

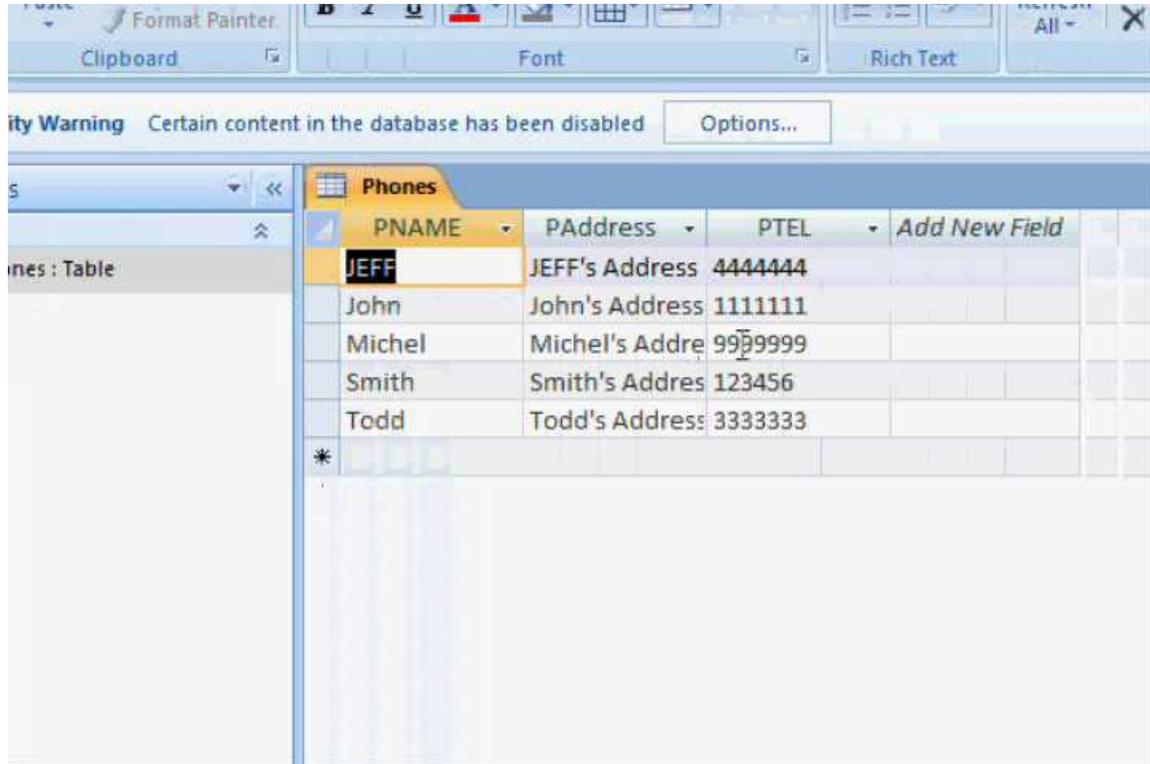
# Database Tutorials

Hello everyone... welcome to database tutorials. These are going to be very basic tutorials about using the database to create simple applications, hope you enjoy it. If you have any notes about it, please send them to **notes@mka-soft.com**. Finally if you find these tutorials are useful, it would be nice from you to send a small donation via PayPal to **donation@mka-soft.com**.

The work with this tutorial started on 2010-SEPTEMBER-08.

