

Re: Pros n Cons – One class to hold all Data Access Method?

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> > *What are the Pros n Cons of having ONE and ONLY ONE class to hold all Data Access Method? Or*
> >
> *I do this in both small and large apps, but there is an issue that I don't see mentioned here much. I do not mix sql code and .net code. I was told many years ago to let the database do what it does best, so I never allow a database to accept sql code. Everything is done with stored procedures. That makes my DAL class very simple and my db code very secure and effecient. I even do this with access database apps, even though they aren't as effecient as sql server when executing stored procedures.*

Pros:

- Built-in Security
- Modular design (for SQL code anyway)
- No recompile for query mods

Cons:

- Monolithic & inflexible
- Heavy dependancy on data engine
- Non-modular design for data access components (the .NET side)
- Must re-sync SQL procs when queries change
- Negates some of the preformance advantages of using DataSets and Views

> *A small bonus to this is that you can protect your business logic to some degree by having it locked away in a database where it is inaccessible without the proper credentials.*

This is true, but it also means that you can't effect logic from .NET code, which causes a proliferation of stored procs for every little nuance in the logic. Or, you get procs with 8 million parameters, which complicates the query and the ability to understand what it does.

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Jeremy