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Posted by [Dmitry Kovalenko](#) on Fri, 30 Jun 2023 06:36:39 GMT

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```
select extract(TIMEZONE_HOUR from cast('2023-06-19 10:02:30 Europe/Moscow' as timestamp
with time zone)) from rdb$database;
```

```
select cast(cast('2023-06-19 10:02:30 Europe/Moscow' as timestamp with time zone) as
VARCHAR(128)) from rdb$database;
```

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"Kurope/Loscow"?


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File Attachments

1) [2023\\_06\\_30--001--ibe--unknown\\_tz\\_region.png](#), downloaded 1226 times

Error



can't format message 13:99 -- message file C:\WINDOWS\SYSTEM32\firebird.msg no  
Invalid time zone region: Kurope/Moscow.

-----

SQLCODE: -901  
SQLSTATE: 22009  
GDSCODE: 335545214

OK

2) [2023\\_06\\_30--002b--fb--TimeZoneUtil\\_\\_extractOffset.png](#), downloaded 1201 times

```
590
591 UCalendar* icuCalendar = icuLib.icalOpen( ≤ 3ms elapsed
592 getDesc(timestampTz.time_zone)->getUnicodeName
593
594 if (!icuCalendar)
```

00 %

locals

Name	Value
▶  `anonymous namespace`::TimeZoneDesc::getUnicodeName returned	0x0000000004dc
displacement	-13108
▶  icuCalendar	0xc000000000000000
icuErrorCode	U_ZERO_ERROR (0)
▶  icuLib	{ucnv_open_63=icu
▶  offset	0x000000000024e
▶  timestampTz	{utc_timestamp={
▶  utc_timestamp	{timestamp_date=
▶  time_zone	65064

3) [2023\\_06\\_30--003--ibe--Kurope\\_Moscow\\_\\_TIMEZONE\\_HOUR.png](#), downloaded 1190 times

Field Name	Type	Null	Value
EXTRACT	SMALLINT	<input type="checkbox"/>	0

4) [2023\\_06\\_30--004--ibe--Kurope\\_Moscow\\_\\_name.png](#), downloaded 1216 times

Style: Classic		Memos height: 150		<input type="checkbox"/> Memos Word Wrap
Field Name	Type	Null	Value	
CAST	VARCHAR(128)	<input type="checkbox"/>	2023-06-19 10:02:30.0000 Ku	

5) [2023\\_06\\_30--005--ibe--Kurope\\_Loscow\\_name.png](#), downloaded 1197 times

Style: Classic		Memos height: 150		<input type="checkbox"/> Memos Word Wrap
Field Name	Type	Null	Value	
CAST	VARCHAR(128)	<input type="checkbox"/>	2023-06-19 10:02:30.0000 Kur	

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Posted by [fraks](#) on Fri, 30 Jun 2023 08:36:53 GMT  
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<https://habr.com/ru/articles/130401/>

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Posted by [fraks](#) on Fri, 30 Jun 2023 08:47:07 GMT  
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Posted by \_\_\_\_\_ on Fri, 30 Jun 2023 12:48:15 GMT  
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Posted by

on Fri, 30 Jun 2023 13:13:25 GMT

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<https://www.youtube.com/watch?v=wBilsgTljdg>

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Posted by [Dmitry Kovalenko](#) on Fri, 30 Jun 2023 13:26:03 GMT

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Posted by [hvlad](#) on Sat, 01 Jul 2023 17:08:56 GMT

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doc\sql.extensions\README.time\_zone.md### Function `DATABASE\_VERSION`  
`RDB\$TIME\_ZONE\_UTIL.DATABASE\_VERSION` returns the time zone database version.

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Posted by [hvlad](#) on Sat, 01 Jul 2023 17:10:35 GMT  
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Posted by [Dmitry Kovalenko](#) on Mon, 03 Jul 2023 05:06:22 GMT  
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doc\sql.extensions\README.time\_zone.md### Function `DATABASE\_VERSION`  
`RDB\$TIME\_ZONE\_UTIL.DATABASE\_VERSION` returns the time zone database version.

Note: When unknown TimeZone ID is specified or if the TimeZone ID specified is "Etc/Unknown", the UCalendar returned by the function is initialized with GMT zone with TimeZone ID UCAL\_UNKNOWN\_ZONE\_ID ("Etc/Unknown") without any errors/warnings.

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Posted by [hvlad](#) on Mon, 03 Jul 2023 07:23:12 GMT  
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