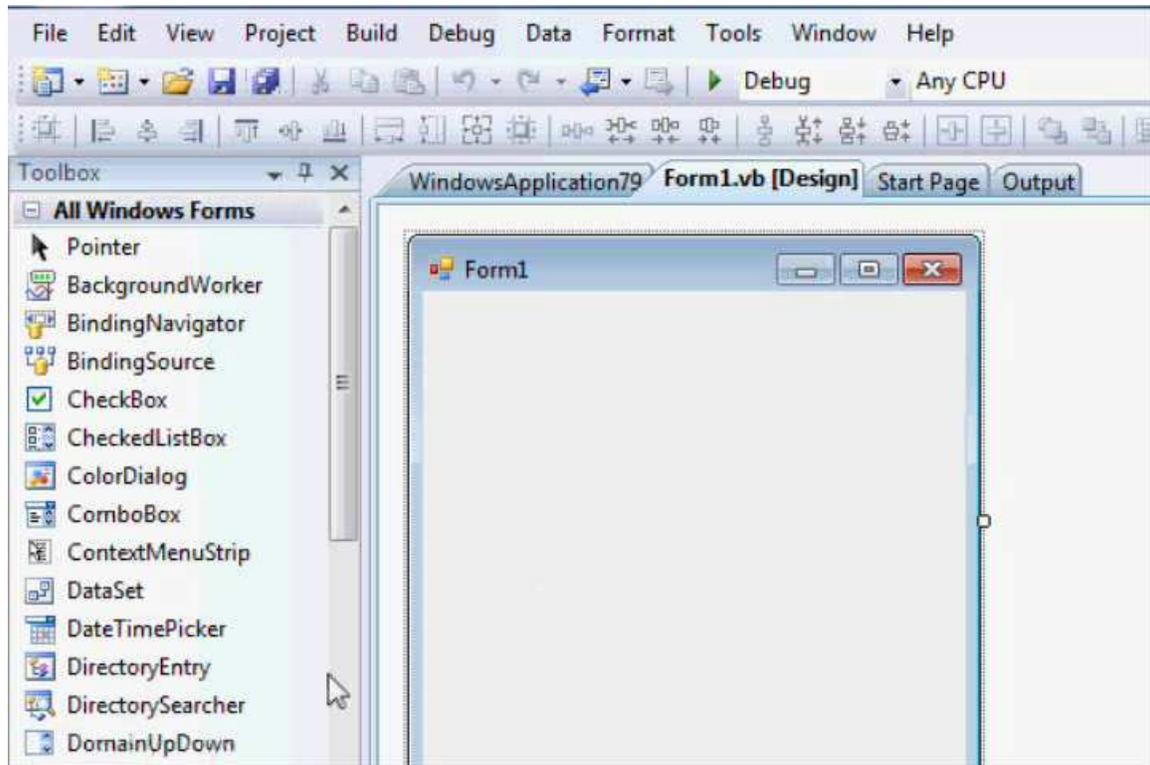
## Textboxes and BindingNavigator

Last tutorial explained working with DataGridView, today's tutorial is about working with Textboxes and BindingNavigator:

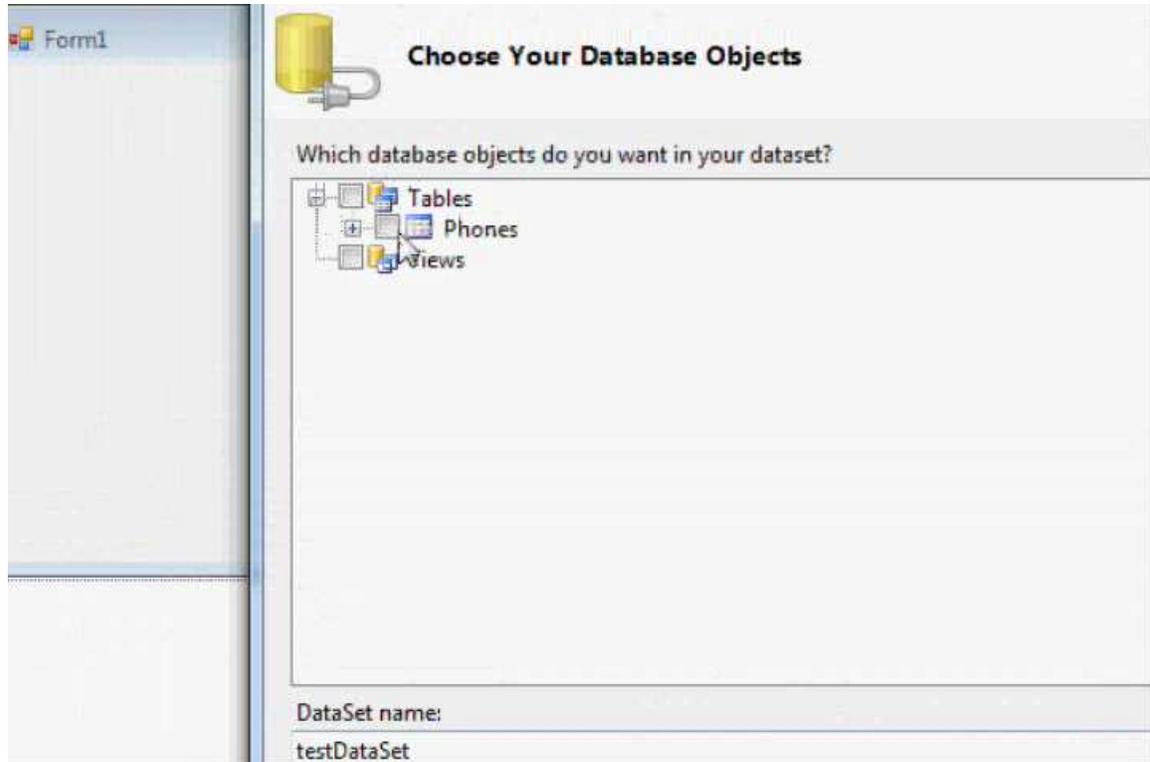


First create a simple database for testing, create a table called phones, and create a number of columns in it. You can create your own table.

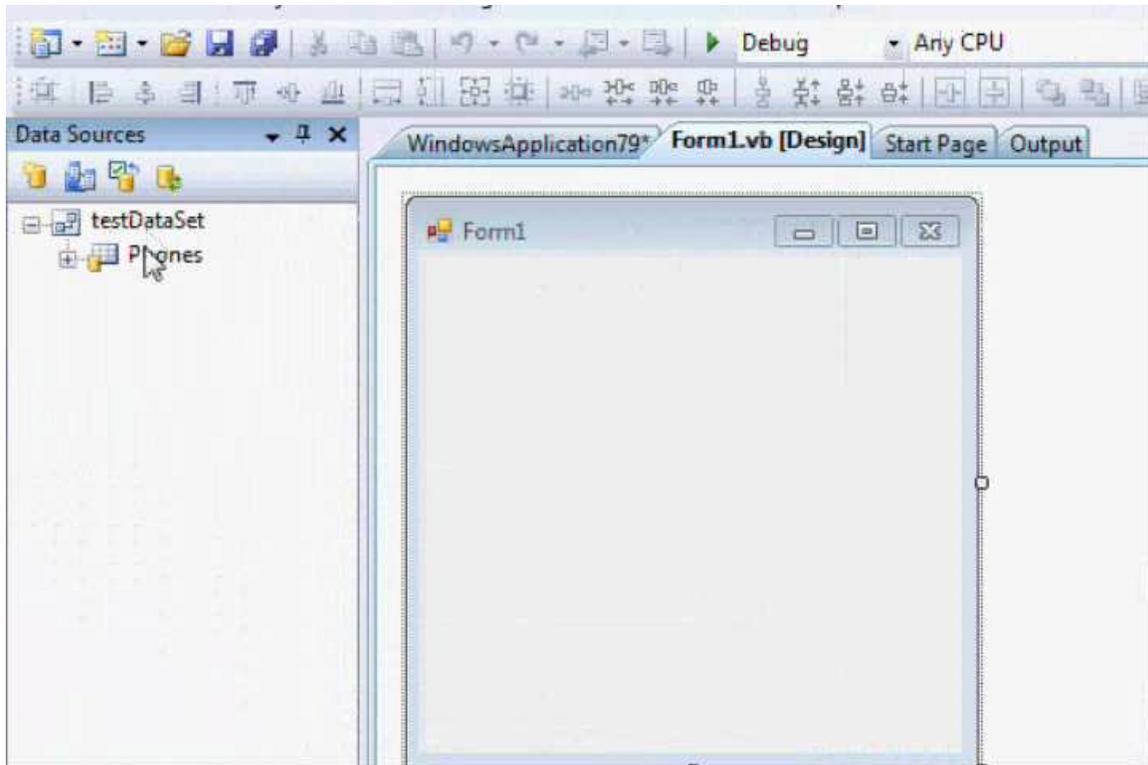
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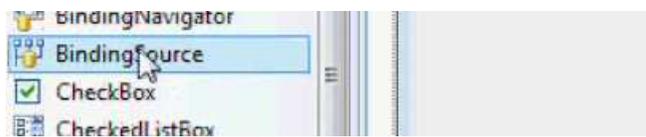
Start new project



