

Re: SQL Server Express as an embedded database

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.msde/2005-12/msg00040.html>

- *From:* "Dean Mitchell" <not@xxxxxxxxxxxx>
 - *Date:* Wed, 14 Dec 2005 08:54:00 +1300
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Thanks for that Roger, it all looks fairly straight forward, not as scary as I imagining.
Dean

"Roger Wolter[MSFT]" <rwolter@xxxxxxxxxxxxxxxxxxxx> wrote in message [news:uf9RoS6\\$FHA.2652@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:uf9RoS6$FHA.2652@xxxxxxxxxxxxxxxxxxxxxxxx)

> The Express install can be embedded in your product's installation program.

> Here's a whitepaper that should help:

>

<http://msdn.microsoft.com/library/default.asp?url=/library/en-us/dnsse/html/EmSQLExCustApp.asp>

>

> Many applications upgrade their database as part of service packs of software upgrade. The most common way to do this is to create a SQL script

> that includes the required ALTER statements to upgrade the database and have

> the setup run the script with sqlcmd.exe.

>

> --

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> "Dean Mitchell" <not@xxxxxxxxxxxx> wrote in message

> [news:ODYTOU2\\$FHA.740@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:ODYTOU2$FHA.740@xxxxxxxxxxxxxxxxxxxxxxxx)

> > Hi everyone,

> >

> > We have a requirement to distribute a database with our client-server

> > application. From a database perspective the application is not

> > particularly complex. We have a couple of servers that need to connect to

> > the database using ODBC (none of the clients will connect to the database),

> > and the servers are mainly single threaded, although there is the odd

> > occassion where they will create another thread do some work, but 99% of

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>> the
>> time they are single threaded.
>>
>> So SQL Server Express seems like it will do the job for us, my boss
>> particularly likes the cost!. But I would like to effectively embed the
>> database within the application, so the installer is not necessarily
aware
>> that there is a database involved, as alot of the time the people doing
>> the
>> installation will be 3rd party dealers who are not necessarily that
>> knowlegable about such things.
>>
>> Our application installs very straight forward at the moment, they just
>> run
>> the installer and answer a few question, the rest is all self
configuring.
>> So I would like it to stay simple, is this possible when incorportaing a
>> database, and how would we go about such tasks as creating a database
>> instance, adding/modifying the tables, and configuring an ODBC
connection?
>>
>> The other issue is how do we cope with upgrades, we have frequent
upgrades
>> to the software, 1-2 a month and not all of them would involve changes
to
>> the tables. And as we do not upgrade all the customers each time, when
>> they
>> do get upgraded they may be jumping several version at a time. it would
>> need
>> to be able to cope with upgrades seamlessly. How do we upgrade our
>> database
>> by adding tables, or columsn to existing tables? Ultimately I would
like
>> the whole process to be automated.
>>
>> Am I being overambitious with what I would like to do?
>>
>> Unfortunately we are stuck with an application written in Borlands
>> CppBuilder, so we have access to any of the tools that I suspect are
>> provided with Visual Studio. We use Wise for Windows Installers which
has
>> a
>> capability of installing SQL Server databases, but they appear to drop
the
>> tables if there is any modification required. As that would result in
>> loss
>> of data, that is not a acceptable solution.
>>
>> thanks for everyones time
>> Regards
>> Dean

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• **References:**

- ◆ **SQL Server Express as an embedded database**
 ◇ *From:* Dean Mitchell
- ◆ **Re: SQL Server Express as an embedded database**
 ◇ *From:* Roger Wolter[MSFT]

- Prev by Date: **MSDE Purge/shrink not allowed as it would take over 2048MB?**
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