
Subject: PATCH/BUGFIX Oracle global temporary table
Posted by [wqcmaster](#) on Wed, 14 Oct 2015 08:15:31 GMT
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Hi,

Oracle Definition for global temporary table: create global temporary table <tablename> on commit <...> as (<select_cmd>);

PostgreSQL Definition for global temporary table: create [global] temporary table <tablename> on commit <...> as (<select_cmd>);

so, it is not the great solution, but a simple sourcecode extension:

Sqlexp.h:

```
struct SqlCreateTable {
    SqlId table;
    bool permanent;
    bool transaction;
    enum { TRANSACTION, SESSION, PERMANENT };
public:
    SqlCreateTable& Permanent() { permanent = true; return *this; }
    SqlCreateTable& Transaction() { transaction = true; return *this; }
    SqlStatement As(const SqlSelect& select);
    SqlCreateTable(SqlId table) : table(table) { permanent = false; transaction = false; }
};
```

SqlStatement.cpp:

```
SqlStatement SqlCreateTable::As(const SqlSelect& select)
{
    String text = "create ";
    if(!permanent)
        text << SqlCase(ORACLE | PGSQL, "global temporary")("temporary ");
    text << "table " << table.Quoted();
    if(!permanent){
        if (transaction)
            text << SqlCase(ORACLE | PGSQL, " on commit delete rows")("");
        else
            text << SqlCase(ORACLE | PGSQL, " on commit preserve rows")("");
    }
    text << " as (" + SqlStatement(select).GetText() + ")";
    return SqlStatement(text);
}
```