
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 01:23:09 GMT

[View Forum Message](#) <> [Reply to Message](#)

I test timings:

Test code:

```
#include <Core/Core.h>
```

```
using namespace Upp;
```

```
CONSOLE_APP_MAIN
```

```
{  
  double a;  
  String s = "269.96336996337";  
  #define LOOPS 1000000  
  for(int i = 0; i < LOOPS; i++){  
    RTIMING("Using atof");  
    a = atof(s);  
  }  
  for(int i = 0; i < LOOPS; i++){  
    RTIMING("Using ScanDouble");  
    a = ScanDouble(s);  
  }  
}
```

TIMING results:

TIMING Using ScanDouble: 1.12 s - 1.12 us (1.22 s / 1000000), min: 0.00 ns, max: 1.00 ms, nesting: 1 - 1000000

TIMING Using atof : 337.45 ms - 337.45 ns (439.00 ms / 1000000), min: 0.00 ns, max: 1.00 ms, nesting: 1 - 1000000

It's not dramatically slower! But standard settings (on various environments) show right results!
