



## Next Meeting

Date: Thursday, September 21<sup>st</sup>, 2006

Time: 6:00 PM to 6:30 PM - Networking  
6:30 PM to approx. 9:00 PM - Main Meeting

Location: Microsoft Rocky Mountain Office  
4643 South Ulster Street Suite 700  
Denver, CO 80237

Directions: [Microsoft Offices](#)  
DAAUG Website: [www.DAAUG.org](http://www.DAAUG.org)

## This Month's Presentation

### **“Ribbon Extensibility in Microsoft Office Access 2007”**

**Presenter: Michael McCormack**  
**Microsoft Access Program Manager**  
**Redmond, WA**

Say goodbye to CommandBars, and say hello to the Ribbon! The Ribbon is at the core of the new user experience in Microsoft Office 2007. The Ribbon provides an innovative way to display and organize commands that improve usability and user productivity. In this session you'll discover how the Ribbon exposes a rich and flexible XML-based extensibility model in Microsoft Office Access 2007. You'll explore the new programming model, learn best practices, and see how to incorporate the Ribbon design philosophy into your applications. You'll look at backward compatibility for custom CommandBars in Access 2007.

Our presenter, Michael McCormack, is a program manager at Microsoft Corporation working on the Microsoft Access development team. His team is currently working to enhance the overall usability in Access, with a personal focus on navigation, command structure (especially the ribbon) and the shell. Michael has worked at Microsoft since 2000, and prior to working as a program manager, Michael served as

a software test engineer, and as a lab manager overseeing a large network. Previous projects include Microsoft Office Excel 2003.

Michael holds a Master's of Science in Information Management from the University of Washington. Prior to working at Microsoft, Michael was a Microsoft Partner designing and developing Access Databases, and Visual Basic - SQL Server client server applications as a consultant and developer.

## **Product Demonstration**

### **“FMS Total Visual Agent”**

**Presenter: Kevin Bell**

Total Visual Agent from FMS allows you to schedule and automatically perform maintenance task such as database repair and compact, automated backups and running unmanned process databases at a scheduled interval.

## **Next Month's Topic** (*October 19, 2006*)

### **“Normal Forms”**

**Presenter: Jim Pilcher**

If you are interested in presenting to the group, please contact Kevin Bell at [vicepresident@daaug.org](mailto:vicepresident@daaug.org).

## **A Message from the Prez**

### **“XML is Here!”**

If you haven't started working with Access 2007 yet, you won't want to miss this month's meeting. Michael McCormack, one of the Microsoft Access Program Managers in Redmond, WA, will be making another Live Meeting presentation to us this month. One of the important pieces of a polished Access application is dealing with menus and toolbars. With the new ribbon interface in Office 2007, all of the rules have changed. Michael is going to show us what we need to do to customize the new ribbon. For those of you that have wondered why you were supposed to care and learn about XML, you're finally going to get an answer! See you next Thursday.

**Your President,**

M.L. "Sco" Scofield

## Welcome New, Renewing, and Returning Members

Carolyn Johnson  
David Nealey  
Phil Ferrero  
Tony Lazzaro  
Phil Henke

## Last Month's Giveaway Winners

Access 2002 Desktop Developer's Handbook - Bill Morrill  
Mastering SQL Server 2005 - Julie Graham  
Access 2003 VBA Programming Reference - Ed Bade  
Microsoft Datawarehouse Toolkit - George Mosteller  
\$20 Softpro Certificate - Mark Evans  
256 Jump Drive - Patrick Headley  
Flashlight - David Nealey  
Night Lite - Mark Trevithick

## DAAUG Library

### “Five Simple Steps for Using the DAAUG Library”

The Denver Area Access Users Group has a library of learning materials and you are welcome to use it for free, as part of your DAAUG membership. If you know of a specific learning resource that would benefit you but it's not in the Library, you may also make a request to get that item and we will see what we can do to get it for you.

To request an item for check-out from our Library, perform the following steps:

- 1) Go to [www.DAAUG.org](http://www.DAAUG.org).
- 2) Click on the Library link.
- 3) Browse through the list of items in our library. If you want to know more about a particular item, click on the Info link next to the item. The item description will open in a separate browser window.
- 4) When you find the item you want, make note of the title, author and deposit amount. Then, click the Librarian's hyperlink that's just above the item list. This

will open a new email where you may complete your request to our Librarian, [Mark Evans](mailto:MarkEvans@daaug.org) at [Librarian@daaug.org](mailto:Librarian@daaug.org).

- 5) Mark will bring your requested item to the next main meeting for you to check-out. Please bring a check for the deposit amount made payable to DAAUG. Your check will be held per the rules outlined at the top of the Library Web page.

