Subject: Re: postgresql queries
Posted by Allan Whiteford on Fri, 11 Jan 2008 16:02:55 GMT
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Dave wrote:
> Does anyone know if there is a general way to connect and query a
> postgresql database from within IDL using linux and os x? My group
> has a few linux licenses for 6.4/7.0 but I'm using an older version of
> the student version on my laptop (os x).
>
> Many thanks,
> Dave

Dave,

http://sdssidl.sourceforge.net/

and, in particular:

http://sdssidl.sourceforge.net/src/pgsql_query.c.html

might be helpful.

Thanks,

Allan

Subject: Re: postgresql queries
Posted by wita on Fri, 11 Jan 2008 16:08:54 GMT
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On Jan 11, 4:55 pm, Dave <Confused.Scient...@gmail.com> wrote:
> Does anyone know if there is a general way to connect and query a
> postgresql database from within IDL using linux and os x? My group
> has a few linux licenses for 6.4/7.0 but I'm using an older version of
> the student version on my laptop (os x).
>
> Many thanks,
> Dave

Dear Dave,

You will probably need the IDL dataminer which is licensed separately.
I am not sure whether it supports PostgreSQL though.
The other route is to write a DLM using the open source drivers for
postgress, but I have no experience with that.

If IDL is not strictly needed, you may consider Python which has
excellent DB support including PostgreSQL.

with best regards,

Allard

On Jan 11, 11:08 am, Allard de Wit <allard.de...@wur.nl> wrote:
> On Jan 11, 4:55 pm, Dave <Confused.Scient...@gmail.com> wrote:
>
>> Does anyone know if there is a general way to connect and query a
>> postgresql database from within IDL using linux and os x? My group
>> has a few linux licenses for 6.4/7.0 but I'm using an older version of
>> the student version on my laptop (os x).
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>> Many thanks,
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> Dear Dave,
>
> You will probably need the IDL dataminer which is licensed separately.
> I am not sure whether it supports PostgreSQL though.
> The other route is to write a DLM using the open source drivers for
> postgress, but I have no experience with that.
>
> If IDL is not strictly needed, you may consider Python which has
> excellent DB support including PostgreSQL.
>
> with best regards,
>
> Allard

I have done this before with mysql with spawn statements calling
queries. It worked, dataminer is better but costs money.

Cheers,

Brian

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Brian Larsen
Boston University
Center for Space Physics

Subject: Re: postgresql queries
Posted by Robbie on Fri, 11 Jan 2008 22:17:20 GMT

Hi Allan,

I didn't realize that your driver existed.

I've been doing much that same, but using libpq++. I've been playing
with large object support.

I tried using IDLdbDatabase. I found it difficult to get working and
completely useless when I finally managed to write a query. The data
type mapping was all wrong and I could not include quotes (') in my
query. The error messages and segmentation faults were so cryptic that
I gave up.

Robbie

Subject: Re: postgresql queries
Posted by skymaxwell@gmail.com on Sat, 12 Jan 2008 11:32:01 GMT

i did sometimes ago connect to MySQL and Oracle Express Edition
databases from IDL
I use ODBC drivers from Oracle site and MySQL site, becouse Dataminer
don't support them (as show in IDL help). So you can try Postgres ODBC
driver

Subject: Re: postgresql queries
Posted by Allan Whiteford on Mon, 14 Jan 2008 09:06:38 GMT

Robbie wrote:
> Hi Allan,
>
> I didn't realize that your driver existed.
>
> I've been doing much that same, but using libpq++. I've been playing
> with large object support.
>
> I tried using IDLdbDatabase. I found it difficult to get working and
> completely useless when I finally managed to write a query. The data
> type mapping was all wrong and I could not include quotes (') in my
> query. The error messages and segmentation faults were so cryptic that
> I gave up.

>
> Robbie

Robbie,

It's not mine, sorry if it seemed like I was claiming credit.

I just came across it while looking for a MySQL API a while back. I had
similar issues when looking at IDLdbDatabase but I don't think I got as
far as you.

Thanks,

Allan