
Subject: Re: AngelScript - AngelCode Scripting Library
Posted by [Sender Ghost](#) on Fri, 18 Nov 2011 14:38:05 GMT
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Hello, Koldo.

koldo wrote on Fri, 18 November 2011 12:12
It seems worthwhile to include it in Bazaar

For now, I just uploaded it here. Feel free to test it.

koldo wrote on Fri, 18 November 2011 12:12

It would also be very useful to have a benchmark to compare it with this example from Mirek. I would like to add to it the TCC (Tiny C Compiler) part.

Based on AngelScript samples, I added the same calculation functions for Mirek source code, with following results (for MSC9 compiler in optimal mode):

```
1 / (1 - x * y + x - y) = -0.01851851852
```

```
fn->Execute() = -0.01851851852
```

```
sum = 5190404.858
```

```
sum = 5190404.858
```

```
sum = 5190404.858
```

```
sum = 5190404.858
```

```
sum = 5190404.858
```

```
TIMING AngelScript (fully interpreted): 110.00 ms - 110.00 ms (110.00 ms / 1 ), min: 110.00 ms, max: 110.00 ms, nesting: 1 - 1
```

```
TIMING AngelScript (interpreted): 332.00 ms - 332.00 ms (332.00 ms / 1 ), min: 332.00 ms, max: 332.00 ms, nesting: 1 - 1
```

```
TIMING Direct      : 14.00 ms - 14.00 ms (14.00 ms / 1 ), min: 14.00 ms, max: 14.00 ms, nesting: 1 - 1
```

```
TIMING Compiled    : 58.00 ms - 58.00 ms (58.00 ms / 1 ), min: 58.00 ms, max: 58.00 ms, nesting: 1 - 1
```

```
TIMING Interpreted  : 807.00 ms - 807.00 ms (807.00 ms / 1 ), min: 807.00 ms, max: 807.00 ms, nesting: 1 - 1
```

But need to note, that it is also possible to bind compiled functions to script functions, cache compiled functions, etc. Therefore, the real optimized results might be different.

The changed package could be found in the attachments.

File Attachments

1) [UppCompiler.zip](#), downloaded 534 times
