
Subject: Re: SQLite and foreign keys

Posted by [chickenk](#) on Thu, 17 Oct 2013 08:20:21 GMT

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Another note: foreign keys in sqlite3 are deactivated by default.

To have them enabled by default, one should define the CPP macro

SQLITE_DEFAULT_FOREIGN_KEYS, see line 112284 of uppsrc/plugin/sqlite3/lib/sqlite3.c.

I use sqlite3 at work outside of U++, and my own solution is the following code (because I use a precompiled sqlite3 library), but I suppose defining SQLITE_DEFAULT_FOREIGN_KEYS is equivalent:

```
int fkey_support;
int sqlRet = sqlite3_open(path, &DB);
/* [...] */
if (sqlite3_db_config(DB, SQLITE_DBCONFIG_ENABLE_FKEY, 1, &fkey_support) !=
SQLITE_OK)
{
    /* handle error */
}
printf("Foreign keys support is %s.\n", fkey_support?"ON":"OFF");
```
