisplayzone{##8}{##9}%
1898     \fi
1899   }%
1900 }%

```

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

```

1901   \newcommand*\DTMsrLatnBAmnthordinal}[1]{%
1902     \DTMifbool{sr-Latn-BA}{leadingzero}{\DTMtwdigits{##1}}{\number##1}.}%

```

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

```

1903 \DTMdefchoicetkey{sr-Latn-BA}{monthord}%
1904 [\@dtm@val\@dtm@nr]{arabic,roman,romanlsc}{%
1905   \ifcase\@dtm@nr\relax
1906   \renewcommand*\DTMsrLatnBAmnthordinal}[1]{%
1907     \DTMifbool{sr-Latn-BA}{leadingzero}%
1908     {\DTMtwdigits{##1}}{\number##1}\DTMsrLatnBAdateimesep}%
1909 \or%
1910   \renewcommand*\DTMsrLatnBAmnthordinal}[1]{%
1911     \DTMtexorpdfstring{\protect\DTMserbianordinalROMAN{##1}}%
1912     {serbianordinalROMAN{##1}}}%
1913 \or%
1914   \renewcommand*\DTMsrLatnBAmnthordinal}[1]{%
1915     \DTMtexorpdfstring{\textsc{\protect\DTMserbianordinalroman{##1}}}%
1916     {serbianordinalROMAN{##1}}}%
1917 \fi
1918 }

```

Define numeric style.

```
1919 \DTMnewstyle%
1920 {sr-Latn-BA-numeric}% label
1921 {% date style
1922   \renewcommand*\DTMdisplaydate[4]{%
1923     \ifDTMshowdown%
1924       \ifnum##4>-1
1925         \DTMsLatnBAweekdayname{##4}%
1926         \DTMsLatnBADowdaysep%
1927       \fi
1928     \fi
1929     \DTMifbool{sr-Latn-BA}{showdayofmonth}%
1930     {\DTMsLatnBADayordinal{##3}\DTMsLatnBADaymonthsep}%
1931     }%
1932     \DTMsLatnBAMonthordinal{##2}%
1933     \DTMifbool{sr-Latn-BA}{showyear}%
1934     {%
1935     \DTMsLatnBAMonthyearsep%

1936     ##1\DTMfinaldot{}%
1937     }%
1938     {}%
1939   }%
1940   \renewcommand*\DTMdisplaydate[4]{%
1941     \ifDTMshowdown%
1942       \ifnum##4>-1
1943         \DTMsLatnBAWeekdayname{##4}%
1944         \DTMsLatnBADowdaysep%
1945       \fi
1946     \fi
1947     \DTMifbool{sr-Latn-BA}{showdayofmonth}%
1948     {\DTMsLatnBADayordinal{##3}\DTMsLatnBADaymonthsep}%
1949     }%
1950     \DTMsLatnBAMonthordinal{##2}%
1951     \DTMifbool{sr-Latn-BA}{showyear}%
1952     {%
1953     \DTMsLatnBAMonthyearsep%

1954     ##1\DTMfinaldot{}%
1955     }%
1956     {}%
1957   }%
1958 }%
1959 {% time style
1960   \renewcommand*\DTMdisplaytime[3]{%
1961     \DTMifbool{sr-Latn-BA}{leadingzero}{\DTMtwdigits{##1}}{\number##1}%
1962     \DTMsLatnBATimesep\DTMtwdigits{##2}%
1963     \ifDTMshowseconds\DTMsLatnBATimesep\DTMtwdigits{##3}\fi
1964   }%
1965 }%
1966 {% zone style
1967   \DTMresetzones%
1968   \DTMsLatnBAzonemaps%
1969   \renewcommand*\DTMdisplayzone[2]{%
1970     \DTMifbool{sr-Latn-BA}{mapzone}%
1971     {\DTMusedzonemapordefault{##1}{##2}}%
```

```

1972   {%
1973     \ifnum##1<0
1974     \else+\fi\DTMtwodigits{##1}%
1975     \ifDTMshowzoneminutes\DTMsrLatnBAtimesep\DTMtwodigits{##2}\fi
1976   }%
1977 }%
1978 }%
1979 {% full style
1980 \renewcommand*\DTMdisplay}[9]{%
1981   \ifDTMshowdate%
1982     \DTMdisplaydate{##1}{##2}{##3}{##4}%
1983     \DTMsrLatnBAdateimesep%
1984   \fi
1985   \DTMdisplaytime{##5}{##6}{##7}%
1986   \ifDTMshowzone%
1987     \DTMsrLatnBAtimezonesep%
1988     \DTMdisplayzone{##8}{##9}%
1989   \fi
1990 }%
1991 \renewcommand*\DTMDisplay{\DTMdisplay}%
1992 }

```

`\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.

```

1993 \newcommand*\DTMsrLatnBAzonemaps}{%
1994   \DTMdefzonemap{01}{00}{CET}%
1995   \DTMdefzonemap{02}{00}{CEST}%
1996 }

```

Switch style according to the user regional setting.

```

1997 \DTMifcaseregional%
1998 {}% do nothing
1999 {\DTMsetstyle{sr-Latn-BA}}%
2000 {\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.)

```

2001 \ifcsundef{date\CurrentTrackedDialect}
2002 {%
2003   \ifundef\dateserbian%
2004   {% do nothing
2005   }%
2006   {%
2007     \def\dateserbian{%
2008       \DTMifcaseregional%
2009       {}% do nothing
2010       {\DTMsetstyle{sr-Latn-BA}}%
2011       {\DTMsetstyle{sr-Latn-BA-numeric}}%
2012     }%
2013   }%
2014 }%
2015 {%
2016   \csdef{date\CurrentTrackedDialect}{%
2017     \DTMifcaseregional%
2018     {}% do nothing

```

```

2019     {\DTMsetstyle{sr-Latn-BA}}%
2020     {\DTMsetstyle{sr-Latn-BA-numeric}}%
2021 }%
2022 }%

```

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

```
2023 \ProvidesDateTimeModule{serbianc}[2019/11/22 v2.1.0]
```

Load base Serbian module.

```
2024 \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.

```
2025 \newcommand*{\DTMserbiancdowdaysep}{, \space}
```

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

```

2026 \newcommand*{\DTMserbiancdaymonthsep}{%
2027   \DTMtexorpdfstring{\protect~}{\space}%
2028 }

```

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

```
2029 \newcommand*{\DTMserbiancmonthyearsep}{\space}
```

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

```
2030 \newcommand*{\DTMserbiancdatetimesep}{\space}
```

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

```
2031 \newcommand*{\DTMserbianctimezonesep}{\space}
```

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

```
2032 \newcommand*{\DTMserbiancdatesep}{.}
```

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

```
2033 \newcommand*{\DTMserbianctimesep}{.}
```

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

```

2034 \DTMdefkey{serbianc}{dowdaysep}%
2035   {\renewcommand*{\DTMserbiancdowdaysep}{#1}}
2036 \DTMdefkey{serbianc}{daymonthsep}%
2037   {\renewcommand*{\DTMserbiancdaymonthsep}{#1}}
2038 \DTMdefkey{serbianc}{monthyearsep}%
2039   {\renewcommand*{\DTMserbiancmonthyearsep}{#1}}
2040 \DTMdefkey{serbianc}{datetimesep}%
2041   {\renewcommand*{\DTMserbiancdatetimesep}{#1}}
2042 \DTMdefkey{serbianc}{timezonesep}%
2043   {\renewcommand*{\DTMserbianctimezonesep}{#1}}
2044 \DTMdefkey{serbianc}{datesep}%

```

```

2045     {\renewcommand*\DTMserbiancdatesep}{#1}}
2046 \DTMdefkey{serbianc}{timesep}%
2047     {\renewcommand*\DTMserbianctimesep}{#1}}

```

### 2.9.2 Switches and settings

`\DTMserbiancweekdayname` Define the weekday name, lowercase.

```

2048 \newcommand*\DTMserbiancweekdayname}%
2049 {\DTMserbiancyrekweekdayname}

```

`\DTMserbiancweekdayname` Define the weekday name, capitalized.

```

2050 \newcommand*\DTMserbiancWeekdayname}%
2051     {\DTMserbiancyrekWeekdayname}

```

Provide a way to switch between Ekavian and Ijekavian pronunciation.

```

2052 \DTMdefchoicekey{serbianc}%
2053     {pronunciation}[\@dtm@val\@dtm@nr]{ekavian,ijekavian}{%
2054     \ifcase\@dtm@nr\relax
2055     \renewcommand*\DTMserbiancweekdayname}%
2056     {\DTMserbiancyrekweekdayname}%
2057     \renewcommand*\DTMserbiancWeekdayname}%
2058     {\DTMserbiancyrekWeekdayname}%
2059     \or%
2060     \renewcommand*\DTMserbiancweekdayname}%
2061     {\DTMserbiancyrijweekdayname}%
2062     \renewcommand*\DTMserbiancWeekdayname}%
2063     {\DTMserbiancyrijWeekdayname}%
2064     \fi
2065 }

```

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

```

2066 \DTMdefboolkey{serbianc}{monthi}[true]{}

```

The default is without the i suffix.

```

2067 \DTMsetbool{serbianc}{monthi}{false}

```

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

```

2068 \DTMdefboolkey{serbianc}{leadingzero}[true]{}

```

The default is to omit the leading zero.

```

2069 \DTMsetbool{serbianc}{leadingzero}{false}

```

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

```

2070     \newcommand*\DTMserbiancdayordinal}[1]{%
2071         \DTMifbool{serbianc}{leadingzero}%
2072         {\DTMtwodigits{#1}}%
2073         {\number#1}\DTMserbiancdatesep}%

```

Define the month names.

`\DTMserbiancnoimonthname`

```

2074 \newcommand*\DTMserbiancnoimonthname}{\DTMserbiancyrnoimonthname}

```

`\DTMserbiancnoiMonthname`

```

2075 \newcommand*\DTMserbiancnoiMonthname}{\DTMserbiancyrnoiMonthname}

```

\DTMserbiancimonthname

```
2076 \newcommand*{\DTMserbiancimonthname}{\DTMserbiancryrimonthname}
```

\DTMserbianciMonthname

```
2077 \newcommand*{\DTMserbianciMonthname}{\DTMserbiancryriMonthname}
```

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

```
2078 \DTMdefboolkey{serbianc}{mapzone}[true]{}
```

The default is to use mappings.

```
2079 \DTMsetbool{serbianc}{mapzone}{true}
```

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

```
2080 \DTMdefboolkey{serbianc}{showdayofmonth}[true]{}
```

The default is to show the day of month.

```
2081 \DTMsetbool{serbianc}{showdayofmonth}{true}
```

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

```
2082 \DTMdefboolkey{serbianc}{showyear}[true]{}
```

The default is to show the year.

