Subject: PostgreSQL Attribute Foreign Key --> Bug?
Posted by captainc on Fri, 15 Aug 2008 15:22:20 GMT
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I noticed that my foreign keys were not being created in my PostgreSQL database. So I copied a query from the Attributes script created by U++ and tried to run it manually. The query was:
alter table MYTABLE1 add constraint FK_MYTABLE1$MYT_ID foreign key (MYT_ID) references MYTABLE2.MYT_ID;
The error I received was something like:
"ERROR: schema mytable2 does not exist."
I changed the script line to:
alter table MYTABLE1 add constraint FK_MYTABLE1$MYT_ID foreign key (MYT_ID) references MYTABLE2(MYT_ID);
Note the paren () instead of dot/period.
And it worked...

I am using PostgreSQL 8.2.9

Subject: Re: PostgreSQL Attribute Foreign Key --> Bug?
Posted by zsolt on Fri, 15 Aug 2008 17:05:23 GMT
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Originally, I just copied that code from an other implementation.

You can fix this bug in PostgreSQLSchema.h

Subject: Re: PostgreSQL Attribute Foreign Key --> Bug?
Posted by captainc on Tue, 19 Aug 2008 11:55:30 GMT
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In order to keep similarity of .sch files across all databases, we would not want to change the syntax that to define a reference. If this is a true statement, then we would need some sort of additional macro that would take a character string "TABLE.COLUMN" and turn it into "TABLE(COLUMN)" for only postgresql (and any other databases that require this syntax).

What is the best way to go about this?

Can we have a PostgresqlSchema class extend the Schema class and override Attribute and InlineAttribute to perform the replacement?

Subject: Re: PostgreSQL Attribute Foreign Key --> Bug?
Posted by captainc on Tue, 19 Aug 2008 18:43:22 GMT

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For now, to make it usable, I added code to methods Attribute() and InlineAttribute() in SqlSchema.cpp that checks the dialect for PGSQL and modifies the text returned by Expand() to replace the TABLE.COLUMN with TABLE(COLUMN)...

This should be fixed in trunk though.

Subject: Re: PostgreSQL Attribute Foreign Key --> Bug?
Posted by mirek on Thu, 21 Aug 2008 14:53:30 GMT
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So, who needs write rights to PGSQL package?

Mirek