## Access Tip of the Month

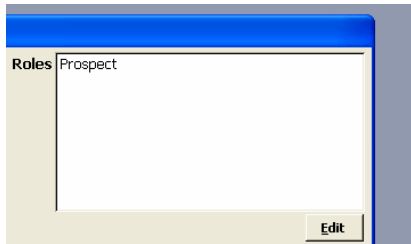
### “Store Multiple Selections Obtained from a List Box Control”

List Box controls are one of the most powerful controls in Microsoft Access forms. They allow users to select one or more values from a list while limiting selections to valid values. You can populate them with data from one or more columns of a table in your database or you can use your own list of values that are added in the controls properties at design time or through VB code. You can limit the control to accept a single selection and there are two ways of making multiple selections. You can tie the selected value to a database field but this only works well if the user is limited to a single selection. So, with all that power and versatility, wouldn't it be great if you could allow your users to select two or more values from a list of values on a form and then store the selections in the database so they could be retrieved the next time the record was viewed? Well, if you've wondered about that yourself, here is one way you can accomplish that feat.

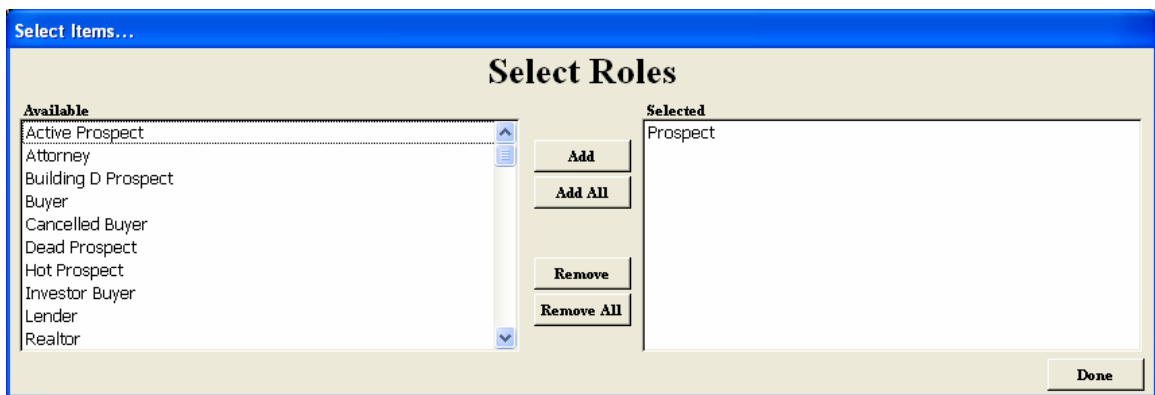
The first thing to do is to put the data for the selected items in a table separate from the rest of the form's data. The new table needs at least two columns; one column for the record ID from the main record and a column to store the selected item's value or code.

Next, you will need a lookup table of valid values or you can use a `SELECT DISTINCT` query to get values from another data table. Typically you'll use a lookup table.

With the tables in place, create a list box control on the main form to display the selected values for the main record from the table of selected values. Use a query to populate the list control with values that are related to the main record. You will need to add some VB code to one of the form's event procedures to requery the list anytime a different record is displayed in the main form. The Load event is preferred over other events. You may find it necessary to requery the list control at other times, as well. It is best not to use the Current event, as that event may run several times per record and can slow down the display of the main form.



To add or remove selected values include an Edit button on the main form, as shown above, and use it to open a selection form like the one shown below. In the code behind the Edit button, use the DoCmd.OpenForm command and include the record ID for the main record in the OpenArgs property. You should also open the form as a dialog to prevent errors.



In the Open event for the selection form, use the OpenArgs value, which is the ID of the main record, to build a query for each of the two list controls. For the Available list the query should select values from the lookup table that aren't already used in the table of selected values, for the ID passed to the form. The Selected list should return the values for the selections that are stored in the table of selected values, for the ID passed to the form.

The Add buttons call procedures that build action queries to add items from the lookup table to the table of selected items. The Add button first calls a procedure that converts the user's selections into a list-string that is then used in the IN clause of the INSERT query to insert only the selected values. The Add All button simply adds every value from the lookup table into the table of selected items, making sure not to add an item that already exists in the table of selected items. The delete buttons use the same type of logic to remove the records that the user selected or all of the records that are associated with the main record. Upon completion of any of the four add/remove procedures, the lists are requeryed so they display the correct values as being available or selected. When the Done button is clicked, the selection form closes and the list in the main form is requeryed so it stays in sync with any changes made in the selection form.

By building list controls as described above, you will be able to let you users select multiple values from a multi-select list box control. The method described above also

carries the benefit of storing your data in a normalized fashion and it prevents users from losing their selections because they didn't have the Shift or Control key depressed while making new selections. If you are interested in a complete walk-through including VB code examples of the multi-select forms and procedures described above, please contact Kevin Bell at [vicepresident@daaug.org](mailto:vicepresident@daaug.org) and let him know that you would like to see a presentation of this Tip of the Month.

