

# Re: Function name not found

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*Source:*

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.modulesdaovba/2006-04/msg00626.html>

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- *From:* Brian <Brian@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
  - *Date:* Sun, 16 Apr 2006 14:20:02 -0700
- 

Yes. I take back the comment about the OS. However, I have two complications:

1. This is a multi-user application that may be distributed in networks that include some Access XP & 2003 workstations as well as some that use the Access 2003 runtime that I provide. It seems like a lot of overhead to have to distribute multiple versions of my app in such a scenario, especially when distributing updates to the client.
2. I am working off a single development workstation that will not allow me to compile a 2002/XP MDE's because I have Access 2003 & VB tools installed (file format is shown as XP/2003). Will it work for me to install both Office XP Pro and Office 2003 Pro on the same workstation just to accomodate the distribution needs?

Now, if I knew for sure that I could distribute Access 2003 runtime safely to all Access XP Pro clients, I would have no problem here, but I have not seen anything close to a definitive answer to that in the forums.

It seems that the more development I do, the more time I have to spend babysitting program versions and application limitations and the less time I spend actually working on content-related programming and reporting for the end-user.

"RD" wrote:

I have found it very common on the internet for a site to ask what OS I'm running before I download.

Why not for Access?

On Thu, 30 Mar 2006 22:12:02 -0800, Brian <Brian@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:

OK. So I am trying to do two things:

1. Protect my application. Any way other than MDE to keep the 99% of

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casual

pirates out? Never mind the other 1% that are serious hackers; if I plan for them, I will never get a product to market.

2. Make installation as intuitive as possible for the customer. If I were the customer purchasing an application online, I would personally feel that its presentation is far from professional if I had to tell the programmer what version of Access I had before I could download my copy. Is it feasible to simply push out an Access 2003 runtime with EVERY implementation, or will

this mess up existing settings or file associations when installed on systems that have Access 2000 or 2002 full version installed? Could I even guarantee that the runtime would be used for my app if I did it this way? (Yes, I do have the VB Tools for Office and thus the developer tools).

Thanks again.

"Douglas J. Steele" wrote:

MDEs aren't as forgiving as MDBs. You may have to produce a separate MDE for each version of Access you're supporting.

--

Doug Steele, Microsoft Access MVP  
<http://I.Am/DougSteele>  
(no private e-mails, please)

"Brian" <Brian@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message  
<news:0806212D-7037-4555-8FEE-579840A6418E@xxxxxxxxxxxxxxxxxxxx>

On second thought, this is the MS Access Object Library (MSACC.OLB), not the generic Office 11.0 Object Library. Pardon my ignorance here, but isn't the Access Object Library rather fundamental to a lot of things that happen in Access?

By default, this resides in the C:\Program Files\Microsoft Office\OFFICE11 folder for Access 2003, including the runtime, but in the ...Office10 folder for full versions of Access 2002 or 2000.

"Douglas J Steele" wrote:

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Why are you including the Office reference? Do you really need it?

Depending on what you're doing, you may be able to use Late Binding, and eliminate the need for the reference, thus eliminating your problem.

--

Doug Steele, Microsoft  
Access MVP  
<http://I.Am/DougSteele>  
(no e-mails, please!)

"Brian"

<Brian@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in message

<news:E9ADE37E-C8B1-4AA1-A62B-5F35C33453DB@xxxxxxxxxxxxxxxx>

How would  
you  
recommend  
distributing  
an Access  
app, then, to  
customers

that

are casual  
canned-software-only  
customers?

I have an  
app that has  
just  
outgrown  
my local  
client base;  
I have a  
significant  
number of  
potential  
customers  
asking how  
they can

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purchase it,  
and they  
may well  
want to  
buy

it

"off the  
shelf" with  
no  
involvement  
of mine on  
their  
systems. I  
suppose  
that's a  
good  
problem to  
have, but I  
need to  
ensure that I  
don't lose

control

of the  
security of  
my code  
anywhere  
along the  
way.

To this  
point, I  
have been  
simply  
setting  
AllowBypassKey  
to False for

those

customers  
whose  
systems I  
manage, but  
I don't  
really want  
to distribute

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the

app to  
unknown  
customers  
that way  
when it is is  
easy to  
re-enable  
the

bypass

key (as you  
are well  
aware, there  
are several  
tools out  
there that  
make

this

quite easy).

