

Name

mysql_select_db - selects a database as default

Synopsis

```
#include <mysql.h>

int mysql_select_db(MYSQL * mysql,
                   const char * db);
```

Description

Selects a database as default. Returns zero on success, non-zero on failure

Parameters

- ⊕ mysql is a connection identifier, which was previously allocated by **mysql_init(3)** and connected by **mysql_real_connect(3)**.
- ⊕ db - the default database name

Notes

- ⊕ To retrieve the name of the default database either execute the SQL command **SELECT DATABASE()** or retrieve the value via **mysqli_get_info(3)** API function.
- ⊕ The default database can also be set by the db parameter in **mysql_real_connect(3)**.

Examples**SQL**

```
# switch to default database test
USE test;
# check default database
SELECT DATABASE();
+-----+
| database() |
+-----+
| test      |
+-----+
```

Mariadb Connector/C

```
static int set_default_db(MYSQL *mysql)
{
    int rc;
    char *default_db;

    /* change default database to test */
    rc= mysql_select_db(mysql, "test");
    if (rc)
        return rc; /* Error */

    /* get the default database */
    rc= mariadb_get_infov(mysql, MARIADB_CONNECTION_SCHEMA, &default_db);
    if (rc)
        return rc; /* Error */

    if (strcmp("test", default_db) != NULL)
    {
        printf("Wrong default database\n");
        return 1;
    }
    printf("Default database: %s", default_db);
    return 0;
}
```

See also**mysql_real_connect(3)**