```
2083 \DTMsetbool{serbianc}{showyear}{true}
```

```
2084 \DTMnewstyle%
```

```
2085 {serbianc}% label
```

```
2086 {% date style
```

```
2087 \renewcommand*\DTMdisplaydate[4]{%
```

```
2088 \ifDTMshowdown%
```

```
2089 \ifnum##4>-1
```

```
2090 \DTMserbiancweekdayname{##4}%
```

```
2091 \DTMserbiancdowdaysep%
```

```
2092 \fi
```

```
2093 \fi
```

```
2094 \DTMifbool{serbianc}{showdayofmonth}
```

```
2095 {\DTMserbiancdayordinal{##3}\DTMserbiancdaymonthsep}%
```

```
2096 {}%
```

```
2097 \DTMifbool{serbianc}{monthi}%
```

```
2098 {\DTMserbiancimonthname{##2}}%
```

```
2099 {\DTMserbiancnoimonthname{##2}}%
```

```
2100 \DTMifbool{serbianc}{showyear}%
```

```
2101 {%
```

```
2102 \DTMserbiancmonthyearsep%
```

```
2103 ##1\DTMfinaldot{}%
```

```
2104 }%
```

```
2105 {}%
```

```
2106 }%
```

```
2107 \renewcommand*\DTMdisplaydate[4]{%
```

```
2108 \ifDTMshowdown%
```

```
2109 \ifnum##4>-1
```

```
2110 \DTMserbiancWeekdayname{##4}%
```

```
2111 \DTMserbiancdowdaysep%
```

```
2112 \fi
```

```
2113 \fi
```

```
2114 \DTMifbool{serbianc}{showdayofmonth}
```

```
2115 {%
```



```

2116     \DTMserbiancdayordinal{##3}\DTMserbiancdaymonthsep%
2117     \DTMifbool{serbianc}{monthi}%
2118         {\DTMserbiancmonthname{##2}}%
2119         {\DTMserbiancnoimonthname{##2}}%
2120     }%
2121     {%
2122         \DTMifbool{serbianc}{monthi}%
2123             {\DTMserbianciMonthname{##2}}%
2124             {\DTMserbiancnoiMonthname{##2}}%
2125     }%
2126     \DTMifbool{serbianc}{showyear}%
2127     {%
2128         \DTMserbiancmonthyearsep%

2129         ##1\DTMfinaldot{}%
2130     }%
2131     {}%
2132 }%
2133 }%
2134 {% time style
2135     \renewcommand*\DTMdisplaytime[3]{%
2136         \DTMifbool{serbianc}{leadingzero}{\DTMtwodigits{##1}}{\number##1}%
2137         \DTMserbianctimesep\DTMtwodigits{##2}%
2138         \ifDTMshowseconds\DTMserbianctimesep\DTMtwodigits{##3}\fi
2139     }%
2140 }%
2141 {% zone style
2142     \DTMresetzones%
2143     \DTMserbianczonemaps%
2144     \renewcommand*\DTMdisplayzone[2]{%
2145         \DTMifbool{serbianc}{mapzone}%
2146         {\DTMusedzonemapordefault{##1}{##2}}%
2147         {%
2148             \ifnum##1<0
2149             \else+\fi\DTMtwodigits{##1}%
2150             \ifDTMshowzoneminutes\DTMserbianctimesep\DTMtwodigits{##2}\fi
2151         }%
2152     }%
2153 }%
2154 {% full style
2155     \renewcommand*\DTMdisplay}[9]{%
2156         \ifDTMshowdate%
2157             \DTMdisplaydate{##1}{##2}{##3}{##4}%
2158             \DTMserbiancdatetimesep%
2159         \fi
2160         \DTMdisplaytime{##5}{##6}{##7}%
2161         \ifDTMshowzone%
2162             \DTMserbianctimezonesep%
2163             \DTMdisplayzone{##8}{##9}%
2164         \fi
2165     }%
2166     \renewcommand*\DTMdisplay}[9]{%
2167         \ifDTMshowdate%
2168             \DTMdisplaydate{##1}{##2}{##3}{##4}%
2169             \DTMserbiancdatetimesep%
2170         \fi

```

```

2171 \DTMdisplaytime{##5}{##6}{##7}%
2172 \ifDTMshowzone%
2173 \DTMserbianctimezonesep%
2174 \DTMdisplayzone{##8}{##9}%
2175 \fi
2176 }%
2177 }%

```

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

```

2178 \newcommand*\DTMserbiancmonthordinal}[1]{%
2179 \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.

```

2180 \DTMdefchoicekey{serbianc}{monthord}%
2181 [\@dtm@val\@dtm@nr]{arabic,roman,romanlsc}{%
2182 \ifcase\@dtm@nr\relax
2183 \renewcommand*\DTMserbiancmonthordinal}[1]{%
2184 \DTMifbool{serbianc}{leadingzero}%
2185 {\DTMtwodigits{##1}}{\number##1}\DTMserbiancdatesep}%
2186 \or%
2187 \renewcommand*\DTMserbiancmonthordinal}[1]{%
2188 \DTMtexorpdfstring{\protect\DTMserbianordinalROMAN{##1}}%
2189 {serbianordinalROMAN{##1}}}%
2190 \or%
2191 \renewcommand*\DTMserbiancmonthordinal}[1]{%
2192 \DTMtexorpdfstring{\textsc{\protect\DTMserbianordinalroman{##1}}}%
2193 {serbianordinalROMAN{##1}}}%
2194 \fi
2195 }

```

Define numeric style.

```

2196 \DTMnewstyle%
2197 {serbianc-numeric}% label
2198 {% date style
2199 \renewcommand*\DTMdisplaydate[4]{%
2200 \ifDTMshowdow%
2201 \ifnum##4>-1
2202 \DTMserbiancweekdayname{##4}%
2203 \DTMserbiancdowdaysep%
2204 \fi
2205 \fi
2206 \DTMifbool{serbianc}{showdayofmonth}%
2207 {\DTMserbiancdayordinal{##3}\DTMserbiancdaymonthsep}%
2208 {}%
2209 \DTMserbiancmonthordinal{##2}%
2210 \DTMifbool{serbianc}{showyear}%
2211 {%
2212 \DTMserbiancmonthyearsep%
2213 ##1\DTMfinaldot}%
2214 }%
2215 {}%
2216 }%
2217 \renewcommand*\DTMdisplaydate[4]{%
2218 \ifDTMshowdow%

```

```

2219     \ifnum##4>-1
2220         \DTMserbianWeekdayname{##4}%
2221         \DTMserbiancdowdaysep%
2222     \fi
2223 \fi
2224 \DTMifbool{serbianc}{showdayofmonth}%
2225 {\DTMserbiancdayordinal{##3}\DTMserbiancdaymonthsep}%
2226 {}%
2227 \DTMserbiancmonthordinal{##2}%
2228 \DTMifbool{serbianc}{showyear}%
2229 {}%
2230     \DTMserbiancmonthyearsep%

2231     ##1\DTMfinaldot{}%
2232 }%
2233 {}%
2234 }%
2235 }%
2236 {% time style
2237 \renewcommand*\DTMdisplaytime[3]{%
2238     \DTMifbool{serbianc}{leadingzero}{\DTMtwdigits{##1}}{\number##1}%
2239     \DTMserbianctimesep\DTMtwdigits{##2}%
2240     \ifDTMshowseconds\DTMserbianctimesep\DTMtwdigits{##3}\fi
2241 }%
2242 }%
2243 {% zone style
2244 \DTMresetzones%
2245 \DTMserbianczonemaps%
2246 \renewcommand*\DTMdisplayzone[2]{%
2247     \DTMifbool{serbianc}{mapzone}%
2248     {\DTMusezonemapordefault{##1}{##2}}%
2249     {%
2250         \ifnum##1<0
2251         \else+\fi\DTMtwdigits{##1}%
2252         \ifDTMshowzoneminutes\DTMserbianctimesep\DTMtwdigits{##2}\fi
2253     }%
2254 }%
2255 }%
2256 {% full style
2257 \renewcommand*\DTMdisplay[9]{%
2258     \ifDTMshowdate%
2259         \DTMdisplaydate{##1}{##2}{##3}{##4}%
2260         \DTMserbiancdateimesep%
2261     \fi
2262     \DTMdisplaytime{##5}{##6}{##7}%
2263     \ifDTMshowzone%
2264         \DTMserbianctimezonesep%
2265         \DTMdisplayzone{##8}{##9}%
2266     \fi
2267 }%
2268 \renewcommand*\DTMdisplay{\DTMdisplay}%
2269 }

```

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

```

2270 \newcommand*{\DTMserbianczonemaps}{%
2271   \DTMdefzonemap{01}{00}{CET}%
2272   \DTMdefzonemap{02}{00}{CEST}%
2273 }

```

Switch style according to the `userregional` setting.

```

2274 \DTMifcaseregional%
2275 {}% do nothing
2276 {\DTMsetstyle{serbianc}}%
2277 {\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.)

```

2278 \ifcsundef{date\CurrentTrackedDialect}
2279 {%
2280   \ifundef\dateserbianc%
2281   {% do nothing
2282   }%
2283   {%
2284     \def\dateserbianc{%
2285       \DTMifcaseregional%
2286       }% do nothing
2287       {\DTMsetstyle{serbianc}}%
2288       {\DTMsetstyle{serbianc-numeric}}%
2289     }%
2290   }%
2291 }%
2292 {%
2293   \csdef{date\CurrentTrackedDialect}{%
2294     \DTMifcaseregional%
2295     }% do nothing
2296     {\DTMsetstyle{serbianc}}%
2297     {\DTMsetstyle{serbianc-numeric}}%
2298   }%
2299 }%

```

## 2.10 Serbian sr-Cyrl Code (`datetime2-sr-Cyrl.ldf`)

```
2300 \ProvidesDateTimeModule{sr-Cyrl}[2019/11/22 v2.1.0]
```

Load appropriate regionless Serbian module.

```
2301 \RequireDateTimeModule{serbianc}
```

### 2.10.1 Defining the sr-Cyrl style

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

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

`\DTMsrCyrldowdaysep` The separator between weekday and day.

```
2302 \newcommand*{\DTMsrCyrldowdaysep}{, \space}
```

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

```

2303 \newcommand*\DTMsrCyrldaymonthsep}{%
2304 \DTMtexorpdfstring{\protect~}{\space}%
2305 }

```

`\DTMsrCyr1monthyearsep` The separator between the month and year for the text format.

```

2306 \newcommand*\DTMsrCyr1monthyearsep}{\space}

```

`\DTMsrCyr1datetimesep` The separator between the date and time blocks in the full format (either text or numeric).

```

2307 \newcommand*\DTMsrCyr1datetimesep}{\space}

```

`\DTMsrCyr1timezonesep` The separator between the time and zone blocks in the full format (either text or numeric).

```

2308 \newcommand*\DTMsrCyr1timezonesep}{\space}

```

`\DTMsrCyr1datesep` The separator for the numeric date format.

```

2309 \newcommand*\DTMsrCyr1datesep}{.}

```

`\DTMsrCyr1timesep` The separator for the numeric time format.

```

2310 \newcommand*\DTMsrCyr1timesep}{.}

```

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

```

2311 \DTMdefkey{sr-Cyr1}{dowdaysep}%
2312   {\renewcommand*\DTMsr-Cyr1dowdaysep}{#1}}
2313 \DTMdefkey{sr-Cyr1}{daymonthsep}%
2314   {\renewcommand*\DTMsr-Cyrldaymonthsep}{#1}}
2315 \DTMdefkey{sr-Cyr1}{monthyearsep}%
2316   {\renewcommand*\DTMsr-Cyr1monthyearsep}{#1}}
2317 \DTMdefkey{sr-Cyr1}{datetimesep}%
2318   {\renewcommand*\DTMsr-Cyr1datetimesep}{#1}}
2319 \DTMdefkey{sr-Cyr1}{timezonesep}%
2320   {\renewcommand*\DTMsr-Cyr1timezonesep}{#1}}
2321 \DTMdefkey{sr-Cyr1}{datesep}%
2322   {\renewcommand*\DTMsr-Cyr1datesep}{#1}}
2323 \DTMdefkey{sr-Cyr1}{timesep}%
2324   {\renewcommand*\DTMsr-Cyr1timesep}{#1}}

```

### 2.10.2 Switches and settings

`\DTMsrCyr1weekdayname` Define the weekday name, lowercase.

