
Subject: Sqlite3 database

Posted by [idkfa46](#) on Fri, 07 Jun 2013 09:59:24 GMT

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Hi all,

I'm trying to move schemas file and database file in a different directory.

```
bool nodb = false;
Sqlite3Session db;
db.LogErrors(true);

#ifdef flagDEBUG
    db.SetTrace();
    nodb = true;
#endif

FileIn fi("setting.db3");
if(fi.IsError() || fi.GetSize() <= 0)
    nodb = true;
fi.Close();

if(!db.Open(ConfigFile("setting.db3")))
{
    Exclamation(t_("Can't create or open database file"));
    return;
}

SQL = db;

if(nodb)
{
    SqlSchema sch(SQLITE3);
    StdStatementExecutor se(db);
    All_Tables(sch);

    Progress p;
    p.SetText(t_("Creating database"));
    {
        if(sch.ScriptChanged(SqlSchema::UPGRADE))
        {
            Sqlite3PerformScript(sch.Upgrade(), se, p);
        }
        if(sch.ScriptChanged(SqlSchema::ATTRIBUTES))
        {
            Sqlite3PerformScript(sch.Attributes(), se, p);
        }
        if(sch.ScriptChanged(SqlSchema::CONFIG))
```

```
{
    Sqlite3PerformScript(sch.ConfigDrop(), se, p);
    Sqlite3PerformScript(sch.Config(), se, p);
}
sch.SaveNormal();
}
}
```

Atm the are located in the .exe directory. With a sch.SaveNormal(ConfigPath) I'm able to move schemas but not the setting.db3 .
any suggestion?

Regards,
Matteo

Subject: Re: Sqlite3 database
Posted by [dolik.rce](#) on Fri, 07 Jun 2013 19:32:28 GMT
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Hi Matteo,

Maybe I missed something in your question, but if you just need to move files somewhere else, why not use the functions from Core that do just that. Simple call one of those before you call db.Open():
`bool FileCopy(const char *oldpath, const char *newpath);`
`bool FileMove(const char *oldpath, const char *newpath);`

Also, I see your code checks if the file exists by reading it all in memory. That is not very efficient
There are functions for this too:
`int64 GetFileLength(const char *path);`
`bool FileExists(const char *path);`
`bool DirectoryExists(const char *path);`

Have a look in Core/Path.h or in the relevant documentation

If I misunderstood the problem, please try to specify what exactly is the problem...

Best regards,
Honza
