
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;
```

"Kurope/Loscow"?

File Attachments

1) [2023_06_30--001--ibe--unknown_tz_region.png](#), downloaded 2793 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 2804 times

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

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

3) [2023_06_30--003--ibe--Kurope_Moscow__TIMEZONE_HOUR.png](#), downloaded 2780 times

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

4) [2023_06_30--004--ibe--Kurope_Moscow__name.png](#), downloaded 2786 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 2785 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	

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

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>

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.

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.

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