
Subject: PostgreSQL NaN fetching from DB
Posted by [shutalker](#) on Thu, 26 Jul 2018 14:33:50 GMT
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Hi!
I've noticed that NaN floating point values fetches from DB as zero values because of using `Atof()`. There is no possibility to check whether the value is NaN or not via such functions like `IsNaN()` or `IsNull()`. Also I have a question about fetching integers: why `atoi()` call is used in this code, and not `ScanInt()`?

```
void PostgreSQLConnection::GetColumn(int i, Ref f) const
{
    ...

    switch(info[i].type)
    {
        ...

        case INT_V:
            f.SetValue(atoi(s));
            break;

        ...
    }

    ...
}
```

Here is a patch in attachments. Could you check and comment it?

File Attachments

1) [PostgreSQLConnection_GetColumn.diff](#), downloaded 357 times

Subject: Re: PostgreSQL NaN fetching from DB
Posted by [mirek](#) on Mon, 20 Aug 2018 07:51:37 GMT
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Uhm, ok, somehow I am not even sure that you are supposed to store Nans into SQL database...
But your fix is otherwise harmless, so...

The only thing - I am afraid that it is not really possible to store Nans using U++ right now.
