
Subject: Re: GUID column in DB and SqlArray
Posted by [LamerDrv](#) on Sun, 27 Mar 2016 09:48:52 GMT
[View Forum Message](#) <> [Reply to Message](#)

Thank you for answer.

Unfortunately, it is appears that handling with GUID, SQL on Upp exceeds my knowledge :?

First I try direct use the COLUMN_ macros

```
TABLE_(Customer)
    COLUMN_ ("uniqueidentifier", GUID, ID, 0, 0)
```

```
...
END_TABLE
```

and get

error C2664: 'Upp::FieldOperator &Upp::FieldOperator::operator()(const char *,Upp::Ref)': cannot convert argument 2 from 'GUID' to 'bool &' when compiling sch-file.

As far as I understanding the data types for db-fields must support Ref. Then I try to use the Uuid type but get same error.

Then I try to make UGLY fix :)) for make the Uuid be Ref-compatible:

```
struct Uuid2 : Uuid
{
    operator Ref() const {return Ref((Value)*this);}
    Uuid2& operator=(const Nuller&){SetNull(); return *this; }
};
```

After this the compiler passed sch-file

```
TABLE_(Customer)
    COLUMN_ ("uniqueidentifier", Uuid2, ID, 0, 0)
```

```
...
END_TABLE
```

But when I call SqlArray.Query() I get error:

```
"[Microsoft][SQL Server Native Client 11.0]Numeric value out of range"
```

Eventually ... I made "simple" call

```
SQL.Execute("select ID from Customer");
and got same error.
```

This error is generated by ODBC-function SQLGetData (inside "default" branch of switch in ODBCConnection::Fetch0, ODBC.cpp):

```
if(!IsOk(SQLGetData(session->hstmt, i + 1, ct, &tm, 0, &li)))
    break;
```

It is appears, Upp can't execute select query on uniqueidentifier field. On this point I get stuck.
