

VBA Microsoft Access and SQL Server

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Subject: Power Point Slide presentation retrieving and updating information into a SQL Server database.

I am currently working on a project with Power Point. The requirements for the project is that I must 1) take input(s) in the Power Point and insert it into a Microsoft SQL Server database. Then 2) I must be able to extract the information from the Microsoft SQL Server database and re-populate a Power Point template with the information retrieved from the Microsoft SQL Server database.

The issue is this 1) Power Point is a flat file which means that it has no intelligence. However, we can add intelligence to the flat file by means of a desk top programming language Visual Basic for Application (VBA). 2) Visual Basic for Application (VBA) is the industry standard for embedding intelligence into a flat file. VBA is used by industry to place embedded objects into Excel, PowerPoint, Microsoft Word and Microsoft Access. 3) The problem is that VBA was NOT originally designed to connect to a Microsoft SQL Server database. Originally it was designed to connect to Excel and Microsoft Access. Also, after much Googling , I get the impression that VBA does not supports ADO.NET access to Microsoft SQL Server.

My thoughts are this, if VBA connect access Microsoft SQL server directly then maybe we can use it to connect to Microsoft Access and then have Microsoft Access feed into a Microsoft SQL Server database.

(I.E. shown below...)

Solution # 1)

My own personal recommendation for inserting data from Power Point to Microsoft SQL Server database: Embed VBA objects into Power Point 2) then have the embedded VBA objects in the Power Point slides feed into a Microsoft Access database. 3) Have the Microsoft Access database feed into a Microsoft SQL Server Database. this will ensure that our data is stored in a SQL Server database.

My recommendation for outputting data from Power Point to Microsoft SQL Server database:

VBA Microsoft Access and SQL Server

Have the Microsoft SQL Server database feed into a Microsoft Access database. Then have the Power Point Slides retrieve the data from the Microsoft Access database.

Solutions #2)

My own personal recommendation for outputting data from Power Point to Microsoft SQL Server database:

Have the Microsoft SQL Server database feed into a Microsoft Access database. Then have the Power Point Slides retrieve the data from the Microsoft Access database.

Request for comment/recommendations . . . also, if somebody worked on a similar project, know how to connect directly to SQL Server from VBA, or know of an application that can perform the functionality stated please reply back to this posting or my e-mail jpdrake@xxxxxxxxxxxx

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