



Next Meeting

Date: Thursday, July 20th, 2006

Time: 6:00 PM to 6:30 PM - Networking
6:30 PM to approx. 8:30 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

This Month's Presentation

"Overview of Microsoft Office Access 2007 from a Developer Perspective"

Presenter: Michael McCormack
Program Manager for Microsoft Office Access
Redmond, WA

This month we have something different and unexpected for the presentation. We were able to get one of the Access Product Managers from Microsoft Redmond to talk to us this month, via Live Meeting about Access 2007. Jim Pilcher's presentation, "Normal Forms," will be rescheduled to August or September depending on Jim's schedule.

Access 2007 provides developers with the ability to build much richer databases much more quickly. This session discusses new functionality for building client databases, and covers Access's new designers, new coding tools, the ability to create custom task panes, collecting data through email, and customizing the ribbon UI. In addition, we show the out-of-the-box "tracking applications" that will ship with Access 2007, and show some of the tools used to build those apps and that will ship in the Access Developer Extensions.

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.

Next Month's Topic (8/17/2006)

“Normal Forms”

Presenter: Jim Pilcher

Due to the change in the presentation for this month, Jim's presentation “Normal Forms” is tentatively scheduled for next month. This depends on Jim's availability. If you are interested in presenting to the group, please contact Kevin Bell at vicepresident@daaug.org.

A Message from the Prez

“Past the Point of No Return”

The phrase "Point of No Return" means many different things depending on the context. Originally, it was a technical term in aviation for the point in a flight where a plane did not have enough fuel to return to the airport that it departed from. Today, it is frequently used to describe a point that can not be turned back from for whatever reason. Physically impossible, too expensive, not taking time to think about the consequences of an action, charging ahead without looking back, etc.

The summer solstice was a couple of weeks ago. Summer, and the year, is over half over; Past the point of no return. And even if we wanted to, without the help of Rod, most of us find it pretty hard to turn back the calendar. Of course Hollywood has tried again. Poor Adam. Will he ever find a movie worthy of his talents?

What does all of this have to do with Access? Not a darn thing that I can think of. I never hear from anyone about anything I say in this column, so I was just rambling to see if anyone is out there.

Then again, have you acquired and begun using the Office 2007 beta 2 release? Are you hooked yet? Are you past the point of no return to Office 2003?

Anyone seen my remote control? Click...

Your President,

M.L. "Sco" Scofield

Welcome New, Renewing, and Returning Members

Jim Pilcher
Bob Abresch

Last Month's Giveaway Winners

Dale Tweden - \$20 Softpro certificate
Carolyn Johnson - Scofield Business Services 25% discount coupon
Eric Lommatsch - 256 mb Jump Drive
Barb Hagerman - LED Night Lite
MS Visual C# 2005 Step By Step -- Ted Shinn
Robert Loomis - MS Access 2002 Desktop Developer's Handbook
Robert Loomis - MS Access Enterprise Developer's Handbook
Linda Huff - C# for Java Developers
Bruce Benninghoff - MS Access Application Development
Tom Brey - MS Access 2003 VBA
Kevin Bell - MS Access 2002 VBA Handbook
Partick Headley - Mastering Visual Basic 2005

DAAUG Library

“Want to Use the DAAUG Library but You Don’t Know How?”

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:Mark.Evans@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

“The Elusive AutoNumber”

Three times in the past two months I’ve had DAAUG members ask me how to retrieve the AutoNumber just generated by an insert into a Jet table. Of course there are the standard ways that many beginning programmers use. One such way is represented here:

```

Dim lngAutoNum as Long
(run some sort of append or insert here)
lngAutoNum = DMax("[MyAutoField]", "[MyTable]")

```

where [MyField] is the field defined as data type AutoNumber. This approach has one serious flaw though. If more than one user is in the database, the DMax function is not guaranteed to return *your* AutoNumber value to you. If multiple users insert at the same time, you might be served another user's value. That is not good, obviously. Another flaw in this approach is that you have to run a second query (DMax) against the database in order to retrieve the number. That's not efficient.

There are three sure ways to retrieve that pesky AutoNumber. All involve the use of DAO coding. In this first example, we invoke the AddNew method on a DAO recordset. As soon as the AddNew method is invoked, Jet assigns the AutoNumber field a value. I merely grab that number on the very next line of code before I complete the insert to the table:

```

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

Set db = CurrentDB()
Set rs = db.OpenRecordset("[MyTable]", dbOpenDynaset)

With rs
    .AddNew
    lngAutoNum = !MyAutoField.Value
    !MyField2 = (some value)
    !MyField3 = (some other value)
    .Update
End With

Set rs = Nothing
Set db = nothing

```

This second approach is very similar but captures the AutoNumber *after* it has been committed to the table, not *before* as in the previous example. After the insert, the programmer positions the recordset pointer to the record most recently modified, which happens to be the record he just added. This approach is the one you will find in most sample code in books or on the Internet:

```

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

Set db = CurrentDB()
Set rs = db.OpenRecordset("[MyTable]", dbOpenDynaset)

With rs
    .AddNew
    !MyField2 = (some value)
    !MyField3 = (some other value)
    .Update
    .Move 0, .LastModified
    lngAutoNum = !MyAutoField.Value
End With

Set rs = Nothing
Set db = nothing

```

The third approach, my favorite, is identical to the second with one small change. Can you see it?

```
With rs
    .AddNew
    !MyField2 = (some value)
    !MyField3 = (some other value)
    .Update
    .Bookmark = .LastModified
    lngAutoNum = !MyAutoField.Value
End With
```

As a final note, in Access/Jet I know of no 100% reliable way to retrieve your new AutoNumber if a record is inserted by means of an SQL statement, be that an Append query or an SQL statement constructed in code and executed by the Database or Querydef objects. SQL Server offers such an ability, but it seems to be lacking in Access/Jet. If any DAAUG member out there knows of a documented approach for retrieving the new AutoNumber value after an SQL insert, drop me a note at labdirector@daaug.org. I'd love to know how to do that.

Your Lab Director,

Jim Pilcher

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

Denver Visual Studio User Group

As a service to our sister group...

Date: Monday, July 24th, 2006

Time: 5:30 PM to 9:00 PM

Location: Microsoft Rocky Mountain Office

“Extreme ASP.NET 2.0: Asynchronous Client and Server Processing for Rich Web Clients”

Presenter: **Daniel Larson**, Microsoft Office SharePoint Developer MVP

Building responsive web applications that scale can be a challenge! Asynchronous page processing and Atlas Web Services are two technologies that you can add to your ASP.NET applications today to bring them to life while improving scalability. These are technologies that can be complex, but with some guidance you'll have them implemented in your applications in no time! We'll look at real life scenarios and simple code examples that will make this easy whether you're an advanced web developer or just getting started with ASP.NET.

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 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 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.

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. 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.

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.

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.linx-co.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 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) 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.

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.