So, I  
thought I  
would just  
use an  
MDE. For  
those clients  
not having

Access,

I can  
distribute  
the runtime  
2003, but  
now I'm  
stuck with  
the current

problem

for those  
customers  
who already  
have a  
version of  
Access. The

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app works

fine

with  
anything  
2000 or  
newer,  
except for  
this  
reference.

"Douglas J  
Steele"  
wrote:

I  
believe  
that  
the  
problem  
is  
that  
while  
Access  
is  
capable  
of  
handling  
certain  
Reference  
changes  
from  
version  
to  
version  
in  
MDBs,  
it  
can't  
in

MDEs.

You  
can  
use  
code  
like

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the  
following  
to  
check  
the  
references  
in  
another  
database:

```
Sub  
ListReferences()  
Dim  
appAccess  
As  
Access.Application  
Dim  
refCurr  
As  
Reference  
Dim  
strDatabase  
As  
String
```

```
strDatabase  
=  
"full  
path  
to  
database"  
Set  
appAccess  
=  
New  
Access.Application  
appAccess.OpenCurrentDatabase  
strDatabase  
For  
Each  
refCurr  
In  
appAccess.References  
If  
refCurr.IsBroken  
=  
False  
Then  
Debug.Print  
refCurr.Name  
&
```

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```
-  
"  
(  
&  
refCurr.Major  
&  
". "  
&  
refCurr.Minor  
&  
")"  
Else  
Debug.Print  
"Broken  
reference:  
"  
&  
refCurr.Guid  
End  
If  
Next  
refCurr  
appAccess.CloseCurrentDatabase  
Set  
appAccess  
=  
Nothing  
  
