Subject: Problems with TPgSQLServer
Posted by StefanoSpataro on Fri, 16 Nov 2007 14:07:43 GMT

Here in Gießen we had, compiling root 5.16, several problems with the PgSQLServer, so we decided to disable it from the main root compilation. This is the error we had:

```
g++ -O2 -pipe -m32 -Wall -W -Woverloaded-virtual -fPIC -Iinclude  -pthread  -o
reflex/src/Kernel.o -c reflex/src/Kernel.cxx
bin/rmkdepend -R -freflex/src/MemberTemplate.d -Y -w 1000 -- -pipe -m32 -Wall -W
-Woverloaded-virtual -fPIC -Iinclude  -pthread -D__cplusplus -- reflex/src/MemberTemplate.cxx
pgsql/src/TPgSQLServer.cxx: In member function 'virtual TSQLStatement*
TPgSQLServer::Statement(const char*, Int_t)':
pgsql/src/TPgSQLServer.cxx:347: error: 'struct PGSQL_STMT' has no member named 'conn'
pgsql/src/TPgSQLServer.cxx:348: error: 'struct PGSQL_STMT' has no member named 'res'
pgsql/src/TPgSQLServer.cxx:350: error: 'struct PGSQL_STMT' has no member named 'res'
pgsql/src/TPgSQLServer.cxx:355: error: 'struct PGSQL_STMT' has no member named 'res'
pgsql/src/TPgSQLServer.cxx:356: error: 'struct PGSQL_STMT' has no member named 'conn'
g++ -O2 -pipe -m32 -Wall -W -Woverloaded-virtual -fPIC -Iinclude  -pthread  -o
reflex/src/MemberTemplate.o -c reflex/src/MemberTemplate.cxx
make: *** [pgsql/src/TPgSQLServer.o] Error 1
make: *** Waiting for unfinished jobs....
g++ -O2 -pipe -m32 -Wall -W -Woverloaded-virtual -fPIC -Iinclude  -pthread  -o
reflex/src/MemberBase.o -c reflex/src/MemberBase.cxx
rm utils/src/rootcint_tmp.cxx utils/src/RStl_tmp.cxx
```
There is a problem compiling root

Just googling around, I found in a "private" website, that:

For 5.16.00, there is a bug in the pgsql code that will block compilation. Edit file pgsql/src/TPgSQLServer.cxx and change the variables stmt->conn to stmt->fConn and stmt->res to stmt->fRes. This error has been fixed in the CVS version.

I tried it and now everything works. So maybe, if we want to have root 5.16 as new external package and not something higher, we should think on modify those lines the the "official" tarball.