```

2325 \newcommand*\DTMsrCyr1weekdayname}%
2326 {\DTMserbiancyrekweekdayname}

```

`\DTMsrCyr1weekdayname` Define the weekday name, capitalized.

```

2327 \newcommand*\DTMsrCyr1Weekdayname}%
2328   {\DTMserbiancyrekWeekdayname}

```

Provide a way to switch between Ekavian and Ijekavian pronunciation.

```

2329 \DTMdefchoicekey{sr-Cyr1}%
2330   {pronunciation}[\@dtm@val\@dtm@nr]{ekavian,ijekavian}{%
2331   \ifcase\@dtm@nr\relax
2332   \renewcommand*\DTMsrCyr1weekdayname}%
2333     {\DTMserbiancyrekweekdayname}%
2334   \renewcommand*\DTMsrCyr1Weekdayname}%
2335     {\DTMserbiancyrekWeekdayname}%

```

```

2336 \or%
2337 \renewcommand*{\DTMrCyr weekdayname}%
2338     {\DTMserbiancyrij weekdayname}%
2339 \renewcommand*{\DTMrCyr Weekdayname}
2340     {\DTMserbiancyrij Weekdayname}%
2341 \fi
2342 }

```

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

```
2343 \DTMdefboolkey{sr-Cyrl}{monthi}[true]{}
```

The default is without the i suffix.

```
2344 \DTMsetbool{sr-Cyrl}{monthi}{false}
```

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

```
2345 \DTMdefboolkey{sr-Cyrl}{leadingzero}[true]{}
```

The default is to omit the leading zero.

```
2346 \DTMsetbool{sr-Cyrl}{leadingzero}{false}
```

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

```

2347 \newcommand*{\DTMrCyrldayordinal}[1]{%
2348     \DTMifbool{sr-Cyrl}{leadingzero}%
2349     {\DTMtwodigits{#1}}%
2350     {\number#1}\DTMrCyrldatesep}%

```

Define the month names.

`\DTMrCyrInoiMonthname`

```
2351 \newcommand*{\DTMrCyrInoiMonthname}{\DTMserbiancyrnoimonthname}
```

`\DTMrCyrInoiMonthname`

```
2352 \newcommand*{\DTMrCyrInoiMonthname}{\DTMserbiancyrnoiMonthname}
```

`\DTMrCyrliMonthname`

```
2353 \newcommand*{\DTMrCyrliMonthname}{\DTMserbiancyrimonthname}
```

`\DTMrCyrliMonthname`

```
2354 \newcommand*{\DTMrCyrliMonthname}{\DTMserbiancyriMonthname}
```

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

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

The default is to use mappings.

```
2356 \DTMsetbool{sr-Cyrl}{mapzone}{true}
```

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

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

The default is to show the day of month.

```
2358 \DTMsetbool{sr-Cyrl}{showdayofmonth}{true}
```

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

```
2359 \DTMdefboolkey{sr-Cyrl}{showyear}[true]{}
```

The default is to show the year.

```
2360 \DTMsetbool{sr-Cyrl}{showyear}{true}
```

```

2361 \DTMnewstyle%
2362 {sr-Cyrl}% label
2363 {% date style
2364 \renewcommand*\DTMdisplaydate[4]{%
2365 \ifDTMshowdown%
2366 \ifnum##4>-1
2367 \DTMSrCyrllweekdayname{##4}%
2368 \DTMSrCyrldowdaysep%
2369 \fi
2370 \fi
2371 \DTMifbool{sr-Cyrl}{showdayofmonth}
2372 {\DTMSrCyrldayordinal{##3}\DTMSrCyrldaymonthsep}%
2373 }%
2374 \DTMifbool{sr-Cyrl}{monthi}%
2375 {\DTMSrCyrllmonthname{##2}}%
2376 {\DTMSrCyrllnoimonthname{##2}}%
2377 \DTMifbool{sr-Cyrl}{showyear}%
2378 {%
2379 \DTMSrCyrllmonthyearsep%

2380 ##1\DTMfinaldot{}%
2381 }%
2382 {}%
2383 }%
2384 \renewcommand*\DTMdisplaydate[4]{%
2385 \ifDTMshowdown%
2386 \ifnum##4>-1
2387 \DTMSrCyrllWeekdayname{##4}%
2388 \DTMSrCyrldowdaysep%
2389 \fi
2390 \fi
2391 \DTMifbool{sr-Cyrl}{showdayofmonth}
2392 {%
2393 \DTMSrCyrldayordinal{##3}\DTMSrCyrldaymonthsep%
2394 \DTMifbool{sr-Cyrl}{monthi}%
2395 {\DTMSrCyrllmonthname{##2}}%
2396 {\DTMSrCyrllnoimonthname{##2}}%
2397 }%
2398 {%
2399 \DTMifbool{sr-Cyrl}{monthi}%
2400 {\DTMSrCyrllMonthname{##2}}%
2401 {\DTMSrCyrllnoiMonthname{##2}}%
2402 }%
2403 \DTMifbool{sr-Cyrl}{showyear}%
2404 {%
2405 \DTMSrCyrllmonthyearsep%

2406 ##1\DTMfinaldot{}%
2407 }%
2408 {}%
2409 }%
2410 }%
2411 {% time style
2412 \renewcommand*\DTMdisplaytime[3]{%
2413 \DTMifbool{sr-Cyrl}{leadingzero}{\DTMtwodigits{##1}}{\number##1}%
2414 \DTMSrCyrlltimesep\DTMtwodigits{##2}%

```

```

2415     \ifDTMshowseconds\DTMsrCyrllimesep\DTMtwdigits{##3}\fi
2416 }%
2417 }%
2418 {% zone style
2419     \DTMresetzones%
2420     \DTMsrCyrllzonemaps%
2421     \renewcommand*\DTMdisplayzone}[2]{%
2422         \DTMifbool{sr-Cyrl}{mapzone}%
2423         {\DTMusedzonemapordefault{##1}{##2}}%
2424         {%
2425             \ifnum##1<0
2426             \else+\fi\DTMtwdigits{##1}%
2427             \ifDTMshowzoneminutes\DTMsrCyrllimesep\DTMtwdigits{##2}\fi
2428         }%
2429     }%
2430 }%
2431 {% full style
2432     \renewcommand*\DTMdisplay}[9]{%
2433         \ifDTMshowdate%
2434             \DTMdisplaydate{##1}{##2}{##3}{##4}%
2435             \DTMsrCyrllatetimesep%
2436         \fi
2437         \DTMdisplaytime{##5}{##6}{##7}%
2438         \ifDTMshowzone%
2439             \DTMsrCyrlltimezonesep%
2440             \DTMdisplayzone{##8}{##9}%
2441         \fi
2442     }%
2443     \renewcommand*\DTMdisplay}[9]{%
2444         \ifDTMshowdate%
2445             \DTMdisplaydate{##1}{##2}{##3}{##4}%
2446             \DTMsrCyrllatetimesep%
2447         \fi
2448         \DTMdisplaytime{##5}{##6}{##7}%
2449         \ifDTMshowzone%
2450             \DTMsrCyrlltimezonesep%
2451             \DTMdisplayzone{##8}{##9}%
2452         \fi
2453     }%
2454 }%

```

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

```

2455     \newcommand*\DTMsrCyrllmonthordinal}[1]{%
2456         \DTMifbool{sr-Cyrl}{leadingzero}\DTMtwdigits{#1}\number#1.}%

```

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

```

2457 \DTMdefchoicelkey{sr-Cyrl}{monthord}%
2458 [\@dtm@val\@dtm@nr]{arabic,roman,romanlsc}%
2459 \ifcase\@dtm@nr\relax
2460     \renewcommand*\DTMsrCyrllmonthordinal}[1]{%
2461         \DTMifbool{sr-Cyrl}{leadingzero}%
2462         {\DTMtwdigits{##1}\number##1}\DTMsrCyrlldatesep}%
2463 \or%
2464     \renewcommand*\DTMsrCyrllmonthordinal}[1]{%

```



```

2465 \DTMtexorpdfstring{\protect\DTMserbianordinalROMAN{##1}}%
2466 {serbianordinalROMAN{##1}}}%
2467 \or%
2468 \renewcommand*\DTMsrCyr1monthordinal}[1]{%
2469 \DTMtexorpdfstring{\textsc{\protect\DTMserbianordinalroman{##1}}}%
2470 {serbianordinalROMAN{##1}}}%
2471 \fi
2472 }

Define numeric style.
2473 \DTMnewstyle%
2474 {sr-Cyrl-numeric}% label
2475 {% date style
2476 \renewcommand*\DTMdisplaydate[4]{%
2477 \ifDTMshowdown%
2478 \ifnum##4>-1
2479 \DTMsrCyr1weekdayname{##4}%
2480 \DTMsrCyr1dowdaysep%
2481 \fi
2482 \fi
2483 \DTMifbool{sr-Cyrl}{showdayofmonth}%
2484 {\DTMsrCyr1dayordinal{##3}\DTMsrCyr1daymonthsep}%
2485 {}%
2486 \DTMsrCyr1monthordinal{##2}%
2487 \DTMifbool{sr-Cyrl}{showyear}%
2488 {%
2489 \DTMsrCyr1monthyearsep%

2490 ##1\DTMfinaldot{}%
2491 }%
2492 {}%
2493 }%
2494 \renewcommand*\DTMdisplaydate[4]{%
2495 \ifDTMshowdown%
2496 \ifnum##4>-1
2497 \DTMsrCyr1Weekdayname{##4}%
2498 \DTMsrCyr1dowdaysep%
2499 \fi
2500 \fi
2501 \DTMifbool{sr-Cyrl}{showdayofmonth}%
2502 {\DTMsrCyr1dayordinal{##3}\DTMsrCyr1daymonthsep}%
2503 {}%
2504 \DTMsrCyr1monthordinal{##2}%
2505 \DTMifbool{sr-Cyrl}{showyear}%
2506 {%
2507 \DTMsrCyr1monthyearsep%

2508 ##1\DTMfinaldot{}%
2509 }%
2510 {}%
2511 }%
2512 }%
2513 {% time style
2514 \renewcommand*\DTMdisplaytime[3]{%
2515 \DTMifbool{sr-Cyrl}{leadingzero}{\DTMtwodigits{##1}}{\number##1}%
2516 \DTMsrCyr1timesep\DTMtwodigits{##2}%

```

```

2517   \ifDTMshowseconds\DTMsrCyrllimesep\DTMtwodigits{##3}\fi
2518 }%
2519 }%
2520 {% zone style
2521   \DTMresetzones%
2522   \DTMsrCyrllzonemaps%
2523   \renewcommand*\DTMdisplayzone}[2]{%
2524     \DTMifbool{sr-Cyrl}{mapzone}%
2525     {\DTMusedzonemapordefault{##1}{##2}}%
2526     {%
2527       \ifnum##1<0
2528       \else+\fi\DTMtwodigits{##1}%
2529       \ifDTMshowzoneminutes\DTMsrCyrllimesep\DTMtwodigits{##2}\fi
2530     }%
2531   }%
2532 }%
2533 {% full style
2534   \renewcommand*\DTMdisplay}[9]{%
2535     \ifDTMshowdate%
2536     \DTMdisplaydate{##1}{##2}{##3}{##4}%
2537     \DTMsrCyrllatetimesep%
2538     \fi
2539     \DTMdisplaytime{##5}{##6}{##7}%
2540     \ifDTMshowzone%
2541     \DTMsrCyrlltimezonesep%
2542     \DTMdisplayzone{##8}{##9}%
2543     \fi
2544   }%
2545   \renewcommand*\DTMdisplay{\DTMdisplay}%
2546 }

```

`\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.

