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Subject: Re: AngelScript - AngelCode Scripting Library  
Posted by [Sender Ghost](#) on Tue, 03 Jul 2012 02:30:20 GMT  
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The AngelScript archive updated to 2.24.0a version.

Also I updated UppCompiler archive (in attachment) with changes of 2.24.0a version and ScopeRelease helper class template for releasing resources on scope completion (e.g. for asIScriptEngine, asIScriptContext objects, which have Release virtual methods):

Toggle source code

```
template<class T>
class ScopeRelease {
protected:
    T *object;
public:
    ScopeRelease() : object(0) {}
    ScopeRelease(T *x) : object(x) {}
    ~ScopeRelease() { if (object) object->Release(); }
    ScopeRelease& operator=(T *x) { object = x; return *this; }
    T *GetObject() { return object; }
    T *operator->() { return object; }
    T *operator~() { return object; }
    bool operator==(T *x) { return object == x; }
    bool operator!=(T *x) { return object != x; }
    virtual bool Release()
    { // In case you need to release the object before the scope completion.
      if (object) {
        object->Release();
        object = 0;
        return true;
      }

      return false;
    }
};
```

With following results for 2.24.0a version:

```
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): 78.00 ms - 78.00 ms (78.00 ms / 1 ), min: 78.00 ms, max: 78.00 ms, nesting: 1 - 1
```

```
TIMING AngelScript (interpreted): 321.00 ms - 321.00 ms (321.00 ms / 1 ), min: 321.00 ms, max:
```

321.00 ms, nesting: 1 - 1

TIMING Direct : 13.00 ms - 13.00 ms (13.00 ms / 1 ), min: 13.00 ms, max: 13.00 ms, nesting: 1 - 1

TIMING Compiled : 53.00 ms - 53.00 ms (53.00 ms / 1 ), min: 53.00 ms, max: 53.00 ms, nesting: 1 - 1

TIMING Interpreted : 837.00 ms - 837.00 ms (837.00 ms / 1 ), min: 837.00 ms, max: 837.00 ms, nesting: 1 - 1

## File Attachments

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1) [UppCompiler.zip](#), downloaded 384 times

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