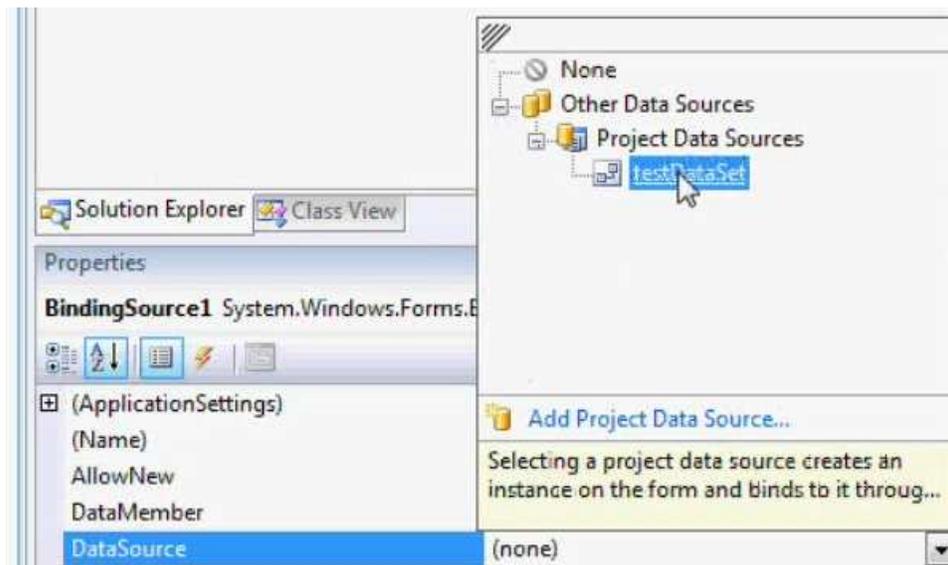
Add new data source to your project, and make sure to select the table you want to display.



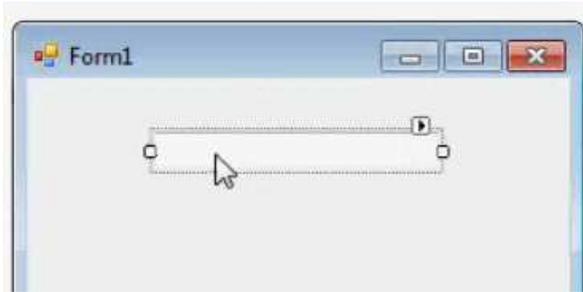
Add a binding source to your project:



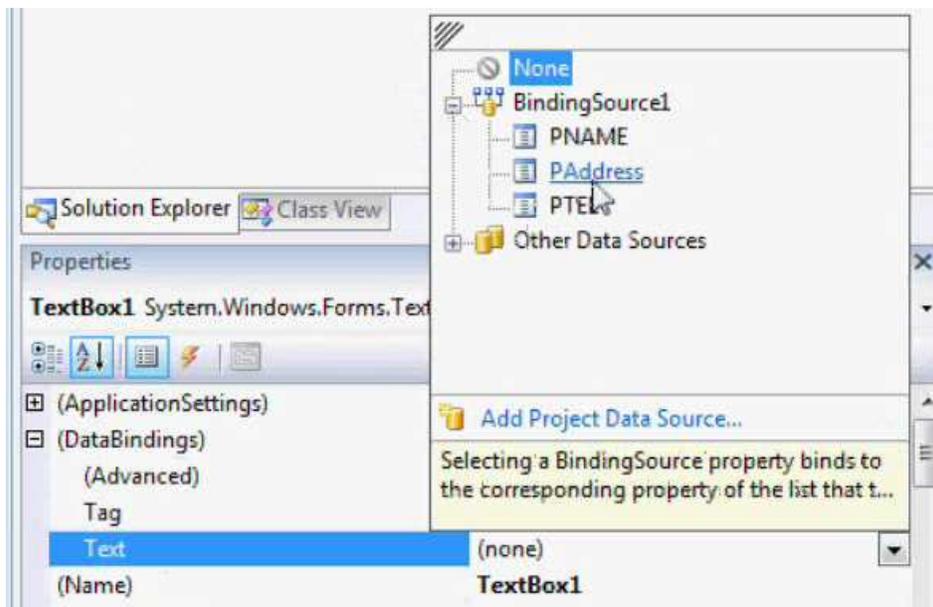
Set the data source of the BindingSource to the dataset, and make the data member to the table.



