



## Next Meeting

Date: Thursday, March 15<sup>th</sup>, 2007

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

Location: **Microsoft USA - Rocky Mountain District**  
7595 Technology Way  
Suite 400 (4th Floor)  
Denver, CO 80237  
([driving directions](#))

DAAUG Website: [www.DAAUG.org](http://www.DAAUG.org)

## This Month's Presentation

### "Exploring the ListView and TreeView Controls"

**Presenter: Chris Nebinger**

Learn how to utilize TreeView and ListView controls, and how to implement them as an alternative to standard menu driven applications.

Chris has been developing with Access since version 95. He has developed applications for companies such as: Ball Aerospace, Coors, Conoco, BP, USAF, & Georgia Pacific. Currently he has been devoting more time towards .NET Development, but still does quite a bit in Access and continually defends Access as a development tool in newsgroups.

## Short Demonstration

"Access 2007 Navigation Pane or Pain"

**Presenter: Kevin Bell**

Access 2007 radically changes the way database objects are organized. In its month's short presentation will look at the basics of how the new Navigation Pane works.

## **Next Month's Topic** (*April 19th, 2007*)

**“SQL Server Express and Access”**

**Presenter: Kevin Bell**

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

## **New and Returning Members**

The Denver Area Access Users Group gives thanks to our new and returning members for supporting our user group.

Sco Scofield  
Barb Hagerman  
George Mosteller  
Bruce Handley  
Ryan Stolcpart

## **Access Tip of the Month**

**“Retrieving the Most Recently Used AutoNumber, Part 3”**

During the last two months I discussed ways for a programmer to retrieve the last-generated AutoNumber in an Access/Jet application. The VBA function DMax and a splash of DAO code were the methods I investigated for you. This month I will finish my discussion of this topic with a bit more DAO code and the *preferred* way to retrieve that new AutoNumber...

```
Dim db as DAO.Database
Dim rs as DAO.Recordset
Dim lngAutoNum as Long

Set db = CurrentDb()
Set rs = db.OpenRecordset("MyTableName", dbOpenDynaset)
```

```

rs.AddNew
.
.   (populate recordset fields here)
.
rs.Update

rs.Move 0, rs.LastModified
lngAutoNum = rs!ID.Value

rs.close
db.close

```

Like last month, I've opened a recordset in DAO. I immediately add a new record to the underlying table. **Unlike** last month's example, I wait until the *Update* method is finished against this recordset. Once finished, I force Jet to move the recordset pointer to the record just added. Then I retrieve the new value of ID. The *Move* method is invoked with two parameters: "0" means move zero rows from the current record or, in this case, relative to a supplied bookmark. *LastModified* is an automatic recordset bookmark that is reset every time a record is modified or added. So, the *Move* method in my code reads in English "move to the last modified record, offset by zero rows" or, because of the *AddNew* in my code, simply "move to the last added record."

The ultimate advantage this method has over the other two is that it retrieves **your** AutoNumber, even in a multi-user environment. Additionally, and most importantly, it retrieves it only after the record has been committed to the database. That means that the AutoNumber is good. It has not been discarded by Jet due to some sort of error. You can use the captured number with full confidence that it is indeed in your table. After my code above runs, I can merrily start adding records to child tables that need the number as a link to their parent.

## Append Queries

The question arises "Is there any way to retrieve and use the new AutoNumber when an Access append query successfully adds a record to a table?" This is the weakness in Jet that I hinted at last month in the conclusion of my article. If you are a big user of append queries in Access and you append to tables with AutoNumber fields, **there is no 100% reliable way to retrieve that new AutoNumber.** At first you might think that this is a huge oversight by the Jet developers. But think for a moment: If you run an append query that adds 20 records to a table, exactly *which* AutoNumber do you want it to return? Even if you decide which one you want (first or last are most logical), that number will tell you nothing about the other 19 numbers that were generated during that insert into the table.

## Conclusion

So, the only 100% reliable way to retrieve and work with new AutoNumbers is to use DAO with a recordset object, along with the *Move* method and the *LastModified* bookmark of the recordset. Other methods can have their uses as we've seen over the past couple of months, but if you invoke Access append queries in code, life can be difficult.

Your Lab Director, 2006-2007,

**Jim Pilcher**  
**DataOne, Inc.**  
**(720) 301-0479**

## **Last Month's Giveaway Winners**

\$20 Soft Pro Cert - Eric Lommatsch  
CD Sleeve Case - Mychele Aberle  
Night Light - Bill Morrill  
Flashlight - Bryan Reed  
256 Jump Drive - Mark Trevithick  
Table Top Tripod - Alan Shrater  
MS Visual Studio - Martin Bolt  
Minitool Kit - Linda Huff  
Administering Windows Vista Security - Jim Hutto  
Mastering SQL Server 2005 - David Nealey  
Security Dev Lifecycle - George Mosteller  
Hunting Sec Bugs - Kevin Bell  
FMS Coffee Mug - Danny Lesandrini  
Mastering VBA - Paul Schnitzler  
Sybex T Shirt - Patrick Headley

## **DAAUG Library**

Our DAAUG Librarian, Mark Evans, would like to help you learn Microsoft Access whether you are an Access user or Developer. Please help Mark help you by utilizing our Library of Access related resources.

### **“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:Mark.Evans@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.

## The New Denver Microsoft Visio User Group

There is a new Microsoft Visio user group forming in Denver. It will meet on the second Wednesday of the month at the Microsoft office. There will be a networking/gathering time from 6:00 PM to 6:30 PM with the meeting starting at 6:30 PM. Please see the Colorado Event Calendar Website for meeting dates.

## 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).

## Denver Visual Studio User Group

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

Monday, March 26<sup>th</sup>, 2007 (4<sup>th</sup> Monday each month)  
Networking & Refreshments 5:30 p.m., Meeting 6:00 - 9:00 p.m.

Location: [Microsoft, Desert Mountain](#) (Denver)

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 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.

### *Linx Consulting, Inc. would like to help your organization*

[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 call Patrick Headley at (303) 916-5522 or visit our Website at [www.linxco-inc.com](http://www.linxco-inc.com). The entire site contains examples of what we can do for your database application or Website. Please take a look.

## A Message from the Editor

### **“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 of your message.

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.