```

2547 \newcommand*\DTMsrCyrllzonemaps}{%
2548   \DTMdefzonemap{01}{00}{CET}%
2549   \DTMdefzonemap{02}{00}{CEST}%
2550 }

```

Switch style according to the user regional setting.

```

2551 \DTMifcaseregional%
2552 {}% do nothing
2553 {\DTMsetstyle{sr-Cyrl}}%
2554 {\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.)

```

2555 \ifcsundef{date\CurrentTrackedDialect}
2556 {%
2557   \ifundef\dateserbianc%
2558   {}% do nothing
2559   }%
2560   {%
2561     \def\dateserbianc{%
2562       \DTMifcaseregional%
2563       {}% do nothing

```

```

2564     {\DTMsetstyle{sr-Cyrl}}%
2565     {\DTMsetstyle{sr-Cyrl-numeric}}%
2566   }%
2567 }%
2568 }%
2569 {%
2570   \csdef{date\CurrentTrackedDialect}{%
2571     \DTMifcaseregional%
2572     {}}% do nothing

2573     {\DTMsetstyle{sr-Cyrl}}%
2574     {\DTMsetstyle{sr-Cyrl-numeric}}%
2575   }%
2576 }%

```

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

```
2577 \ProvidesDateTimeModule{sr-Cyrl-RS}[2019/11/22 v2.1.0]
```

Load appropriate regionless Serbian module.

```
2578 \RequireDateTimeModule{serbianc}
```

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

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

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

`\DTMsrCyr1RSdowdaysep` The separator between weekday and day.

```
2579 \newcommand*{\DTMsrCyr1RSdowdaysep}{, \space}
```

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

```
2580 \newcommand*{\DTMsrCyr1RSdaymonthsep}{%
2581   \DTMtexorpdfstring{\protect~}{\space}}%
2582 }
```

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

```
2583 \newcommand*{\DTMsrCyr1RSmonthyearsep}{\space}
```

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

```
2584 \newcommand*{\DTMsrCyr1RSdatetimesep}{\space}
```

`\DTMsrCyr1RStimezonesep` The separator between the time and zone blocks in the full format (either text or numeric).

```
2585 \newcommand*{\DTMsrCyr1RStimezonesep}{\space}
```

`\DTMsrCyr1RSdatesep` The separator for the numeric date format.

```
2586 \newcommand*{\DTMsrCyr1RSdatesep}{. }
```

`\DTMsrCyr1RStimesep` The separator for the numeric time format.

```
2587 \newcommand*{\DTMsrCyr1RStimesep}{. }
```

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

```
2588 \DTMdefkey{sr-Cyrl-RS}{dowdaysep}%
2589     {\renewcommand*\DTMSr-Cyrl-RSdowdaysep}{#1}}
2590 \DTMdefkey{sr-Cyrl-RS}{daymonthsep}%
2591     {\renewcommand*\DTMSr-Cyrl-RSdaymonthsep}{#1}}
2592 \DTMdefkey{sr-Cyrl-RS}{monthyearsep}%
2593     {\renewcommand*\DTMSr-Cyrl-RSmonthyearsep}{#1}}
2594 \DTMdefkey{sr-Cyrl-RS}{datetimesep}%
2595     {\renewcommand*\DTMSr-Cyrl-RSdatetimesep}{#1}}
2596 \DTMdefkey{sr-Cyrl-RS}{timezonesep}%
2597     {\renewcommand*\DTMSr-Cyrl-RStimezonesep}{#1}}
2598 \DTMdefkey{sr-Cyrl-RS}{datesep}%
2599     {\renewcommand*\DTMSr-Cyrl-RSdatesep}{#1}}
2600 \DTMdefkey{sr-Cyrl-RS}{timesep}%
2601     {\renewcommand*\DTMSr-Cyrl-RStimesep}{#1}}
```

### 2.11.2 Switches and settings

`\DTMSrCyr1RSweekdayname` Define the weekday name, lowercase.

```
2602 \newcommand*\DTMSrCyr1RSweekdayname}%
2603 {\DTMserbiancyrijweekdayname}
```

`\DTMSrCyr1RSweekdayname` Define the weekday name, capitalized.

```
2604 \newcommand*\DTMSrCyr1RSWeekdayname}%
2605     {\DTMserbiancyrijWeekdayname}
```

Provide a way to switch between Ekavian and Ijekavian pronunciation.

```
2606 \DTMdefchoicekey{sr-Cyrl-RS}%
2607     {pronunciation}[\@dtm@val\@dtm@nr]{ekavian,ijekavian}{%
2608     \ifcase\@dtm@nr\relax
2609     \renewcommand*\DTMSrCyr1RSweekdayname}%
2610         {\DTMserbiancyrekweekdayname}%
2611     \renewcommand*\DTMSrCyr1RSWeekdayname}%
2612         {\DTMserbiancyrekWeekdayname}%
2613     \or%
2614     \renewcommand*\DTMSrCyr1RSweekdayname}%
2615         {\DTMserbiancyrijweekdayname}%
2616     \renewcommand*\DTMSrCyr1RSWeekdayname}%
2617         {\DTMserbiancyrijWeekdayname}%
2618     \fi
2619 }
```

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

```
2620 \DTMdefboolkey{sr-Cyrl-RS}{monthi}[true]{}
```

The default is without the *i* suffix.

```
2621 \DTMsetbool{sr-Cyrl-RS}{monthi}{false}
```

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

```
2622 \DTMdefboolkey{sr-Cyrl-RS}{leadingzero}[true]{}
```

The default is to omit the leading zero.

```
2623 \DTMsetbool{sr-Cyrl-RS}{leadingzero}{false}
```

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

```
2624 \newcommand*{\DTMsrCyr1RSdayordinal}[1]{%
2625     \DTMifbool{sr-Cyr1-RS}{leadingzero}%
2626     {\DTMtwodigits{#1}}%
2627     {\number#1}\DTMsrCyr1RSdatesep}%
```

Define the month names.

`\DTMsrCyr1RSnoimonthname`

```
2628 \newcommand*{\DTMsrCyr1RSnoimonthname}{\DTMserbiancyrnoimonthname}
```

`\DTMsrCyr1RSnoiMonthname`

```
2629 \newcommand*{\DTMsrCyr1RSnoiMonthname}{\DTMserbiancyrnoiMonthname}
```

`\DTMsrCyr1RSimonthname`

```
2630 \newcommand*{\DTMsrCyr1RSimonthname}{\DTMserbiancyrimonthname}
```

`\DTMsrCyr1RSiMonthname`

```
2631 \newcommand*{\DTMsrCyr1RSiMonthname}{\DTMserbiancyriMonthname}
```

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

```
2632 \DTMdefboolkey{sr-Cyr1-RS}{mapzone}[true]{}  
The default is to use mappings.
```

```
2633 \DTMsetbool{sr-Cyr1-RS}{mapzone}{true}
```

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

```
2634 \DTMdefboolkey{sr-Cyr1-RS}{showdayofmonth}[true]{}  
The default is to show the day of month.
```

```
2635 \DTMsetbool{sr-Cyr1-RS}{showdayofmonth}{true}
```

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

```
2636 \DTMdefboolkey{sr-Cyr1-RS}{showyear}[true]{}  
The default is to show the year.
```

```
2637 \DTMsetbool{sr-Cyr1-RS}{showyear}{true}
```

```
2638 \DTMnewstyle%
```

```
2639 {sr-Cyr1-RS}% label
```

```
2640 {% date style
```

```
2641 \renewcommand*{\DTMdisplaydate[4]}%
```

```
2642 \ifDTMshowdow%
```

```
2643 \ifnum##4>-1
```

```
2644 \DTMsrCyr1RSweekdayname{##4}%
```

```
2645 \DTMsrCyr1RSdowdaysep%
```

```
2646 \fi
```

```
2647 \fi
```

```
2648 \DTMifbool{sr-Cyr1-RS}{showdayofmonth}
```

```
2649 {\DTMsrCyr1RSdayordinal{##3}\DTMsrCyr1RSdaymonthsep}%
```

```
2650 {}%
```

```
2651 \DTMifbool{sr-Cyr1-RS}{monthi}%
```

```
2652 {\DTMsrCyr1RSimonthname{##2}}%
```

```
2653 {\DTMsrCyr1RSnoimonthname{##2}}%
```

```
2654 \DTMifbool{sr-Cyr1-RS}{showyear}%
```

```
2655 {%
```

```
2656 \DTMsrCyr1RSmonthyearsep%
```

```

2657     ##1\DTMfinaldot{}%
2658     }%
2659     {}%
2660     }%
2661     \renewcommand*\DTMdisplaydate[4]{%
2662     \ifDTMshowdow%
2663     \ifnum##4>-1
2664     \DTMsrCyrIRSWeekdayname{##4}%
2665     \DTMsrCyrIRSdowdaysep%
2666     \fi
2667     \fi
2668     \DTMifbool{sr-Cyrl-RS}{showdayofmonth}
2669     {%
2670     \DTMsrCyrIRSdayordinal{##3}\DTMsrCyrIRSdaymonthsep%
2671     \DTMifbool{sr-Cyrl-RS}{monthi}%
2672     {\DTMsrCyrIRSmonthname{##2}}%
2673     {\DTMsrCyrIRSnoimonthname{##2}}%
2674     }%
2675     {%
2676     \DTMifbool{sr-Cyrl-RS}{monthi}%
2677     {\DTMsrCyrIRSiMonthname{##2}}%
2678     {\DTMsrCyrIRSnoiMonthname{##2}}%
2679     }%
2680     \DTMifbool{sr-Cyrl-RS}{showyear}%
2681     {%
2682     \DTMsrCyrIRSmonthyearsep%

2683     ##1\DTMfinaldot{}%
2684     }%
2685     {}%
2686     }%
2687     }%
2688     {% time style
2689     \renewcommand*\DTMdisplaytime[3]{%
2690     \DTMifbool{sr-Cyrl-RS}{leadingzero}\DTMtwdigits{##1}\number##1}%
2691     \DTMsrCyrLRStimesep\DTMtwdigits{##2}%
2692     \ifDTMshowseconds\DTMsrCyrLRStimesep\DTMtwdigits{##3}\fi
2693     }%
2694     }%
2695     {% zone style
2696     \DTMresetzones%
2697     \DTMsrCyrIRSzonemaps%
2698     \renewcommand*\DTMdisplayzone[2]{%
2699     \DTMifbool{sr-Cyrl-RS}{mapzone}%
2700     {\DTMusedzonemapordefault{##1}{##2}}%
2701     {%
2702     \ifnum##1<0
2703     \else+\fi\DTMtwdigits{##1}%
2704     \ifDTMshowzoneminutes\DTMsrCyrLRStimesep\DTMtwdigits{##2}\fi
2705     }%
2706     }%
2707     }%
2708     {% full style
2709     \renewcommand*\DTMdisplay[9]{%
2710     \ifDTMshowdate%
2711     \DTMdisplaydate{##1}{##2}{##3}{##4}%

