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

1) UppCompiler.zip, downloaded 414 times