
Posted by [shalamyansky](#) on Wed, 14 Sep 2022 19:54:18 GMT
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Posted by [SD](#) on Wed, 14 Sep 2022 21:34:55 GMT
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Posted by _____ on Thu, 15 Sep 2022 09:15:33 GMT
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Posted by [shalamyansky](#) on Thu, 15 Sep 2022 15:51:01 GMT
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RDB\$DATABASE.\$RDB\$CHARACTER_SET_NAME = WIN1251
VI-V4.0.2.2816 Firebird 4.0

isql.exe -u 'SYSDBA' -p 'masterkey' test

Database: test, User: SYSDBA

SQL> set names WIN1251;

SQL>

SQL> set term ^;

SQL>

SQL> create or alter function TEST_BLOB_FUNC

CON> returns blob sub_type 1 character set UTF8

CON> as

CON> begin

CON> return _utf8 x'D180D183D181D181D0BAD0B8D0B520D0B1D183D0BAD0B2D18B';

CON> end^

SQL>

SQL> set term ;^

SQL>

SQL> select

CON> test_blob_func() as raw_data_UTF8

CON> , cast(test_blob_func() as blob sub_type 1 character set UTF8) as cast_data_UTF8

CON> , cast(test_blob_func() as blob sub_type 1 character set WIN1251) as

cast_data_WIN1251

CON> from rdb\$database;

RAW_DATA_UTF8 CAST_DATA_UTF8 CAST_DATA_WIN1251

=====
0:6 0:5 0:4

=====
=====

RAW_DATA_UTF8:

```
=====
=====
=====
CAST_DATA_UTF8:
=====
=====
=====
CAST_DATA_WIN1251:
=====
=====
SQL>
```

```
isql.exe -u 'SYSDBA' -p 'masterkey' test
```

```
Database: test, User: SYSDBA
```

```
SQL> set names WIN1251;
```

```
SQL>
```

```
SQL> set term ^;
```

```
SQL>
```

```
SQL> create or alter procedure TEST_BLOB_PROC
```

```
CON> returns(
```

```
CON>   BLOB_RESULT blob sub_type 1 character set UTF8
```

```
CON> )as begin
```

```
CON>   BLOB_RESULT = _utf8
```

```
CON>   suspend;
```

```
CON> end^
```

```
SQL>
```

```
SQL> set term ;^
```

```
SQL>
```

```
SQL> select
```

```
CON>   BLOB_RESULT                               as raw_data_utf8
```

```
CON>   , cast( BLOB_RESULT as blob sub_type 1 character set UTF8 )   as cast_data_utf8
```

```
CON>   , cast( BLOB_RESULT as blob sub_type 1 character set WIN1251 ) as
```

```
cast_data_win1251
```

```
CON> from
```

```
CON>   test_blob_proc;
```

```
RAW_DATA_UTF8  CAST_DATA_URTF8  CAST_DATA_WIN1251
```

```
=====
```



```
=====
====
CAST_DATA_UTF8:
```

```
=====
====
=====
====
CAST_DATA_WIN1251:
```

```
=====
====

SQL> exit;
```

```
isql.exe -u 'SYSDBA' -p 'masterkey' test -ch UTF8
Database: test, User: SYSDBA
```

```
SQL> select
CON> test_blob_func() as raw_data_UTF8
CON> , cast( test_blob_func() as blob sub_type 1 character set UTF8 ) as cast_data_UTF8
CON> , cast( test_blob_func() as blob sub_type 1 character set WIN1251 ) as
cast_data_WIN1251
CON> from rdb$database;
```

```
RAW_DATA_UTF8 CAST_DATA_UTF8 CAST_DATA_WIN1251
=====
```

```
=====
====
CAST_DATA_UTF8:
```

```
=====
====
=====
====
CAST_DATA_WIN1251:
```

```
=====
====

SQL>
```



Posted by [SD](#) on Thu, 15 Sep 2022 21:42:37 GMT

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'chcp 65001'.

Posted by [BlackEric](#) on Sat, 17 Sep 2022 20:32:24 GMT

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Posted by [sim_84](#) on Mon, 19 Sep 2022 06:44:46 GMT

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Posted by [ggreggory](#) on Mon, 19 Sep 2022 17:44:14 GMT

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Posted by [sim_84](#) on Mon, 19 Sep 2022 18:06:20 GMT
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Posted by [ggreggory](#) on Mon, 19 Sep 2022 19:04:11 GMT
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