**Your Communications Director,**

**Patrick Headley**

Do you have a favorite Access tip you'd like to share with others? Send it to the newsletter editor at [Communications@DAAUG.org](mailto:Communications@DAAUG.org).

## Denver Visual Studio User Group

*As a service to our sister group...*

Date: Monday, September 25<sup>th</sup>, 2006  
Time: 5:30 PM to 9:00 PM  
Location: Microsoft Rocky Mountain Office

### **“BPA - Business Process Automation”**

Presenter: **Jeff Geller**

If you code (yes, that's you), come and find out how you can get ahead of the curve and place yourself and your company into today's sweet spot for tomorrow!

Jeff will present business process automation using Microsoft technologies. He will cover topics including the new Windows Workflow Foundation, BizTalk 2006, and SharePoint 2007, showing us how to optimize our knowledge by using these tools to manage business process automation. Take business processes and rules described to a runtime engine instead of programmed in code, combine with a complete workflow process, add business integration, and build on collaboration -- and a lot of problems get solved!

For our complete agenda and e-mail, join the Denver Visual Studio Users Group™ at [www.DenverVisualStudio.net](http://www.DenverVisualStudio.net).

## Member to Member

Do you have something that might be of interest to other DAAUG members? Have a service? Something to sell? Looking for something? Then this new section is for you. And no, it doesn't need to be computer or Access related.

This section will be on a space available basis. (This is email! :-)) Postings will be limited to members only. Please send your message as plain or RTF text in the body

of an email. Messages with attachments will be deleted without being read. Also, include a contact phone number in case of problems. The editor reserves the right to edit or refuse any message.

Send your listings to [Communications@daaug.org](mailto:Communications@daaug.org) with "Member to Member" in the subject line.

### *Access classes by M.L. "Sco" Scofield*

Check out our online schedule at <http://www.scobiz.com/ClassSchedule.asp>. We offer classes at all levels from beginning to advanced. To find the right class for you, check out our web site, call Sco at 303-757-7768, or send an email to [Training@ScoBiz.com](mailto:Training@ScoBiz.com).

Be sure to ask for the special DAAUG member discount.

### *Database Consulting from Linx Consulting, Inc.*

[Linx Consulting, Inc.](http://www.linxco-inc.com) offers database application development for small to medium sized organizations. For more information on how we may serve you, please visit our Website at [www.linxco-inc.com](http://www.linxco-inc.com). The Website has been redesigned with a new, consistent look and new "Of Interest" items have been added. The entire site contains examples of what we can do for your database application or Website. Please take a look.

## **Colorado Event Calendar Website**

To find user group meetings and other programmer related events in the Denver metro area and throughout Colorado, be sure to check out [www.MSColoradoEvents.com](http://www.MSColoradoEvents.com).

If you know of a user group that is not posting their meetings, please let them know about [www.MSColoradoEvents.com](http://www.MSColoradoEvents.com) and have them contact the administrator at [administrator@mscoloradoevents.com](mailto:administrator@mscoloradoevents.com).

## **A Message from the Editor**

### **"Wanted – New DAAUG Logo"**

Your DAAUG Board of Directors is considering a new or additional logo for the Denver Area Access Users Group. The current logo is the one you saw at the top of this newsletter. We like this logo but it looks best as a header. We would like a logo that anyone would recognize at any size or any location in a document. A suggestion that I came up with was a dog (get it, DAAUG), similar to the one that walks across the screen on my Website at [www.linxco-inc.com](http://www.linxco-inc.com). However, the logo doesn't have

to be a dog or any animal. It should be easy to fit into a small rectangle and it should be easily resized. If you have a good idea for a new DAAUG logo and/or if you are an artistic person who would like to help your group, please reply with an email to [communications@daaug.org](mailto:communications@daaug.org) or talk to Patrick Headley or another board member at the next meeting.

## **“Presentations and Presenters”**

We are always looking for speakers and topic ideas for our monthly meetings. To volunteer to be a speaker or to suggest a topic, see our Vice President, Kevin Bell ([vicepresident@daaug.org](mailto:vicepresident@daaug.org)) or our President, Sco Scofield ([president@daaug.org](mailto:president@daaug.org)). You may also email one of them with "DAAUG Speaker" or "DAAUG Topic" in the subject line.

We are always looking for articles for our monthly newsletter. Send your articles to [Communications@daaug.org](mailto:Communications@daaug.org) with "DAAUG Article" in the subject line.

Please visit [www.DAAUG.org](http://www.DAAUG.org) for the latest news, consultant lists, officer email addresses and more.

This newsletter is being sent to everyone on the DAAUG mailing list, including members, past members, and people that have been associated with the group. If you are a non-member and wish to be removed from our list, please send an email to [Communications@daaug.org](mailto:Communications@daaug.org) with "REMOVE" in the subject line.