

Re: Stored Procedures v Views

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.programming/2004-10/0731.html>

From: Marek (*Marek_at_discussions.microsoft.com*)

Date: 10/04/04

Date: Mon, 4 Oct 2004 11:51:04 -0700

Thanks for the response. What I am trying to do is replicate something I have already done in my Access DB. I have a very simple form in Access whereby a user can choose one of 4 options from a set of option buttons – they are the different categories I have in a table in the DB. They then choose one of 3 options in a second set of option buttons (similar type of thing) then finally choose an option from a combo box. The combined choices they make are then used to create the SQL statement which is then used to display the results in a listbox. It's fairly straight forward really. The query draws the data from 4 tables. Works really well in Access. But I now have to recreate everything in a SQL database with web front end. This is where I need advice. Do I use a stored proc or a view? I didn't know a View could contain parameters. If I used a stored proc how do I create the the query string? Is this best done in the web application that then passes the parameters over to the Stored Proc? That's what I am leaning towards.

Marek

"Louis Davidson" wrote:

- > *Simple. Either, both, or neither :)*
- >
- > *Seriously, probably not a view, though you might want to encapsulate the*
- > *static parts of your query into a view. If the criteria is pretty*
- > *straightforward, just use a stored procedure. Stored procedures give you*
- > *real power over what you do, in that you can have multiple statements.*
- >
- > *Depending on how complex your criteria is, you might not want to use either.*
- > *Just dynamically build a SQL statement using some other tool (like your VBA*
- > *code does now) and just send dynamic SQL statements. This is rarely the*
- > *best way to go, but it may be, depending on your needs.*
- >
- > *You might also want to look at user-defined functions as a possible tool.*
- >
- > *If you can be more specific about what your needs are, it will be easier to*
- > *give you an answer. Suffice it to say that 85% of the time (or is it 86%,*
- > *or 87.5%?) stored procedures are the best way to go for a public interface*
- > *into SQL Server when the database is used to support OLTP. Once you have*

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- > *this interface, even if your stored procedure is poorly written, you can*
- > *change the underlying structure and as long as the parameters don't change,*
- > *you can rewrite the proc and your user systems don't have to change.*

>
> --
>

> *Louis Davidson – drsql@hotmail.com*

> *SQL Server MVP*

>

> *Compass Technology Management – www.compass.net*

> *Pro SQL Server 2000 Database Design –*

> *<http://www.apress.com/book/bookDisplay.html?bID=266>*

> *Note: Please reply to the newsgroups only unless you are interested in*

> *consulting services. All other replies may be ignored :)*

>

> *"Marek" <Marek@discussions.microsoft.com> wrote in message*

> *news:A62EED87-A532-4769-AB48-D21882A2438B@microsoft.com...*

> *> Hi,*

> *>*

> *> New to SQL 2000 – previously an Access person – pretty good at it too!*

> *>*

> *> My question is about using a stored procedure or Views to return a*

> *> recordset. I have an Access database that I am converting in SQL. I have*

> *> some VBA code that generates a whole load of rows and displays the results*

> *> in*

> *> a datasheet form. The code dynamically generates a SQL statement in VBA,*

> *> creates a temporary query using DAO and bingo. Creating the SQL statement*

> *> was tricky – it depends on what options the user has selected in terms of*

> *> what they want to see. It effectively a little querying tool. But it*

> *> works*

> *> very nicely in Access and now I need to replicate the same thing in SQL.*

> *> Not*

> *> sure how to go about this – use a View or Stored Procedure – from what I*

> *> can*

> *> gather it would be a stored procedure but I am not sure where to start.*

> *>*

> *> --*

> *> Many thanks in advance for any assistance*

>

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