End  
Sub
```

If  
you're  
distributing  
to  
customers  
who  
are  
running  
on  
a  
different

platform

that  
you  
use,  
you  
really

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should  
be  
at  
least  
testing  
the  
application  
on

their

platform  
before  
distributing  
to  
them.  
Look  
into  
something  
like  
Virtual

PC or

VMWare  
to  
eliminate  
the  
need  
for  
multiple  
pieces  
of  
hardware.

--  
Doug  
Steele,  
Microsoft  
Access  
MVP  
<http://I.Am/DougSteele>  
(no  
e-mails,  
please!)

"Brian"  
<Brian@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>  
wrote  
in

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message

[news:7F3E1400-9B06-407B-96DF-25CD25AC91B2@xxx](mailto:news:7F3E1400-9B06-407B-96DF-25CD25AC91B2@xxx)

Pardon  
my  
ignorance  
here,  
but  
shouldn't  
the  
MDB  
use  
the  
same

references?

Does

something  
happen  
in  
the  
MDE  
compilation  
process  
that  
disallows  
the  
XP

machine

to  
use  
its  
own  
references  
as  
it  
would  
when  
using  
the  
MDB?

Before  
I  
saw  
your  
reply,

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Re: Function name not found

I  
thought  
it  
might  
be  
a  
service  
pack  
issue,

so I

installed  
Office  
XP  
SP3,  
and  
now  
the  
MDE  
says  
the  
DB  
is  
in  
an

unrecognized

format  
(MDB  
is  
still  
fine)  
on  
the  
affected  
PC.  
This  
was  
in  
XP/2003

format

and

compiled  
to  
MDE  
on

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my  
dev  
PC.  
I  
copied  
the  
MDB  
and  
compiled  
the  
MDE  
on

the

target  
PC,  
and  
it  
is  
just  
fine.

I  
just  
checked  
the  
references  
on  
the  
dev  
&  
target  
PC's,  
and  
the  
DLLs

are

in

the  
correct  
paths.  
The  
ONLY  
difference  
is  
the  
Office

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10/Office  
11  
path

for

the  
MS  
Access  
10.0/11.0  
Object  
Library,  
which  
appears  
correctly  
on

each PC

when  
I  
open  
the  
MDB.  
Is  
there  
a  
way  
to  
check  
the  
pre-compiled  
MDE

reference

on  
the  
target  
PC?

Just  
a  
note  
on  
Access:  
it  
is  
very  
frustrating  
spending

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hundreds  
of

hours

developing  
an  
app  
like  
this,  
only  
to  
wind  
up  
with  
clients  
saying  
it

doesn't

work  
due  
to  
some  
Access  
platform  
issue  
entirely  
unrelated  
to  
all  
my

hard

work...

Thanks.

"Klatuu"  
wrote:

It  
probably  
is  
a  
reference  
issue.  
2003

Re: Function name not found

uses  
11.0  
libraries  
and  
2002

uses  
10.0

One  
the  
offending  
machine,  
install  
the  
mbd  
open  
VBA  
editor,  
check

Tools,

References.  
See  
if  
any  
are  
missing.

Here  
is  
a  
site  
that  
may  
be  
useful:

<http://support.microsoft.com/default.aspx?sci>

Also,  
you  
did  
not  
say  
where  
the  
error  
occured.  
Have  
you

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tried

stepping

through  
in  
Debug  
mode  
to  
see  
if  
you  
can  
tell  
where  
it  
fails?

Looking  
at  
you  
Startup  
function,  
the  
first  
thing  
I  
see  
is  
a  
DFirst

domain

aggregate  
function.  
I  
am  
not  
sure,  
but  
I  
think  
it  
is  
in  
the  
DAO

library.  
It

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Re: Function name not found

is  
3.6  
for  
both  
Access  
versions,  
but  
I  
would  
check  
the  
offending

Pc's to

be

sure  
they  
have  
that  
DLL  
and  
it  
is  
in  
the  
path  
specified  
in  
the

references.

"Brian"  
wrote:

I  
have  
an  
FE/BE  
app  
that  
works  
fine  
on  
all  
PC's

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&  
a  
terminal

server (a

mixture  
of  
Access  
and  
Access  
runtime)  
when  
run  
as  
an  
MDB,  
but  
but

fails  
on

two  
PC's  
when  
distributed  
as  
an  
MDE.  
If  
I  
distribute  
it  
as  
an  
MDB

and

compile

to  
MDE  
on  
the  
workstation,  
the  
MDE  
works  
fine,

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though.  
My  
dev

workstation  
is

Access  
2003  
(Office  
Pro  
with  
VB  
Tools),  
and  
at  
least  
one  
of  
the

workstations

on  
which  
it  
fails  
is  
Access  
2002  
(full  
version).  
Here  
is  
the

error:

The  
expression  
you  
entered  
has  
a  
function  
name  
that  
<my  
app  
name>

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can't  
find.

How  
can  
I  
locate  
this?  
I  
have  
error-trapping  
in  
every  
procedure  
on

every

form,  
and  
this  
message  
is  
an  
indication  
that  
the  
error  
is  
not

being

trapped.

I  
have  
this  
startup  
methodology  
that  
provides  
a  
little  
more

flexibility  
than

Re: Function name not found

using  
startup  
options  
to  
open  
a  
form:

```
AutoExec  
Macro:  
RunCode  
-  
Function  
Startup()
```

The  
Startup  
function  
is  
in  
a  
standalone  
module  
(i.e.  
not  
behind  
a

form)

```
Function  
Startup()  
DataFileName  
=  
DFirst("[DataFileName]",  
"[Version]")  
DemoVersion  
=  
False  
DemoLength  
=  
30  
DoCmd.OpenForm  
"Login"  
End  
Function
```

The  
three  
variables,

Re: Function name not found

DataFileName,  
DemoVersion,  
and  
DemoLength  
are

all

public  
variables  
declared  
(one  
in  
in  
this  
module  
and  
the  
other  
two

in

another

module).

I  
do  
have  
a  
host  
of  
other  
functions  
in  
my  
app,  
but  
this  
is  
the

most

likely

candidate  
because,  
although  
my

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login  
form  
does  
call  
a  
couple  
of

other

functions  
from  
other  
modules,  
this  
is  
the  
first  
one  
that  
runs  
on

startup.

Any  
ideas?  
Or  
at  
least  
how  
to  
isolate  
the  
issue  
and  
why  
it  
would

occur

only

in  
the  
MDE?

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