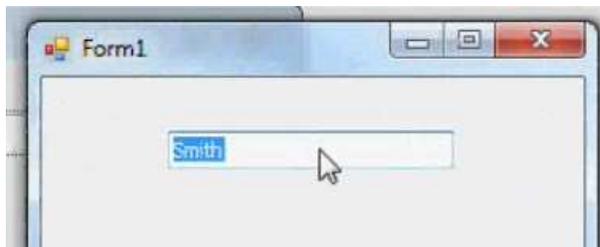
Put a textbox on the form



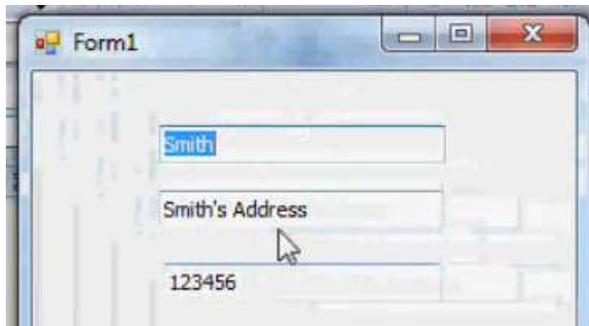
Go to the DataBindings properties of the text box, and then to the text property, and select which column to get the value from



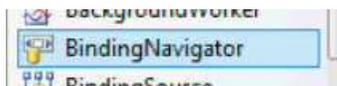
Run the application and see how the text box displays the column



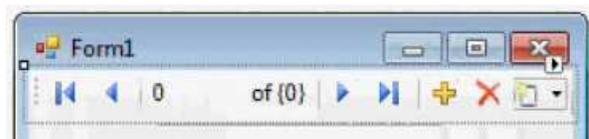
Now add two other textboxes and link them to the other columns in the same way.



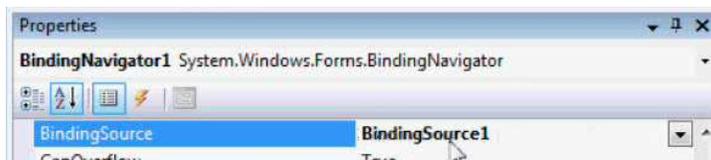
The problem here is that you can't go to the next record, because of that, you need to add a new control called BindingNavigator, so add one to the form



Once you add this to the form, you will see the navigation controls



You now just need to link this control to the BindingSource, so just update the BindingSource property of the BindingNavigator

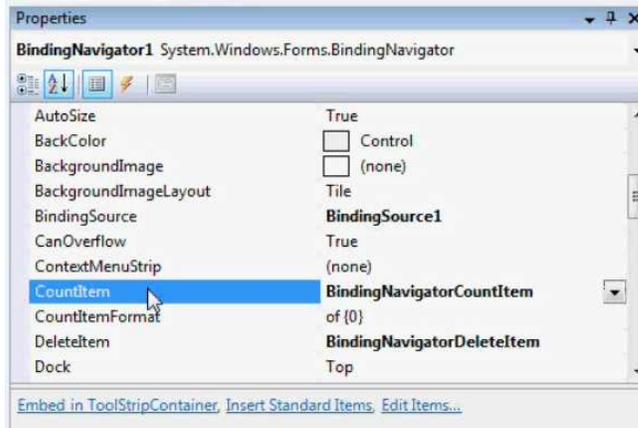


Now run the application and try to navigate the records



Now, let us check a number of properties related to the TextBox and BindingNavigator. For textboxes, you sometimes need to disable editing, in such a case modify the ReadOnly property and set it to true.