```

```

2712     \DTMrCyrLRsdatetimesep%
2713     \fi
2714     \DTMdisplaytime{##5}{##6}{##7}%
2715     \ifDTMshowzone%
2716         \DTMrCyrLRstimezonesep%
2717         \DTMdisplayzone{##8}{##9}%
2718     \fi
2719 }%
2720 \renewcommand*\DTMdisplay}[9]{%
2721     \ifDTMshowdate%
2722         \DTMdisplaydate{##1}{##2}{##3}{##4}%
2723         \DTMrCyrLRsdatetimesep%
2724     \fi
2725     \DTMdisplaytime{##5}{##6}{##7}%
2726     \ifDTMshowzone%
2727         \DTMrCyrLRstimezonesep%
2728         \DTMdisplayzone{##8}{##9}%
2729     \fi
2730 }%
2731 }%

```

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

```

2732     \newcommand*\DTMrCyrLRsmonthordinal}[1]{%
2733         \DTMifbool{sr-Cyrl-RS}{leadingzero}{\DTMtwodigits{##1}{\number##1}.}%

```

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

```

2734 \DTMdefchoicekey{sr-Cyrl-RS}{monthord}%
2735 [\@dtm@val\@dtm@nr]{arabic,roman,romanlsc}{%
2736     \ifcase\@dtm@nr\relax
2737     \renewcommand*\DTMrCyrLRsmonthordinal}[1]{%
2738         \DTMifbool{sr-Cyrl-RS}{leadingzero}%
2739         {\DTMtwodigits{##1}{\number##1}\DTMrCyrLRsdatesep}%
2740     \or%
2741     \renewcommand*\DTMrCyrLRsmonthordinal}[1]{%
2742         \DTMtexorpdfstring{\protect\DTMserbianordinalROMAN{##1}}%
2743         {serbianordinalROMAN{##1}}}%
2744     \or%
2745     \renewcommand*\DTMrCyrLRsmonthordinal}[1]{%
2746         \DTMtexorpdfstring{\textsc{\protect\DTMserbianordinalroman{##1}}}%
2747         {serbianordinalROMAN{##1}}}%
2748     \fi
2749 }

```

Define numeric style.

```

2750 \DTMnewstyle%
2751 {sr-Cyrl-RS-numeric}% label
2752 {% date style
2753     \renewcommand*\DTMdisplaydate[4]{%
2754         \ifDTMshowdow%
2755             \ifnum##4>-1
2756                 \DTMrCyrLRsweekdayname{##4}%
2757                 \DTMrCyrLRsdowdaysep%
2758             \fi
2759         \fi

```

```

2760 \DTMifbool{sr-Cyrl-RS}{showdayofmonth}%
2761 {\DTMsrCyr1RSdayordinal{##3}\DTMsrCyr1RSdaymonthsep}%
2762 }%
2763 \DTMsrCyr1RSmonthordinal{##2}%
2764 \DTMifbool{sr-Cyrl-RS}{showyear}%
2765 {%
2766 \DTMsrCyr1RSmonthyearsep%

2767 ##1\DTMfinaldot{}%
2768 }%
2769 }%
2770 }%
2771 \renewcommand*{\DTMdisplaydate[4]{%
2772 \ifDTMshowdow%
2773 \ifnum##4>-1
2774 \DTMsrCyr1RSWeekdayname{##4}%
2775 \DTMsrCyr1RSdowdaysep%
2776 \fi
2777 \fi
2778 \DTMifbool{sr-Cyrl-RS}{showdayofmonth}%
2779 {\DTMsrCyr1RSdayordinal{##3}\DTMsrCyr1RSdaymonthsep}%
2780 }%
2781 \DTMsrCyr1RSmonthordinal{##2}%
2782 \DTMifbool{sr-Cyrl-RS}{showyear}%
2783 {%
2784 \DTMsrCyr1RSmonthyearsep%

2785 ##1\DTMfinaldot{}%
2786 }%
2787 }%
2788 }%
2789 }%
2790 {% time style
2791 \renewcommand*{\DTMdisplaytime[3]{%
2792 \DTMifbool{sr-Cyrl-RS}{leadingzero}{\DTMtwdigits{##1}}{\number##1}%
2793 \DTMsrCyr1RStimesep\DTMtwdigits{##2}%
2794 \ifDTMshowseconds\DTMsrCyr1RStimesep\DTMtwdigits{##3}\fi
2795 }%
2796 }%
2797 {% zone style
2798 \DTMresetzones%
2799 \DTMsrCyr1RSzonemaps%
2800 \renewcommand*{\DTMdisplayzone}[2]{%
2801 \DTMifbool{sr-Cyrl-RS}{mapzone}%
2802 {\DTMusedzonemapordefault{##1}{##2}}%
2803 }%
2804 \ifnum##1<0
2805 \else+\fi\DTMtwdigits{##1}%
2806 \ifDTMshowzoneminutes\DTMsrCyr1RStimesep\DTMtwdigits{##2}\fi
2807 }%
2808 }%
2809 }%
2810 {% full style
2811 \renewcommand*{\DTMdisplay}[9]{%
2812 \ifDTMshowdate%
2813 \DTMdisplaydate{##1}{##2}{##3}{##4}%

```



```

2814     \DTMsrCyr1RSdatetimesep%
2815     \fi
2816     \DTMdisplaytime{##5}{##6}{##7}%
2817     \ifDTMshowzone%
2818     \DTMsrCyr1RStimezonesep%
2819     \DTMdisplayzone{##8}{##9}%
2820     \fi
2821 }%
2822 \renewcommand*{\DTMDisplay}{\DTMdisplay}%
2823 }

```

`\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.

```

2824 \newcommand*{\DTMsrCyr1RSzonemaps}{%
2825     \DTMdefzonemap{01}{00}{CET}%
2826     \DTMdefzonemap{02}{00}{CEST}%
2827 }

```

Switch style according to the user regional setting.

```

2828 \DTMifcaseregional%
2829 }% do nothing
2830 {\DTMsetstyle{sr-Cyr1-RS}}%
2831 {\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.)

```

2832 \ifcsundef{date\CurrentTrackedDialect}
2833 {%
2834     \ifundef\dateserbianc%
2835     {% do nothing
2836     }%
2837     {%
2838     \def\dateserbianc{%
2839         \DTMifcaseregional%
2840         }% do nothing
2841         {\DTMsetstyle{sr-Cyr1-RS}}%
2842         {\DTMsetstyle{sr-Cyr1-RS-numeric}}%
2843     }%
2844     }%
2845 }%
2846 {%
2847     \csdef{date\CurrentTrackedDialect}{%
2848         \DTMifcaseregional%
2849         }% do nothing
2850         {\DTMsetstyle{sr-Cyr1-RS}}%
2851         {\DTMsetstyle{sr-Cyr1-RS-numeric}}%
2852     }%
2853 }%

```

## 2.12 Serbian sr-Cyr1-ME Code (datetime2-sr-Cyr1-ME.lfd)

```

2854 \ProvidesDateTimeModule{sr-Cyr1-ME}[2019/11/22 v2.1.0]

```

Load appropriate regionless Serbian module.

```
2855 \RequireDateTimeModule{serbianc}
```

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

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

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

`\DTMsrCyr1MEdowdaysep` The separator between weekday and day.

```
2856 \newcommand*{\DTMsrCyr1MEdowdaysep}{, \space}
```

`\DTMsrCyr1MEdaymonthsep` The separator between the day and month for the text format.

```
2857 \newcommand*{\DTMsrCyr1MEdaymonthsep}{%
2858 \DTMtexorpdfstring{\protect~}{\space}%
2859 }
```

`\DTMsrCyr1MEmonthyearsep` The separator between the month and year for the text format.

```
2860 \newcommand*{\DTMsrCyr1MEmonthyearsep}{\space}
```

`\DTMsrCyr1MEdatetimesep` The separator between the date and time blocks in the full format (either text or numeric).

```
2861 \newcommand*{\DTMsrCyr1MEdatetimesep}{\space}
```

`\DTMsrCyr1MEtimezonesep` The separator between the time and zone blocks in the full format (either text or numeric).

```
2862 \newcommand*{\DTMsrCyr1MEtimezonesep}{\space}
```

`\DTMsrCyr1MEdatesep` The separator for the numeric date format.

```
2863 \newcommand*{\DTMsrCyr1MEdatesep}{.}
```

`\DTMsrCyr1METimesep` The separator for the numeric time format.

```
2864 \newcommand*{\DTMsrCyr1METimesep}{.}
```

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

```
2865 \DTMdefkey{sr-Cyrl-ME}{dowdaysep}%
2866   {\renewcommand*{\DTMsr-Cyrl-MEdowdaysep}{#1}}
2867 \DTMdefkey{sr-Cyrl-ME}{daymonthsep}%
2868   {\renewcommand*{\DTMsr-Cyrl-MEdaymonthsep}{#1}}
2869 \DTMdefkey{sr-Cyrl-ME}{monthyearsep}%
2870   {\renewcommand*{\DTMsr-Cyrl-MEmonthyearsep}{#1}}
2871 \DTMdefkey{sr-Cyrl-ME}{datetimesep}%
2872   {\renewcommand*{\DTMsr-Cyrl-MEdatetimesep}{#1}}
2873 \DTMdefkey{sr-Cyrl-ME}{timezonesep}%
2874   {\renewcommand*{\DTMsr-Cyrl-MEtimezonesep}{#1}}
2875 \DTMdefkey{sr-Cyrl-ME}{datesep}%
2876   {\renewcommand*{\DTMsr-Cyrl-MEdatesep}{#1}}
2877 \DTMdefkey{sr-Cyrl-ME}{timesep}%
2878   {\renewcommand*{\DTMsr-Cyrl-METimesep}{#1}}
```

### 2.12.2 Switches and settings

`\DTMsrCyr1MEweekdayname` Define the weekday name, lowercase.

```
2879 \newcommand*{\DTMsrCyr1MEweekdayname}%
2880 {\DTMserbiancyrrijweekdayname}
```



The default is to use mappings.

```
2910 \DTMsetbool{sr-Cyrl-ME}{mapzone}{true}
```

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

```
2911 \DTMdefboolkey{sr-Cyrl-ME}{showdayofmonth}[true]{}  
2912 \DTMsetbool{sr-Cyrl-ME}{showdayofmonth}{true}
```

The default is to show the day of month.

```
2912 \DTMsetbool{sr-Cyrl-ME}{showdayofmonth}{true}
```

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

```
2913 \DTMdefboolkey{sr-Cyrl-ME}{showyear}[true]{}  
2914 \DTMsetbool{sr-Cyrl-ME}{showyear}{true}
```

The default is to show the year.

