

**Name**

mysql\_set\_character\_set - Sets the default character set for connection

**Synopsis**

```
#include <mysql.h>

int mysql_set_character_set(MYSQL * mysql,
                           const char * csname);
```

**Description**

Sets the default [data-types-character-sets-and-collations()](character set)] for the current connection. Returns zero on success, non-zero on failure.

**Parameters**

- ⊕ mysql - a mysql handle, which was previously allocated by mysql\_init() (mysql\_init) or mysql\_real\_connect(3).
- ⊕ csname - character set name ### Notes
- ⊕ It's strongly recommended to use mysql\_set\_character\_set() instead of SET NAMES ... since mysql\_real\_escape\_string(3) might fail or deliver unexpected results.

**Return value**

Zero on success, non zero if an error occurred

**Supported character sets**

The client library supports the following character sets:

Character set	Description
armscii8	8 bit character set for Armenian
ascii	US ASCII character set
big5	2 byte character set for traditional Chinese, Hongkong, Macau and Taiwan
binary	8 bit binary character

	set
cp1250	Windows code page 1250 character set
cp1251	Windows code page 1251 character set
cp1256	Windows code page 1256 character set
cp1257	Windows code page 1257 character set
cp850	MS-DOS Codepage 850 (Western Europe)
cp852	MS-DOS Codepage 852 (Middle Europe)
cp866	MS-DOS Codepage 866 (Russian)
cp932	Microsoft Codepage 932 (Extension to sjis)
dec8	DEC West European
eucjpms	UJIS for Windows Japanese
euckr	EUC KR-Korean
gb2312	GB-2312 simplified Chinese
gbk	GBK simplified Chinese
geostd8	GEOSTD8 Georgian
greek	ISO 8859-7 Greek
hebrew	ISO 8859-8 Hebrew
hp8	HP West European
keybcs2	DOS Kamenicky Czech-Slovak
koi8r	KOI8-R Relcom Russian
koi8u	KOI8-U Ukrainian

latin1	CP1252 Western European
latin2	ISO 8859-2 Central Europe
latin5	ISO 8859-9 Turkish
latin7	ISO 8859-13 Baltic
macce	MAC Central European
macroman	MAC Western European
sjis	SJIS for Windows Japanese
swe7	7-bit Swedish
tis620	TIS620 Thai
ucs2	UCS-2 Unicode
ujis	EUC-JP Japanese
utf8	UTF-8 Unicode
utf16	UTF-16 Unicode
utf32	UTF-32 Unicode
utf8mb4	UTF 4-byte Unicode

**See also**

⊕ [mysql\\_get\\_character\\_set\\_info\(3\)](#)

⊕ [mysql\\_real\\_escape\\_string\(3\)](#)