



Next Meeting

Date: Thursday, February 15th, 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

This Month's Presentation

"Access 2007 - The Good, the Bad and the Ugly"

Presenter: Group Panel

In keeping with the spirit of the local Office 2007 launch (which is being held the same day as our February meeting), we will be holding a round table discussion on what good, bad and just plain ugly in the newest version of Access. Bring your questions and opinions about the new version of Access. We will also be discussing what topics members want to hear about and how much focus we should give Access 2007.

Short Demonstration

Due to the change in format for the January meeting, there will be no short presentation this month.

Next Month's Topic (March 15th, 2007)

“Exploring the Listview and Treeview Controls”

Presenter: Chris Nebinger

If you are interested in presenting to the group, please contact Kevin Bell at vicepresident@daaug.org.

A Message from the Prez

"The Launch is Upon Us!"

Have you had enough snow yet? I moved to Denver in January of 1978. I can't remember a winter like this. The piles of black snow and ice remind me of my years in Detroit. Arrrg...

I trust you all enjoyed our rescheduled holiday party; lots of good food, camaraderie, and prizes. Kevin gave us an excellent demo of one of his applications. Because most of you like seeing other people's work, we plan of doing more of these. If you have an application you would like to show to the group, please contact Kevin at VicePresident@daaug.org.

The election went as expected. With the exception of our webmaster, all of the incumbents were reelected. Ed didn't actually lose. He requested not to be on the ballot because he will be moving away from Denver this year. Congratulations to the incumbents and our new webmaster, Bob Loomis.

Thursday will be a full day. For those of you that got registered before it sold out, we'll be spending the day together downtown at the convention center for the Office 2007 and Windows Vista launch. After that, it will be a quick trip to the Microsoft office for our meeting. Microsoft overload! You have to love it. ☺

This month's meeting is going to be informal. Bring your questions, comments, and etceteras about Access 2007. It should be a very interesting evening.

See you next week.

**Your President,
M.L. "Sco" Scofield**

New and Returning Members

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

Brian Reed

Alan Shrater
Robert Scheich
Wendell Bell
Patrick Headley
Duane Hanstein

Access Tip of the Month

“Retrieving the Most Recently Used AutoNumber, Part 2”

Last month I outlined the very simplest way for a programmer to retrieve the last-generated AutoNumber in an Access/Jet application. Of course, that was the use of the DMAX domain aggregate function available in VBA. While the simplest, it is also the least desirable method of getting at that shiny new AutoNumber.

This month we delve into DAO. Without a big lead-in, let me show you some code that does the trick and then I will talk about it.

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

Set db = CurrentDb()
Set rs = db.openrecordset ("MyQueryName", dbOpenDynaset)

rs.AddNew
lngAutoNum = rs!ID.value
.
.   (populate recordset fields here)
.
rs.Update

rs.close
db.close
```

What I've done here is open a recordset in DAO. A recordset object can be created from a table, a query, or an SQL statement. I've chosen to demonstrate using the name of an existing query in the database. Once opened, I immediately attempt to add a record to the recordset with the use of the AddNew method. Assuming the AutoNumber field in the underlying table is named simply ID, I immediately grab the value of that field when I invoke the AddNew method. After that I fill in values for the rest of the fields and then invoke Update in order to physically add the record to the underlying table. Any code that continues after my example need merely reference the value in the VBA variable lngAutoNum. That's the new number.

The advantage this method has over the DMAX function is that the number you retrieve is 100% guaranteed to be your number in a multi-user environment. Using DMAX, you can collide with another user doing a similar task at the same time. Another advantage to this method is that it works when you are using a random

AutoNumber. You get the exact number Access/Jet generates, rather than assuming that the largest one in the table is the value you want.

Is there a disadvantage to this method? Yes. Have you ever seen Access skip an AutoNumber in your tables? That happens when you start to fill in a new record which contains an AutoNumber field, and then you decide not to complete the record. The common thing that happens is you press Esc/Esc to undo the entire new record when working in datasheet view in a table or query. Access/Jet assigns the AutoNumber at the moment you start filling in the record. If you decide to stop, the AutoNumber is gone, banished, kaput. You've created a gap in the numbering sequence. As long as you are assigning no meaning to the AutoNumber (and you **never** should), this is no big deal. But this behavior points out a weakness in the procedure I offered above. If, after the AddNew method is invoked, you never execute the Update, the number you grabbed inside that AddNew/Update block is worthless. Failure to invoke the Update method will most commonly happen if an error occurs while processing the additional fields being added to the record. Proper error handling on your part will avoid trying to use the banished AutoNumber, but it is still a possibility so I warn you here.

Next month I will conclude this series with the preferred method for retrieving new AutoNumbers, once again using DAO. I will also point out a weakness within Jet that prevents the reliable retrieval of new AutoNumbers when doing common operations with result sets.

Your Lab Director, 2006-2007,

**Your Lab Director,
Jim Pilcher
(720) 301-0479**

Last Month's Giveaway Winners

\$20 Soft Pro Certificate - Alan Shrater
Scofield Business Services 50% off certificate - Margaret Sobey, J.K. August
Total Access EMailer - Martin Bolt
Total Access Analyzer - Bill Morrill
DBI Studio Controls - Jim Pilcher
DBI Studio Controls - Mike Nindorf
Speed Ferret - Dean Haze
Access Advisor Back Pack - Brian Reed
Mastering Visual Basic 2005 - Ed Bade
Mastering SQL Server 2005 Xpress Edition - Patrick Headley
Access 2002 Handbook - Phil Henke
Mastering VBA - Duane Hanstein
Beginning Access 2003 VBA - George Mosteller
Excel 2007 for Project Managers - Mark Trevithick

Stereo Headset -- Robert Loomis
Dura Pro Light:
 Alan Shrater
 Robert Scheich
 David Joseph
 Eric Lommatsch
 David Nealey
Dura Pro Light Radio Combination:
 Galen Moore
 Linda Huff
MS Wireless Mouse
 Mike Nindorf
 Mychele Aberle
 Kevin Bell
USB 4 port hub - Alan Ruff
Pivot Point Laser Level - Mark Evans
DVD Tiger Woods 2006 - Art Bailey
DVD DaVinci Code - Ramon Martin
Micro Center Jump Drive - Bruce Handley
25 Blank DVDs - Bill Morrill
LCD Light - Jim Pilcher
17 Piece Ratchet Set - Margaret Sobey
25 piece tool set - Dean Haze

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.
- 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.
- 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.

If you know of a user group that is not posting their meetings, please let them know about www.MSColoradoEvents.com and have them contact the administrator at administrator@mscoloradoevents.com.

Denver Visual Studio User Group

As a service to our sister group...

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

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

“Windows Communication Foundation (WCF) Top to Bottom”

Presenter: Michèle Leroux Bustamante

Windows Communication Foundation (WCF) is the messaging platform for the .NET Framework 3.0. It unifies the programming model for how components and services communicate: be they distributed or not, accessible beyond firewalls, or available through interoperable interfaces.

Join us for this in depth introduction to the core features of the WCF technology stack including service and contract design, hosting options, binding configurations and protocol choices, and system features available such as security, transactions, asynchronous and reliable messaging.

For our complete agenda and e-mail, join the Denver Visual Studio Users Group™ at 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 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.

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. 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) or our President, Sco Scofield (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 with "DAAUG Article" in the subject line.

Please visit 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 with "REMOVE" in the subject line.