

How to use database stored-procedure

Question: I tried the beta version of your stored-procedure performer, but I do not know how to show data returned by my stored-procedures.

Answer: You need to set Count Property to the number of record sets you expect to get from the stored-procedure. You will see Table properties after you set Count to larger than 0. You set each Table property to one Data Table performer. The data will be displayed on that Data Table performer.

Let's do it step by step.

Suppose you already created a database connection connecting to a SQL Server database. If you do not know how to do it, please read download and read H6_UseSQLServer.doc.

Drop a stored-procedure performer to a page:



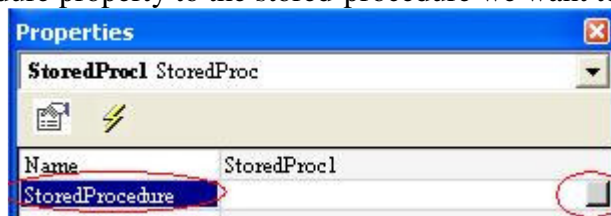
It appears in the Extra-performers window for the page because it does not have its own user interface:



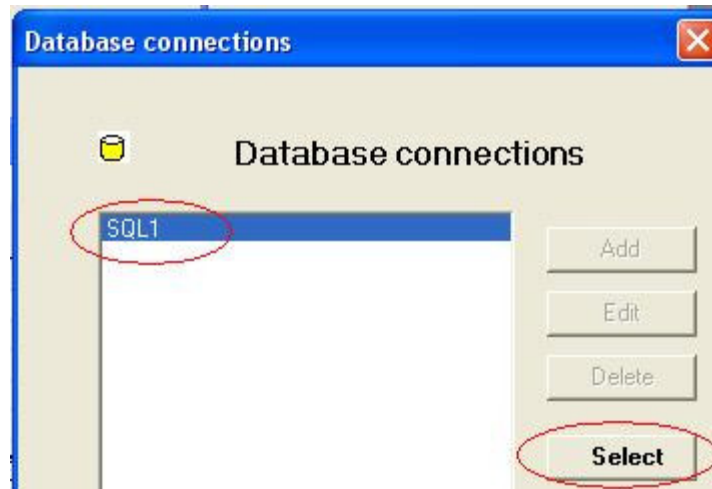
Right-click on it and choose Properties:



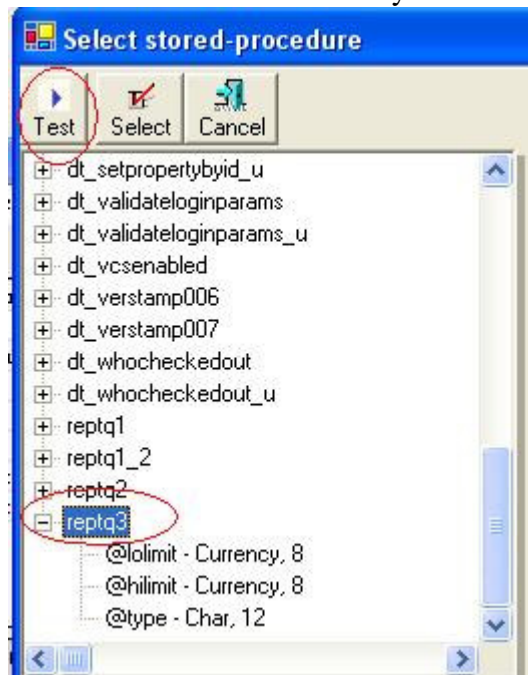
Set its Stored-Procedure property to the stored-procedure we want to use:



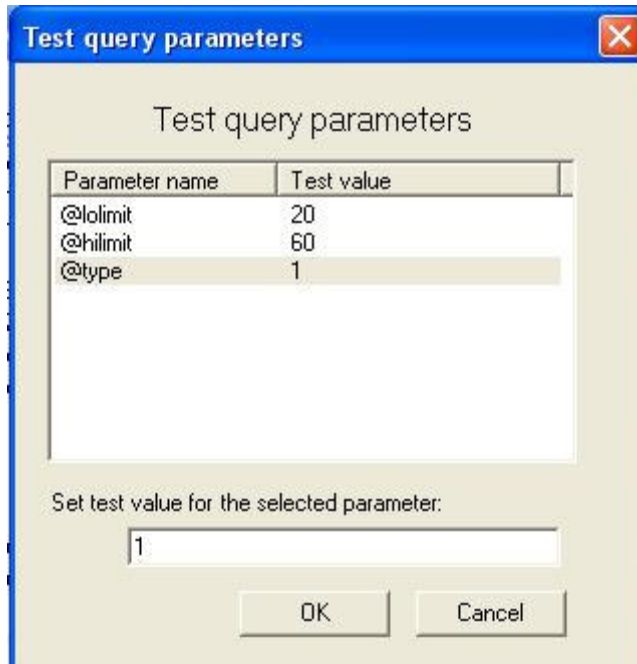
First it asks you to select the database connection for the stored-procedure:



