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 335 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.