Subject: PostgreSQL issues
Posted by zsolt on Wed, 23 May 2007 20:34:59 GMT
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I have checked current version and found some strange things. In PostgreSQLSchema.h there ar some buggy lines:

```
#define SERIAL(x)                COLUMN("integer autoincrement", int64, x, 0, 0) //int is not enough, as it is unsigned
#define SERIAL_ARRAY(x, items)     COLUMN_ARRAY("integer autoincrement", int64, x, 0, 0, items)
#define SERIAL_(x)               COLUMN_("integer autoincrement", int64, x, 0, 0)
#define SERIAL_ARRAY_(x, items)    COLUMN_ARRAY_("integer autoincrement", int64, x, 0, 0, items)

#define BIGSERIAL(x)             COLUMN("integer autoincrement", int64, x, 0, 0)
#define BIGSERIAL_ARRAY(x, items)  COLUMN_ARRAY("integer autoincrement", int64, x, 0, 0, items)
#define BIGSERIAL_(x)            COLUMN_("integer autoincrement", int64, x, 0, 0)
#define BIGSERIAL_ARRAY_(x, items) COLUMN_ARRAY_("integer autoincrement", int64, x, 0, 0, items)
```

The above lines would be useful in SQLite (I wanted to propose it), but not in PG. The correct lines would be:

```
#define SERIAL(x)                COLUMN("serial", int64, x, 0, 0) //int is not enough, as it is unsigned
#define SERIAL_ARRAY(x, items)     COLUMN_ARRAY("serial", int64, x, 0, 0, items)
#define SERIAL_(x)               COLUMN_("serial", int64, x, 0, 0)
#define SERIAL_ARRAY_(x, items)    COLUMN_ARRAY_("serial", int64, x, 0, 0, items)

#define BIGSERIAL(x)             COLUMN("bigserial", int64, x, 0, 0)
#define BIGSERIAL_ARRAY(x, items)  COLUMN_ARRAY("bigserial", int64, x, 0, 0, items)
#define BIGSERIAL_(x)            COLUMN_("bigserial", int64, x, 0, 0)
#define BIGSERIAL_ARRAY_(x, items) COLUMN_ARRAY_("bigserial", int64, x, 0, 0, items)
```

I would propose some other lines to SQLite for compatibility with PostgreSQL:

```
#define CLOB(x)                  COLUMN("text", String, x, 0, 0)
#define CLOB_(x)                 COLUMN_("text", String, x, 0, 0)
```