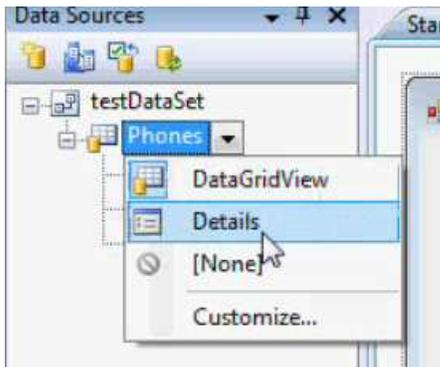
For BindingNavigator you will find that there is a number of properties that allows you to select which button will have the effect of moving first, moving last, moving forward, moving backward, adding a record, deleting a record, etc.



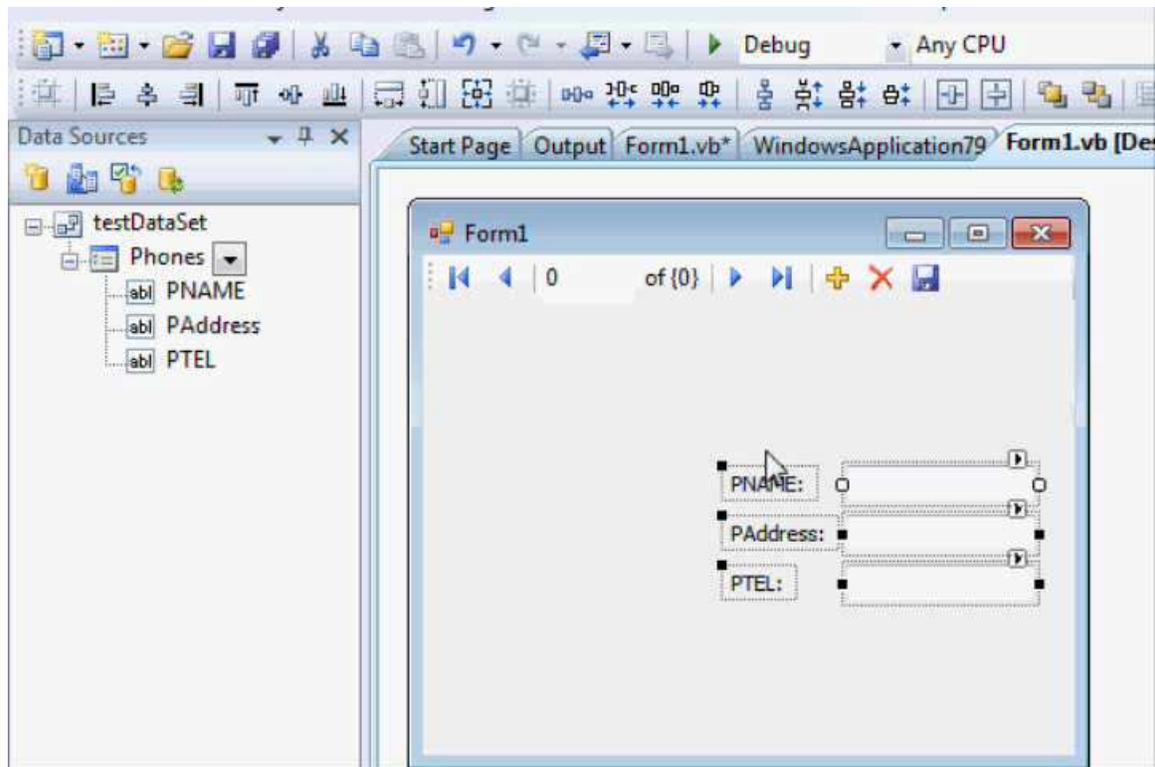
The values for these properties represent a the names of the buttons that are placed on the BindingNavigator as shown below:



this is the long version of creating a form with the details of a table. A faster method would be the following: assume first you have an empty form. Look at the DataSet, and press the arrow next to the table name



Select Details. This means you want to display the details of each column in the table (like a form) instead of a DataGridView. Next drag the table from the window of the datasources to the form.



So as you can see all the controls are created for you in a single step. You can also drag the column name on the form and this way you can display a number of fields instead of all the table fields.

So this will be all for today. If you have questions or notes, send them to [notes@mka-soft.com](mailto:notes@mka-soft.com).

Thank you.

**mkaatr**