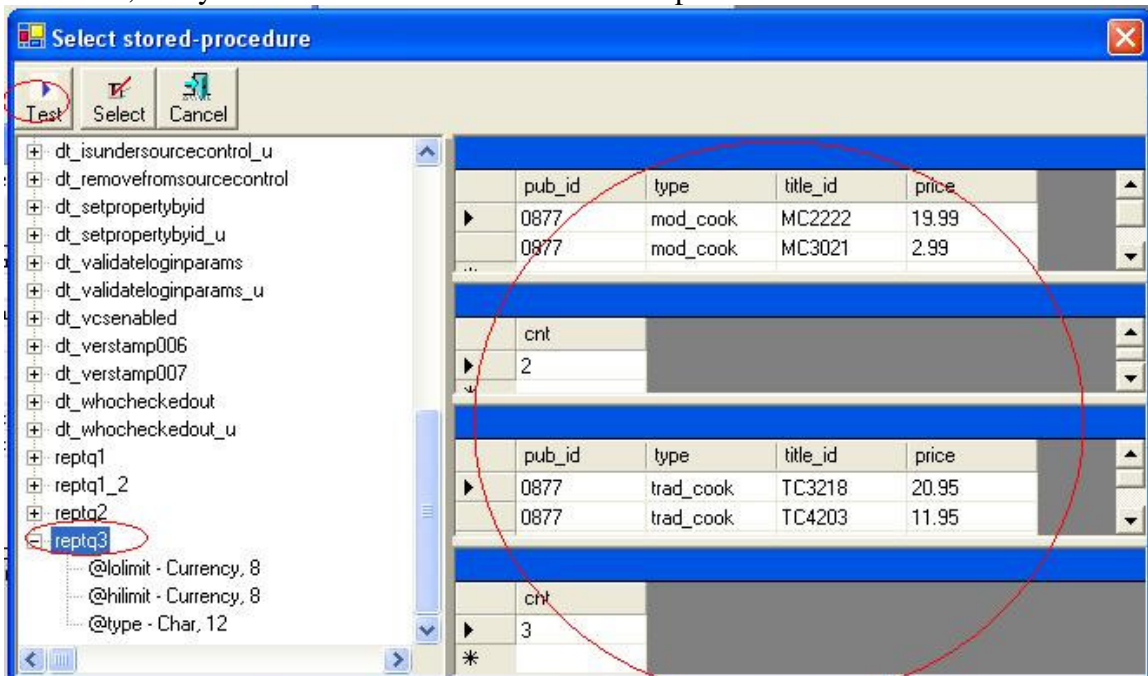
The database connections must be created before by “Project | Databases” menu. If you do not know how to create database connections, read H6_UseSQLServer.doc. It lists all the stored-procedures from the database for you to select one:



You may click Test button to try to run it if you want, but it is not a necessary step. If you click Test button, it will ask you to give values for the parameters:



Click OK, and you will see the data from the stored-procedure:



If you decide to use the stored-procedure, click Select button:

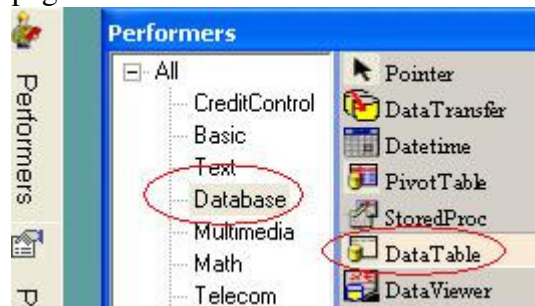


From the test data, we see that the stored-procedure returns 4 data sets. Suppose we want to show the first 2 data sets. Let's set the Count property to 2:

Properties	
StoredProc1 StoredProc	
Name	StoredProc1
StoredProcedure	reptq3
Enabled	True
Params	@lolimit,@hilimit,@type
CompleteCode	0
Count	2

We get two Table properties.