```
2914 \DTMsetbool{sr-Cyrl-ME}{showyear}{true}
```

```
2915 \DTMnewstyle%
```

```
2916 {sr-Cyrl-ME}% label
```

```
2917 {% date style
```

```
2918 \renewcommand*\DTMdisplaydate[4]{%
```

```
2919 \ifDTMshowdown%
```

```
2920 \ifnum##4>-1
```

```
2921 \DTMrCyrlMEweekdayname{##4}%
```

```
2922 \DTMrCyrlMEdowdaysep%
```

```
2923 \fi
```

```
2924 \fi
```

```
2925 \DTMifbool{sr-Cyrl-ME}{showdayofmonth}
```

```
2926 {\DTMrCyrlMEdayordinal{##3}\DTMrCyrlMEdaymonthsep%
```

```
2927 }%  
2928 \DTMifbool{sr-Cyrl-ME}{monthi}%
```

```
2929 {\DTMrCyrlMEiMonthname{##2}}%
```

```
2930 {\DTMrCyrlMEnoimonthname{##2}}%
```

```
2931 \DTMifbool{sr-Cyrl-ME}{showyear}%
```

```
2932 {%
```

```
2933 \DTMrCyrlMEmonthyearsep%
```

```
2934 ##1\DTMfinaldot{}}%
```

```
2935 }%  
2936 {}%  
2937 }%  
2938 \renewcommand*\DTMdisplaydate[4]{%
```

```
2939 \ifDTMshowdown%
```

```
2940 \ifnum##4>-1
```

```
2941 \DTMrCyrlMEweekdayname{##4}%
```

```
2942 \DTMrCyrlMEdowdaysep%
```

```
2943 \fi
```

```
2944 \fi
```

```
2945 \DTMifbool{sr-Cyrl-ME}{showdayofmonth}
```

```
2946 {%
```

```
2947 \DTMrCyrlMEdayordinal{##3}\DTMrCyrlMEdaymonthsep%
```

```
2948 \DTMifbool{sr-Cyrl-ME}{monthi}%
```

```
2949 {\DTMrCyrlMEiMonthname{##2}}%
```

```
2950 {\DTMrCyrlMEnoimonthname{##2}}%
```

```
2951 }%  
2952 {%
```

```
2953 \DTMifbool{sr-Cyrl-ME}{monthi}%
```

```
2954 {\DTMrCyrlMEiMonthname{##2}}%
```

```
2955 {\DTMrCyrlMEnoimonthname{##2}}%
```

```

2956     }%
2957     \DTMiFbool{sr-Cyrl-ME}{showyear}%
2958     {%
2959         \DTMSrCyrLMEmonthyearsep%

2960         ##1\DTMfinaldot{%
2961     }%
2962     }%
2963 }%
2964 }%
2965 {% time style
2966     \renewcommand*\DTMdisplaytime[3]{%
2967         \DTMiFbool{sr-Cyrl-ME}{leadingzero}{\DTMtwdigits{##1}}{\number##1}%
2968         \DTMSrCyrLMEtimesep\DTMtwdigits{##2}%
2969         \ifDTMshowseconds\DTMSrCyrLMEtimesep\DTMtwdigits{##3}\fi
2970     }%
2971 }%
2972 {% zone style
2973     \DTMresetzones%
2974     \DTMSrCyrLMEzonemaps%
2975     \renewcommand*\DTMdisplayzone[2]{%
2976         \DTMiFbool{sr-Cyrl-ME}{mapzone}%
2977         {\DTMusedzonemapordefault{##1}{##2}}%
2978     {%
2979         \ifnum##1<0
2980         \else+\fi\DTMtwdigits{##1}%
2981         \ifDTMshowzoneminutes\DTMSrCyrLMEtimesep\DTMtwdigits{##2}\fi
2982     }%
2983 }%
2984 }%
2985 {% full style
2986     \renewcommand*\DTMdisplay[9]{%
2987         \ifDTMshowdate%
2988             \DTMdisplaydate{##1}{##2}{##3}{##4}%
2989             \DTMSrCyrLMEdatetimesep%
2990         \fi
2991         \DTMdisplaytime{##5}{##6}{##7}%
2992         \ifDTMshowzone%
2993             \DTMSrCyrLMEtimezonesep%
2994             \DTMdisplayzone{##8}{##9}%
2995         \fi
2996     }%
2997     \renewcommand*\DTMDisplay[9]{%
2998         \ifDTMshowdate%
2999             \DTMDisplaydate{##1}{##2}{##3}{##4}%
3000             \DTMSrCyrLMEdatetimesep%
3001         \fi
3002         \DTMdisplaytime{##5}{##6}{##7}%
3003         \ifDTMshowzone%
3004             \DTMSrCyrLMEtimezonesep%
3005             \DTMdisplayzone{##8}{##9}%
3006         \fi
3007     }%
3008 }%

```

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

```
3009 \newcommand*\DTMsrCyrLMEmonthordinal}[1]{%
3010 \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.

```
3011 \DTMdefchoicekey{sr-Cyrl-ME}{monthord}%
3012 [\@dtm@val\@dtm@nr]{arabic,roman,romanlsc}{%
3013 \ifcase\@dtm@nr\relax
3014 \renewcommand*\DTMsrCyrLMEmonthordinal}[1]{%
3015 \DTMifbool{sr-Cyrl-ME}{leadingzero}%
3016 {\DTMtwodigits{##1}}{\number##1}\DTMsrCyrLMEdatesep}%
3017 \or%
3018 \renewcommand*\DTMsrCyrLMEmonthordinal}[1]{%
3019 \DTMtexorpdfstring{\protect\DTMserbianordinalROMAN{##1}}%
3020 {serbianordinalROMAN{##1}}}%
3021 \or%
3022 \renewcommand*\DTMsrCyrLMEmonthordinal}[1]{%
3023 \DTMtexorpdfstring{\textsc{\protect\DTMserbianordinalroman{##1}}}%
3024 {serbianordinalROMAN{##1}}}%
3025 \fi
3026 }
```

Define numeric style.

```
3027 \DTMnewstyle%
3028 {sr-Cyrl-ME-numeric}% label
3029 {% date style
3030 \renewcommand*\DTMdisplaydate[4]{%
3031 \ifDTMshowdown%
3032 \ifnum##4>-1
3033 \DTMsrCyrLMEweekdayname{##4}%
3034 \DTMsrCyrLMEdowdaysep%
3035 \fi
3036 \fi
3037 \DTMifbool{sr-Cyrl-ME}{showdayofmonth}%
3038 {\DTMsrCyrLMEdayordinal{##3}\DTMsrCyrLMEdaymonthsep}%
3039 {}%
3040 \DTMsrCyrLMEmonthordinal{##2}%
3041 \DTMifbool{sr-Cyrl-ME}{showyear}%
3042 {%
3043 \DTMsrCyrLMEmonthyearsep%
3044 ##1\DTMfinaldot{}%
3045 }%
3046 {}%
3047 }%
3048 \renewcommand*\DTMdisplaydate[4]{%
3049 \ifDTMshowdown%
3050 \ifnum##4>-1
3051 \DTMsrCyrLMEweekdayname{##4}%
3052 \DTMsrCyrLMEdowdaysep%
3053 \fi
3054 \fi
3055 \DTMifbool{sr-Cyrl-ME}{showdayofmonth}%
3056 {\DTMsrCyrLMEdayordinal{##3}\DTMsrCyrLMEdaymonthsep}%
3057 {}%
```

```

3058     \DTMSrCyr1MEmonthordinal{##2}%
3059     \DTMifbool{sr-Cyrl-ME}{showyear}%
3060     {%
3061         \DTMSrCyr1MEmonthyearsep%

3062         ##1\DTMfinaldot{%}
3063     }%
3064     {%}
3065 }%
3066 }%
3067 {% time style
3068     \renewcommand*\DTMdisplaytime[3]{%
3069         \DTMifbool{sr-Cyrl-ME}{leadingzero}{\DTMtwdigits{##1}}{\number##1}%
3070         \DTMSrCyr1MEtimesep\DTMtwdigits{##2}%
3071         \ifDTMshowseconds\DTMSrCyr1MEtimesep\DTMtwdigits{##3}\fi
3072     }%
3073 }%
3074 {% zone style
3075     \DTMresetzones%
3076     \DTMSrCyr1MEzonemaps%
3077     \renewcommand*\DTMdisplayzone[2]{%
3078         \DTMifbool{sr-Cyrl-ME}{mapzone}%
3079         {\DTMusedzonemapordefault{##1}{##2}}%
3080     {%
3081         \ifnum##1<0
3082         \else+\fi\DTMtwdigits{##1}%
3083         \ifDTMshowzoneminutes\DTMSrCyr1MEtimesep\DTMtwdigits{##2}\fi
3084     }%
3085 }%
3086 }%
3087 {% full style
3088     \renewcommand*\DTMdisplay[9]{%
3089         \ifDTMshowdate%
3090             \DTMdisplaydate{##1}{##2}{##3}{##4}%
3091             \DTMSrCyr1MEdatetimesep%
3092         \fi
3093         \DTMdisplaytime{##5}{##6}{##7}%
3094         \ifDTMshowzone%
3095             \DTMSrCyr1MEtimezonesep%
3096             \DTMdisplayzone{##8}{##9}%
3097         \fi
3098     }%
3099     \renewcommand*\DTMDisplay{\DTMdisplay}%
3100 }

```

`\DTMSr-Cyrl-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.

```

3101 \newcommand*\DTMSrCyr1MEzonemaps{%
3102     \DTMdefzonemap{01}{00}{CET}%
3103     \DTMdefzonemap{02}{00}{CEST}%
3104 }

```

Switch style according to the useregional setting.

```

3105 \DTMifcaseregional%
3106 }% do nothing

```

```

3107 {\DTMsetstyle{sr-Cyrl-ME}}%
3108 {\DTMsetstyle{sr-Cyrl-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.)
3109 \ifcsundef{date\CurrentTrackedDialect}
3110 {%
3111   \ifundef\dateserbianc%
3112   {% do nothing
3113   }%
3114   {%
3115     \def\dateserbianc{%
3116       \DTMifcaseregional%
3117       }% do nothing
3118       {\DTMsetstyle{sr-Cyrl-ME}}%
3119       {\DTMsetstyle{sr-Cyrl-ME-numeric}}%
3120     }%
3121   }%
3122 }%
3123 {%
3124   \csdef{date\CurrentTrackedDialect}{%
3125     \DTMifcaseregional%
3126     }% do nothing
3127     {\DTMsetstyle{sr-Cyrl-ME}}%
3128     {\DTMsetstyle{sr-Cyrl-ME-numeric}}%
3129   }%
3130 }%

```

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

```
3131 \ProvidesDateTimeModule{sr-Cyrl-BA}[2019/11/22 v2.1.0]
```

Load appropriate regionless Serbian module.

```
3132 \RequireDateTimeModule{serbianc}
```

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

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

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

\DTMrCyr1BAowdaysep The separator between weekday and day.

```
3133 \newcommand*{\DTMrCyr1BAowdaysep}{, \space}
```

\DTMrCyr1BAdaymonthsep The separator between the day and month for the text format.

```
3134 \newcommand*{\DTMrCyr1BAdaymonthsep}{%
3135   \DTMtexorpdfstring{\protect~}{\space}%
3136 }
```

\DTMrCyr1BAmoneyearsep The separator between the month and year for the text format.

```
3137 \newcommand*{\DTMrCyr1BAmoneyearsep}{\space}
```

\DTMrCyr1BAatetimesep The separator between the date and time blocks in the full format (either text or numeric).

```
3138 \newcommand*{\DTMrCyr1BAatetimesep}{\space}
```



`\DTMsrCyr1BAtimezonesep` The separator between the time and zone blocks in the full format (either text or numeric).

```
3139 \newcommand*\DTMsrCyr1BAtimezonesep{\space}
```

`\DTMsrCyr1BAdatesep` The separator for the numeric date format.

```
3140 \newcommand*\DTMsrCyr1BAdatesep{.}
```

`\DTMsrCyr1BAtimesep` The separator for the numeric time format.

```
3141 \newcommand*\DTMsrCyr1BAtimesep{.}
```

