

Re: Choosing the right embedded database.

Source:

<http://coding.derkeiler.com/Archive/Delphi/borland.public.delphi.thirdpartytools.general/2005-08/msg00092.html>

- *From:* Sanford Aranoff <aranoff@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Fri, 29 Jul 2005 10:07:50 -0400
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Chris Swinney wrote:

- > Hi
- >
- > I am looking for the right tool for the job and came across you database
- > application which may well fit the bill. We want a simple database
- > application that will be freely distributed non-commercial for standalone
- > users of a group of dancers. By simple, I mean real simple, the data is
- > fairly structured and can be rationalised and is simply a way of searching
- > for and then printing off a selection of dance information form a long list
- > of dances (approx 5000 records). The report created should be importable
- > into Word or such and a degree of customisation maybe nice. The current task
- > is being complete with the use of a Word template and although this is
- > cumbersome and difficult to maintain, it does actually work!
- >
- > Most users would download the application and data from a website via DIAL
- > UP connections and would have no database package installed on their
- > machines. I want the footprint to be as small as possible with no
- > unnecessary additional files to be downloaded or installed.
- >
- > I would normally create such an application in Access but building a
- > distributable package means that the MDSE engine or Access runtime files
- > need to be distributed which runs into a 40MB download! As dial up internet
- > access is the only real method of distribution, this is WAY to large. Most
- > users will not know what is installed on their machines so I do not want to
- > point then to the Microsoft site for other downloads, free or not. As I have
- > dealt with Delphi in the past (version 4), I was looking at alternative to
- > the BDE which I believe still has around 3MB of run time files that need to
- > be distributed. As I also understand, BDE is generally regarded as an older
- > system and could be left unsupported soon.
- >
- > One facility that would be nice is for users to be able to update their
- > local data store via an internet link. As users "could" also add further
- > dance information to their local store, it maybe nice if this was a two way
- > procedure. However, this could lead to repetition of information if
- > everything was stored in the same table so maybe added data form the users

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- > could be stored in a separate table and then uploaded to a different
- > temporary store to the downloaded updates. This uploaded information would
- > then be checked through and added to the download store ready for the next
- > updates. Would this be done with some kind of replication, but what are the
- > data repetition issues if any?
- >
- > Is any of this actually possible with an embedded system?
- >
- > There are currently around 1000 users of the word template. The application
- > would only ever run in a Windows PC environment and 99% of the time this
- > would be as a single user with a local store. Only occasionally would the
- > users update the store.

dbisam. Check out their website: elevatesoft, and their newsgroups.

• *Follow-Ups:*

- ◆ ***Re: Choosing the right embedded database.***

◇ *From:* Larry Maturo

• *References:*

- ◆ ***Choosing the right embedded database.***

◇ *From:* Chris Swinney

- Prev by Date: ***Re: Loose comparison***
- Next by Date: ***Re: OpenSource vs. Commercial***
- Previous by thread: ***Re: Choosing the right embedded database.***
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