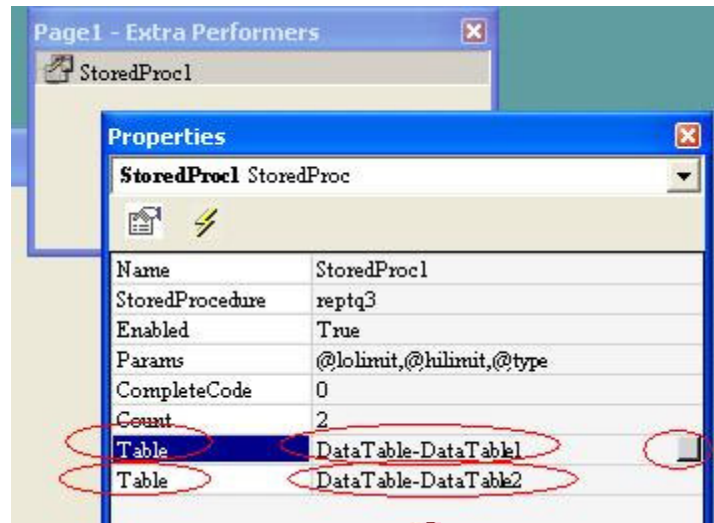
Now let's use two Data Table performers to display the two data sets. Drop two Data Table performers to the page:



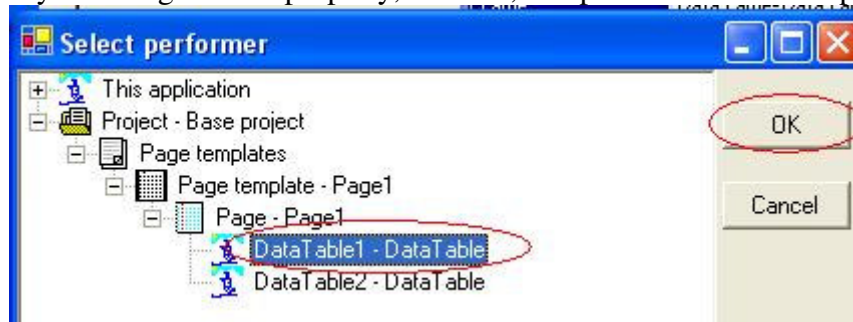
They appear on the page:



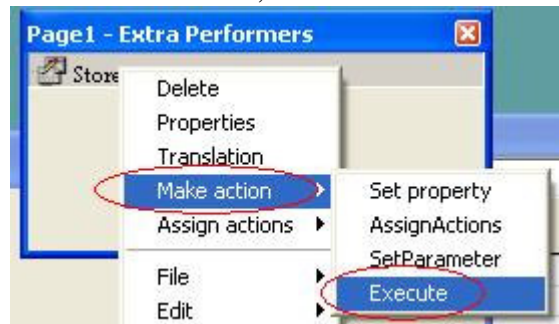
Set the two Table properties to point to these two Data Table performers respectively:



This is done by selecting a Table property, click , and pick the Data Table performer:



Now let's make an action to execute the stored-procedure. Right-click on the stored-procedure performer, select "Make action", select "Execute":

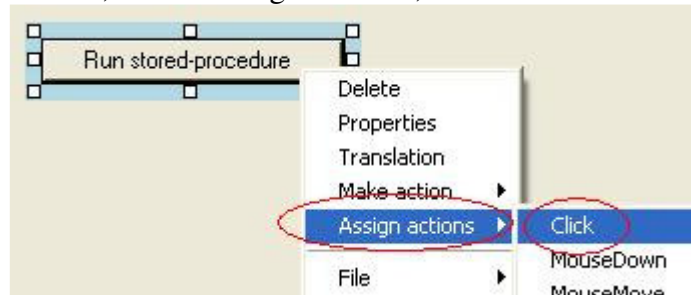


Give an action name, say, ExecSP:

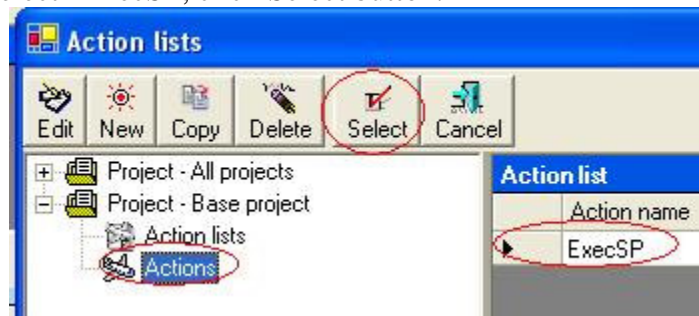


Click OK, and we are done making the action. When should we perform the action? For this example, let's just simply use a button to do it. Create a button on the page. We are not going into details of creating a button on the page.

Right-click on the button, select "Assign actions", choose "Click":



Select Actions, select "ExecSP, click Select button:



We are done.

Press F2 to run the application and test it. Click the button, we get data displayed on the Data Table performers:

