
Subject: Re: Huge error of Postgresql! Double fields by transmission to the program lose a fractional part!

Posted by [sergeynikitin](#) on Thu, 26 Jan 2017 00:25:23 GMT

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Modified code (while lang settings SetLanguage(LNGFromText("RU-RU")));:

```
char *s = PQgetvalue(result, fetched_row, i);
switch(info[i].type)
{
case INT64_V:
    f.SetValue(ScanInt64(s));
    break;
case INT_V:
    f.SetValue(atoi(s));
    break;
case DOUBLE_V:
    RLOG("===start analysis===");
    RDUMP(s);
    double da,dS;
    da = atof(s);
    dS = ScanDouble(s);
    RDUMP(da);
    RDUMP(dS);
    static String test_format_and_lang_settings;
    test_format_and_lang_settings = Format("%f",dS);
    RDUMP(test_format_and_lang_settings);
    RLOG("====end analysis====");
    RLOG(" ");
    f.SetValue(ScanDouble(s));
    break;
case BOOL_V:
    f.SetValue(*s == 't' ? "1" : "0");
    break;
case DATE_V:
```

Log:

```
26.01.2017 03:22:15 ===start analysis===
26.01.2017 03:22:15 s = 90
26.01.2017 03:22:15 da = 90
26.01.2017 03:22:15 dS = 90
26.01.2017 03:22:15 test_format_and_lang_settings = 90,000000
26.01.2017 03:22:15 ====end analysis====
26.01.2017 03:22:15
26.01.2017 03:22:15 ===start analysis===
```

26.01.2017 03:22:15 s = 40
26.01.2017 03:22:15 da = 40
26.01.2017 03:22:15 dS = 40
26.01.2017 03:22:15 test_format_and_lang_settings = 40,000000
26.01.2017 03:22:15 =====end analysis=====
26.01.2017 03:22:15
26.01.2017 03:22:15 =====start analysis=====
26.01.2017 03:22:15 s = 269.96336996337
26.01.2017 03:22:15 da = 269
26.01.2017 03:22:15 dS = 269.96336996337
26.01.2017 03:22:15 test_format_and_lang_settings = 269,963370
26.01.2017 03:22:15 =====end analysis=====
26.01.2017 03:22:15
26.01.2017 03:22:15 =====start analysis=====
26.01.2017 03:22:15 s = 381.556455240666
26.01.2017 03:22:15 da = 381
26.01.2017 03:22:15 dS = 381.556455240666
26.01.2017 03:22:15 test_format_and_lang_settings = 381,556455
26.01.2017 03:22:15 =====end analysis=====
26.01.2017 03:22:15
26.01.2017 03:22:15 =====start analysis=====
26.01.2017 03:22:15 s = 282.083413662361
26.01.2017 03:22:15 da = 282
26.01.2017 03:22:15 dS = 282.083413662361
26.01.2017 03:22:15 test_format_and_lang_settings = 282,083414
26.01.2017 03:22:15 =====end analysis=====
