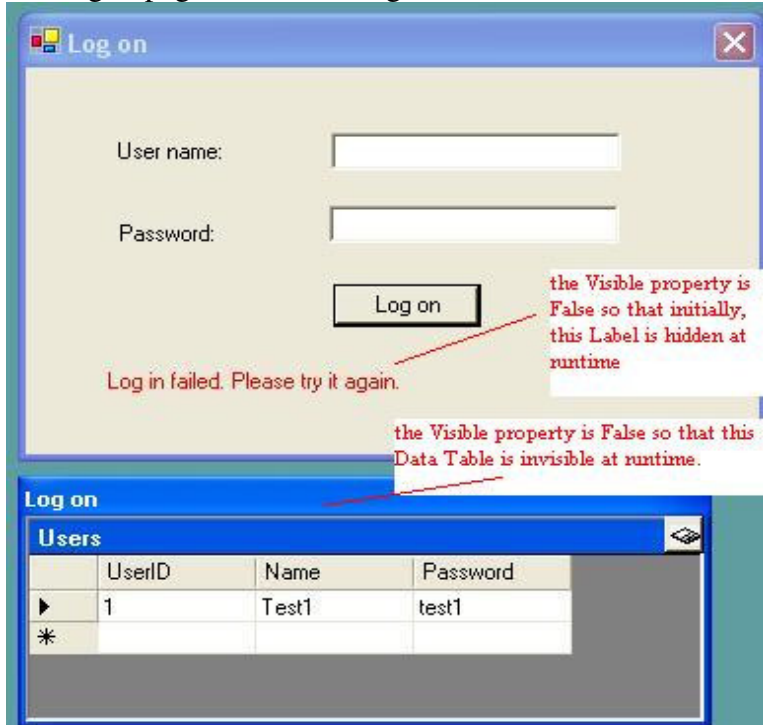


### Sample application show a database log on process

This sample application demonstrates a log in process. The user names and passwords are saved in a database. A log in page is designed to let the user type in name and password, and click “Log in” button to log in. If log in succeeds, a second page is displayed and the user name is displayed; if the log in failed, an error message is displayed.

The log in page is as following:



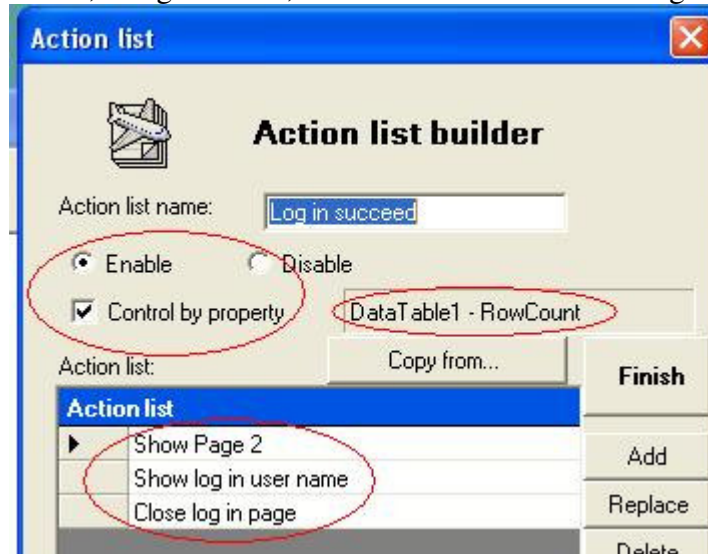
The database query for the Data Table includes @Name and @Password as filters. Two actions are created to set these two parameters to what the user typed in. Requery method of the Data Table is used to create an action to search the database. An action list is created to include these 3 actions:



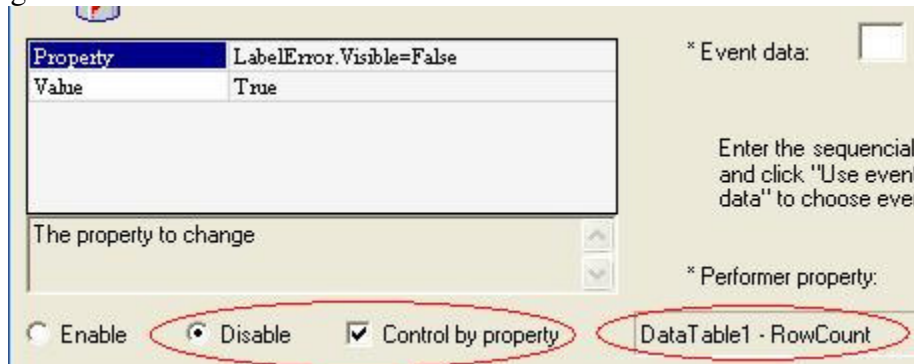
## Log On Sample

If a user is found, the RowCount property of the Data Table is not 0. If no user is found, RowCount = 0. This property will be used to determine the success or failure of the log in.

If log in succeeds, we use an action list to do the following 3 things: 1. show page 2; 2. show user name on page 2; 3. close log in page. See the following diagram. The important thing to notice is that this action list is enabled by RowCount property of the Data Table1. Therefore, if log in failed, this action list will do nothing.

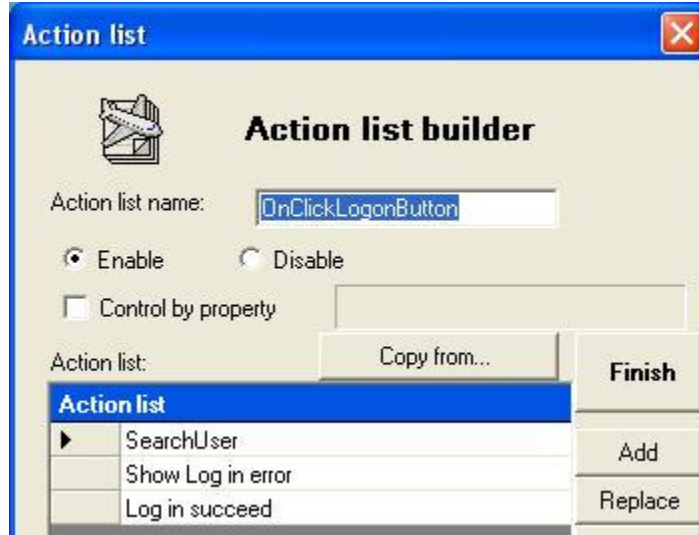


If log in fails, we want to show an error message. Notice that this action is disabled by RowCount property of the Data Table1. Therefore, if log in succeeds, this action list will do nothing.



An action list is created to be executed when the user clicks the “Log in” button. This action list will search the user, show log in error message if log in fails; if log in succeeds, show page 2, show user name, and close log in page:

## Log On Sample



After executing action list “SearchUser”, if the user is found, RowCount is not 0, the action “Show Log in error” is disabled and do nothing, and the action list “Log in succeed” is enabled and executed. If the user is not found, RowCount is 0, the action “Show Log in error” is enabled and show the error message, and the action list “Log in succeed” is disabled and do nothing.

=== EOF ===