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

```
3142 \DTMdefkey{sr-Cyr1-BA}{dowdaysep}%
3143     {\renewcommand*\DTMsr-Cyr1-BA{dowdaysep}{#1}}
3144 \DTMdefkey{sr-Cyr1-BA}{daymonthsep}%
3145     {\renewcommand*\DTMsr-Cyr1-BA{daymonthsep}{#1}}
3146 \DTMdefkey{sr-Cyr1-BA}{monthyearsep}%
3147     {\renewcommand*\DTMsr-Cyr1-BA{monthyearsep}{#1}}
3148 \DTMdefkey{sr-Cyr1-BA}{datetimesep}%
3149     {\renewcommand*\DTMsr-Cyr1-BA{datetimesep}{#1}}
3150 \DTMdefkey{sr-Cyr1-BA}{timezonesep}%
3151     {\renewcommand*\DTMsr-Cyr1-BA{timezonesep}{#1}}
3152 \DTMdefkey{sr-Cyr1-BA}{datesep}%
3153     {\renewcommand*\DTMsr-Cyr1-BA{datesep}{#1}}
3154 \DTMdefkey{sr-Cyr1-BA}{timesep}%
3155     {\renewcommand*\DTMsr-Cyr1-BA{timesep}{#1}}
```

### 2.13.2 Switches and settings

`\DTMsrCyr1BAweekdayname` Define the weekday name, lowercase.

```
3156 \newcommand*\DTMsrCyr1BAweekdayname}%
3157 {\DTMserbiancyrijweekdayname}
```

`\DTMsrCyr1BAWeekdayname` Define the weekday name, capitalized.

```
3158 \newcommand*\DTMsrCyr1BAWeekdayname}%
3159     {\DTMserbiancyrijWeekdayname}
```

Provide a way to switch between Ekavian and Ijekavian pronunciation.

```
3160 \DTMdefchoicekey{sr-Cyr1-BA}%
3161     {pronunciation}[\@dtm@val\@dtm@nr]{ekavian,ijekavian}{%
3162     \ifcase\@dtm@nr\relax
3163     \renewcommand*\DTMsrCyr1BAweekdayname}%
3164         {\DTMserbiancyrekweekdayname}%
3165     \renewcommand*\DTMsrCyr1BAWeekdayname}%
3166         {\DTMserbiancyrekWeekdayname}%
3167     \or%
3168     \renewcommand*\DTMsrCyr1BAweekdayname}%
3169         {\DTMserbiancyrijweekdayname}%
3170     \renewcommand*\DTMsrCyr1BAWeekdayname}%
3171         {\DTMserbiancyrijWeekdayname}%
3172     \fi
3173 }
```

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

```
3174 \DTMdefboolkey{sr-Cyr1-BA}{monthi}[true]{}
```

The default is without the i suffix.

```
3175 \DTMsetbool{sr-Cyr1-BA}{monthi}{false}
```

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

```
3176 \DTMdefboolkey{sr-Cyr1-BA}{leadingzero}[true]{}
```

The default is to omit the leading zero.

```
3177 \DTMsetbool{sr-Cyr1-BA}{leadingzero}{false}
```

`\DTMrCyr1BAdayordinal` Define the day ordinal format to be used by this style.

```
3178 \newcommand*{\DTMrCyr1BAdayordinal}[1]{%
```

```
3179 \DTMifbool{sr-Cyr1-BA}{leadingzero}%
```

```
3180 {\DTMtwdigits{#1}}%
```

```
3181 {\number#1}\DTMrCyr1BADatesep}%
```

Define the month names.

`\DTMrCyr1BAnoimonthname`

```
3182 \newcommand*{\DTMrCyr1BAnoimonthname}{\DTMserbiancyrnoimonthname}
```

`\DTMrCyr1BAnoiMonthname`

```
3183 \newcommand*{\DTMrCyr1BAnoiMonthname}{\DTMserbiancyrnoiMonthname}
```

`\DTMrCyr1BAimonthname`

```
3184 \newcommand*{\DTMrCyr1BAimonthname}{\DTMserbiancyrimonthname}
```

`\DTMrCyr1BAiMonthname`

```
3185 \newcommand*{\DTMrCyr1BAiMonthname}{\DTMserbiancyrimonthname}
```

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

```
3186 \DTMdefboolkey{sr-Cyr1-BA}{mapzone}[true]{}
```

The default is to use mappings.

```
3187 \DTMsetbool{sr-Cyr1-BA}{mapzone}{true}
```

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

```
3188 \DTMdefboolkey{sr-Cyr1-BA}{showdayofmonth}[true]{}
```

The default is to show the day of month.

```
3189 \DTMsetbool{sr-Cyr1-BA}{showdayofmonth}{true}
```

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

```
3190 \DTMdefboolkey{sr-Cyr1-BA}{showyear}[true]{}
```

The default is to show the year.

```
3191 \DTMsetbool{sr-Cyr1-BA}{showyear}{true}
```

```
3192 \DTMnewstyle%
```

```
3193 {sr-Cyr1-BA}% label
```

```
3194 {% date style
```

```
3195 \renewcommand*{\DTMdisplaydate[4]}%
```

```
3196 \ifDTMshowdow%
```

```
3197 \ifnum##4>-1
```

```
3198 \DTMrCyr1BAweekdayname{##4}%
```

```
3199 \DTMrCyr1BADowdaysep%
```

```
3200 \fi
```

```

3201 \fi
3202 \DTMifbool{sr-Cyrl-BA}{showdayofmonth}
3203   {\DTMsrCyr1BAdayordinal{##3}\DTMsrCyr1BAdaymonthsep}%
3204   }%
3205 \DTMifbool{sr-Cyrl-BA}{monthi}%
3206   {\DTMsrCyr1BAimonthname{##2}}%
3207   {\DTMsrCyr1BAnoimonthname{##2}}%
3208 \DTMifbool{sr-Cyrl-BA}{showyear}%
3209 {%
3210   \DTMsrCyr1BAmonthyearsep%

3211   ##1\DTMfinaldot}%
3212   }%
3213   }%
3214 }%
3215 \renewcommand*{\DTMdisplaydate[4]}{%
3216   \ifDTMshowdown%
3217     \ifnum##4>-1
3218       \DTMsrCyr1BAWeekdayname{##4}%
3219       \DTMsrCyr1BADowdaysep%
3220     \fi
3221   \fi
3222   \DTMifbool{sr-Cyrl-BA}{showdayofmonth}
3223   {%
3224     \DTMsrCyr1BAdayordinal{##3}\DTMsrCyr1BAdaymonthsep%
3225     \DTMifbool{sr-Cyrl-BA}{monthi}%
3226     {\DTMsrCyr1BAimonthname{##2}}%
3227     {\DTMsrCyr1BAnoimonthname{##2}}%
3228   }%
3229   {%
3230     \DTMifbool{sr-Cyrl-BA}{monthi}%
3231     {\DTMsrCyr1BAimonthname{##2}}%
3232     {\DTMsrCyr1BAnoimonthname{##2}}%
3233   }%
3234   \DTMifbool{sr-Cyrl-BA}{showyear}%
3235   {%
3236     \DTMsrCyr1BAmonthyearsep%

3237     ##1\DTMfinaldot}%
3238     }%
3239     }%
3240   }%
3241 }%
3242 {% time style
3243   \renewcommand*{\DTMdisplaytime[3]}{%
3244     \DTMifbool{sr-Cyrl-BA}{leadingzero}{\DTMtwdigits{##1}}{\number##1}%
3245     \DTMsrCyr1BAtimesep\DTMtwdigits{##2}%
3246     \ifDTMshowseconds\DTMsrCyr1BAtimesep\DTMtwdigits{##3}\fi
3247   }%
3248 }%
3249 {% zone style
3250   \DTMresetzones%
3251   \DTMsrCyr1BAzonemaps%
3252   \renewcommand*{\DTMdisplayzone}[2]}{%
3253     \DTMifbool{sr-Cyrl-BA}{mapzone}%
3254     {\DTMusedzonemapordefault{##1}{##2}}%

```

```

3255   {%
3256     \ifnum##1<0
3257     \else+\fi\DTMtwdigits{##1}%
3258     \ifDTMshowzoneminutes\DTMsrCyrLBAtimesep\DTMtwdigits{##2}\fi
3259   }%
3260 }%
3261 }%
3262 {% full style
3263   \renewcommand*\DTMdisplay}[9]{%
3264     \ifDTMshowdate%
3265       \DTMdisplaydate{##1}{##2}{##3}{##4}%
3266       \DTMsrCyrLBAdateimesep%
3267     \fi
3268     \DTMdisplaytime{##5}{##6}{##7}%
3269     \ifDTMshowzone%
3270       \DTMsrCyrLBAtimezonesep%
3271       \DTMdisplayzone{##8}{##9}%
3272     \fi
3273   }%
3274   \renewcommand*\DTMdisplay}[9]{%
3275     \ifDTMshowdate%
3276       \DTMdisplaydate{##1}{##2}{##3}{##4}%
3277       \DTMsrCyrLBAdateimesep%
3278     \fi
3279     \DTMdisplaytime{##5}{##6}{##7}%
3280     \ifDTMshowzone%
3281       \DTMsrCyrLBAtimezonesep%
3282       \DTMdisplayzone{##8}{##9}%
3283     \fi
3284   }%
3285 }%

```

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

```

3286   \newcommand*\DTMsrCyrLBAmonthordinal}[1]{%
3287     \DTMifbool{sr-CyrL-BA}{leadingzero}{\DTMtwdigits{##1}}{\number##1}.}%

```

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

```

3288 \DTMdefchoicelkey{sr-CyrL-BA}{monthord}%
3289 [\@dtm@val\@dtm@nr]{arabic,roman,romanlsc}{%
3290   \ifcase\@dtm@nr\relax
3291   \renewcommand*\DTMsrCyrLBAmonthordinal}[1]{%
3292     \DTMifbool{sr-CyrL-BA}{leadingzero}%
3293     {\DTMtwdigits{##1}}{\number##1}\DTMsrCyrLBAdateimesep}%
3294 \or%
3295   \renewcommand*\DTMsrCyrLBAmonthordinal}[1]{%
3296     \DTMtexorpdfstring{\protect\DTMsrbianordinalROMAN{##1}}%
3297     {srbianordinalROMAN{##1}}}%
3298 \or%
3299   \renewcommand*\DTMsrCyrLBAmonthordinal}[1]{%
3300     \DTMtexorpdfstring{\textsc{\protect\DTMsrbianordinalroman{##1}}}%
3301     {srbianordinalROMAN{##1}}}%
3302 \fi
3303 }

