Subject: ThrowValueTypeError small bug, and suggestion for removing it
Posted by hans on Sun, 13 Apr 2014 11:47:21 GMT
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Hi again, here is small bug (imho)

```
void ThrowValueTypeError(const String& text, const Value& src, int target)
{
 ValueTypeError err;
 (String&)err = text;
 err.src = text;              // <-- bug, should be err.src= src;
 err.target = target;
 throw err;
}
```

I would suggest removing this function, instead code following:

```
class ValueTypeError : public Exc {
public:
 ValueTypeError(const String& text, const Value& src, int target) : Exc(text), src(src), target(target)
{}
 Value src;
 int   target;
};
```

to throw then code

```
 throw ValueTypeError(String().Cat() << "Invalid value conversion: "
                  << GetName() << " -> " << typeid(T).name(),
                  *this, t);
```

Also no need to return something after the throw to silence the compiler

THX, Hans

Subject: Re: ThrowValueTypeError small bug, and suggestion for removing it
Posted by mirek on Sun, 13 Apr 2014 17:47:19 GMT
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hans wrote on Sun, 13 April 2014 11:47Hi again, here is small bug (imho)

```
void ThrowValueTypeError(const String& text, const Value& src, int target)
{
```

```
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to throw then code

```
 throw ValueTypeError(String().Cat() << "Invalid value conversion: "
                << GetName() << " -> " << typeid(T).name(),
                *this, t);
```

Also no need to return something after the throw to silence the compiler

THX, Hans

Thank you, you are right, code changed.

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## Subject: Re: ThrowValueTypeError small bug, and suggestion for removing it
Posted by busiek on Mon, 14 Apr 2014 05:45:10 GMT
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Commit 7243 breaks compilation under g++. For instance when compiling ide following error shows up:

```
----- ide/Common ( GUI MT GCC SHARED LINUX POSIX ) (1 / 36)
ComDlg.cpp
Module.cpp
Util.cpp
In file included from /home/kubus/src/upp/uppsrc/Core/Core.h:244:0,
                 from /home/kubus/src/upp/uppsrc/Esc/Esc.h:4,
                 from /home/kubus/src/upp/uppsrc/ide/Core/Core.h:4,
                 from /home/kubus/src/upp/uppsrc/ide/Common/Common.h:4,
```

```
                 from /home/kubus/src/upp/uppsrc/ide/Common/ComDlg.cpp:1:
/home/kubus/src/upp/uppsrc/Core/Defs.h:794:27: error: expected class-name before '{' token
 class Exc : public String {
                           ^
/home/kubus/src/upp/uppsrc/Core/Defs.h:797:12: error: 'String' does not name a type
  Exc(const String& desc) : String(desc) {}
            ^
```

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