```

Define numeric style.

```
3304 \DTMnewstyle%
3305 {sr-Cyrl-BA-numeric}% label
3306 {% date style
3307   \renewcommand*\DTMdisplaydate[4]{%
3308     \ifDTMshowdown%
3309       \ifnum##4>-1
3310         \DTMsrCyrlBAweekdayname{##4}%
3311         \DTMsrCyrlBAowdaysep%
3312       \fi
3313     \fi
3314     \DTMifbool{sr-Cyrl-BA}{showdayofmonth}%
3315     {\DTMsrCyrlBAdayordinal{##3}\DTMsrCyrlBAdaymonthsep}%
3316     }%
3317     \DTMsrCyrlBAmnthordinal{##2}%
3318     \DTMifbool{sr-Cyrl-BA}{showyear}%
3319     {%
3320     \DTMsrCyrlBAmnthyearsep%

3321     ##1\DTMfinaldot{%
3322     }%
3323     }%
3324   }%
3325   \renewcommand*\DTMdisplaydate[4]{%
3326     \ifDTMshowdown%
3327       \ifnum##4>-1
3328         \DTMsrCyrlBAweekdayname{##4}%
3329         \DTMsrCyrlBAowdaysep%
3330       \fi
3331     \fi
3332     \DTMifbool{sr-Cyrl-BA}{showdayofmonth}%
3333     {\DTMsrCyrlBAdayordinal{##3}\DTMsrCyrlBAdaymonthsep}%
3334     }%
3335     \DTMsrCyrlBAmnthordinal{##2}%
3336     \DTMifbool{sr-Cyrl-BA}{showyear}%
3337     {%
3338     \DTMsrCyrlBAmnthyearsep%

3339     ##1\DTMfinaldot{%
3340     }%
3341     }%
3342   }%
3343 }%
3344 {% time style
3345   \renewcommand*\DTMdisplaytime[3]{%
3346     \DTMifbool{sr-Cyrl-BA}{leadingzero}{\DTMtwdigits{##1}}{\number##1}%
3347     \DTMsrCyrlBAtimesep\DTMtwdigits{##2}%
3348     \ifDTMshowseconds\DTMsrCyrlBAtimesep\DTMtwdigits{##3}\fi
3349   }%
3350 }%
3351 {% zone style
3352   \DTMresetzones%
3353   \DTMsrCyrlBAzonemaps%
3354   \renewcommand*\DTMdisplayzone[2]{%
3355     \DTMifbool{sr-Cyrl-BA}{mapzone}%
3356     {\DTMuseumaportdefault{##1}{##2}}%
```

```

3357   {%
3358     \ifnum##1<0
3359     \else+\fi\DTMtwodigits{##1}%
3360     \ifDTMshowzoneminutes\DTMsrCyr1BAtimesep\DTMtwodigits{##2}\fi
3361   }%
3362 }%
3363 }%
3364 {% full style
3365   \renewcommand*\DTMdisplay}[9]{%
3366     \ifDTMshowdate%
3367       \DTMdisplaydate{##1}{##2}{##3}{##4}%
3368       \DTMsrCyr1BAdateimesep%
3369     \fi
3370     \DTMdisplaytime{##5}{##6}{##7}%
3371     \ifDTMshowzone%
3372       \DTMsrCyr1BAtimezonesep%
3373       \DTMdisplayzone{##8}{##9}%
3374     \fi
3375   }%
3376   \renewcommand*\DTMDisplay{\DTMdisplay}%
3377 }

```

\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.

```

3378 \newcommand*\DTMsrCyr1BAzonemaps}{%
3379   \DTMdefzonemap{01}{00}{CET}%
3380   \DTMdefzonemap{02}{00}{CEST}%
3381 }

```

Switch style according to the user regional setting.

```

3382 \DTMifcaseregional%
3383 {}% do nothing
3384 {\DTMsetstyle{sr-Cyr1-BA}}%
3385 {\DTMsetstyle{sr-Cyr1-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.)

```

3386 \ifcsundef{date\CurrentTrackedDialect}
3387 {%
3388   \ifundef\dateserbianc%
3389   {% do nothing
3390   }%
3391   {%
3392     \def\dateserbianc{%
3393       \DTMifcaseregional%
3394       {}% do nothing
3395       {\DTMsetstyle{sr-Cyr1-BA}}%
3396       {\DTMsetstyle{sr-Cyr1-BA-numeric}}%
3397     }%
3398   }%
3399 }%
3400 {%
3401   \csdef{date\CurrentTrackedDialect}{%
3402     \DTMifcaseregional%
3403     {}% do nothing

```

```
3404     {\DTMsetstyle{sr-Cyrl-BA}}%  
3405     {\DTMsetstyle{sr-Cyrl-BA-numeric}}%  
3406  }%  
3407 }%
```

## ACRONYMS

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

## CHANGE HISTORY

### 1.0

General: Initial release 7, 8, 14, 20, 27, 34, 40, 47, 54, 60, 67, 73, 80

### 1.1

General: removed spurious space 27, 33, 40, 47, 53, 60, 66, 73, 80, 86

### 2.0.0

General: Added a proper introduction. 1  
Added a switch between multiple numeric month ordinal formats used in Serbian. 5, 25, 31, 38, 45, 51, 58, 64, 71, 78, 84  
Added a switch for adding leading zeroes in day and month ordinals. 22, 29, 35, 42, 49, 55, 62, 68, 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, 61, 68, 75, 81  
Added a way to switch June, July alternate spellings. 5, 22, 29, 35, 42, 48, 55, 62, 68, 75, 81  
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, 73, 80  
Added regions. 27, 33, 40, 47, 53, 60, 66, 73, 80, 86  
Added weekday names. 6, 22, 23, 25, 28, 30, 32, 35, 36, 38, 41, 43, 45, 48, 49, 51, 55, 56, 58, 61, 63, 65, 68, 69, 71, 74, 76, 78, 81, 82, 84

All localization strings are now declared within the Python build script and both the **UTF-8** and **LICR** encoded strings are generated from said files on build, before uploading to CTAN. 8, 14

All localization strings loaded from base module. 21, 27, 34, 40, 47, 54, 60, 67, 73, 80

Fixed the (previously entirely wrong) numeric date style. 25, 32, 38, 45, 51, 58, 65, 71, 78, 84

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, 55, 62, 69, 75, 82

Restyled the documentation. 1

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

### 2.0.1

$\backslash$ DTMserbianczonemaps: Replaced wrong parameter for zonemapping. 59

$\backslash$ DTMserbianzonemaps: Replaced wrong parameter for zonemapping. 26

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

$\backslash$ DTMsr-Cyr1-MEzonemaps: Replaced wrong parameter for zonemapping. 79

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

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



`\DTMSr-Latn-BAzonemaps`: Replaced wrong parameter for zonemapping. 53  
`\DTMSr-Latn-MEzonemaps`: Replaced wrong parameter for zonemapping. 46  
`\DTMSr-Latn-RSzonemaps`: Replaced wrong parameter for zonemapping. 40  
`\DTMSr-Latnzonemaps`: Replaced wrong parameter for zonemapping. 33  
 General: Adopted semantic versioning. 1, 3–8, 14, 20–23, 25, 27–36, 38, 40–43, 45, 47–49, 51, 53–56, 58, 60–69, 71, 73–76, 78, 80–82, 84, 86  
 Changed colon → period. 5  
 Fixed non-regional variant for regional code. 27, 34, 40, 47, 54, 60, 67, 73, 80, 87  
 Fixed paragraph indentation. 5  
 Fixed region name error. 21, 27, 34, 41, 47, 54, 60, 67, 74, 80  
 Fixed wrong example. 5

Removed extraneous paragraph indentation. 8, 22, 23, 25, 29, 31, 32, 35, 36, 38, 42, 43, 45, 48, 49, 51, 55, 56, 58, 62, 64, 65, 68, 69, 71, 75, 76, 78, 81, 82, 84  
 Removed extraneous paragraphs. 7

## 2.1.0

General: Adapted the code to omit the final dot on starred version of `\DTMdate` and `\DTMDate`. Thanks Nicola 23–26, 30, 32, 37, 39, 43–46, 50, 52, 56–59, 63, 65, 70, 72, 76–79, 83, 85  
 Removed year ordinal macro since year ordinals are handled differently now. 22, 29, 36, 42, 49, 55, 62, 69, 75, 82  
 fixed `UTF-8` shortcut. 1  
 Fixed version string. 1  
 Mentioned starred `\DTMdate` 1, 5  
 Reverted wrong regional variant changes. 27, 34, 40, 47, 54, 60, 67, 73, 80, 87

## INDEX

<b>D</b>	
<code>datesep</code>	6
<code>datetimesep</code>	6
<code>daymonthsep</code>	6
<code>dowdaysep</code>	6
<code>\DTMserbiancdatesep</code>	54
<code>\DTMserbiancdatetimesep</code>	54
<code>\DTMserbiancdaymonthsep</code>	54
<code>\DTMserbiancdayordinal</code>	55
<code>\DTMserbiancdowdaysep</code>	54
<code>\DTMserbianciMonthname</code>	56
<code>\DTMserbiancimonthname</code>	56
<code>\DTMserbiancmonthordinal</code>	58
<code>\DTMserbiancmonthyearsep</code>	54
<code>\DTMserbiancnoiMonthname</code>	55
<code>\DTMserbiancnoimonthname</code>	55
<code>\DTMserbianctimesep</code>	54
<code>\DTMserbianctimezonesep</code>	54
<code>\DTMserbiancweekdayname</code>	55
<code>\DTMserbiancyrekWeekdayname</code>	13, 19
<code>\DTMserbiancyrekweekdayname</code>	13, 19
<code>\DTMserbiancyrijWeekdayname</code>	14, 20
<code>\DTMserbiancyrijweekdayname</code>	14, 20
<code>\DTMserbiancyriMonthname</code>	13, 19
<code>\DTMserbiancyrimonthname</code>	12, 19
<code>\DTMserbiancyrnoiMonthname</code>	12, 18
<code>\DTMserbiancyrnoimonthname</code>	11, 17
<code>\DTMserbianczonemaps</code>	59
<code>\DTMserbiandatesep</code>	21
<code>\DTMserbiandatetimesep</code>	21
<code>\DTMserbiandaymonthsep</code>	21
<code>\DTMserbiandayordinal</code>	22
<code>\DTMserbiandowdaysep</code>	21
<code>\DTMserbianiMonthname</code>	23
<code>\DTMserbianimonthname</code>	22
<code>\DTMserbianlatekWeekdayname</code>	10, 16
<code>\DTMserbianlatekweekdayname</code>	10, 16
<code>\DTMserbianlatijWeekdayname</code>	11, 17
<code>\DTMserbianlatijweekdayname</code>	11, 17
<code>\DTMserbianlatiMonthname</code>	10, 16
<code>\DTMserbianlatimonthname</code>	9, 16
<code>\DTMserbianlatnoiMonthname</code>	9, 15
<code>\DTMserbianlatnoimonthname</code>	8, 14
<code>\DTMserbianmonthordinal</code>	25
<code>\DTMserbianmonthyearsep</code>	21
<code>\DTMserbiannoiMonthname</code>	22
<code>\DTMserbiannoimonthname</code>	22
<code>\DTMserbianordinalROMAN</code>	7
<code>\DTMserbianordinalroman</code>	7
<code>\DTMserbiantimesep</code>	21
<code>\DTMserbiantimezonesep</code>	21
<code>\DTMserbianweekdayname</code>	22
<code>\DTMserbianzonemaps</code>	26
<code>\DTMSr-Cyrl-BAzonemaps</code>	86
<code>\DTMSr-Cyrl-MEzonemaps</code>	79
<code>\DTMSr-Cyrl-RSzonemaps</code>	73
<code>\DTMSr-Cyrlzonemaps</code>	66
<code>\DTMSr-Latn-BAzonemaps</code>	53



\DTMsrlatnrStimezonesep 34  
\DTMsrlatnrSweekdayname 35  
\DTMsrlatnrTimeSep 28  
\DTMsrlatnrTimezonesep 28  
\DTMsrlatnrWeekdayname 28

**L**

leadingzero 5

**M**

mapzone 6  
monthi 5  
monthord 5  
monthyearsep 6

**P**

pronunciation 4, 4

**S**

showdayofmonth 6  
showdow 6  
showyear 6

**T**

timesep 6  
timezonesep 6

**U**

useregional 1, 4, 27, 33, 40, 46, 53, 60, 66, 73,  
79, 86