
Subject: Re: Skylark reaching "beta" status, first 6 chapters of tutorial available..
Posted by [dolik.rce](#) on Sun, 08 Jul 2012 13:50:17 GMT
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Hi Mirek,

Great work, the tutorials almost made me want to write a web-app

However, I found a little problem... Out of curiosity, I tried to run ab (Apache Benchmark) on Skylark based application, namely tutorial/Skylark04. It works great, but only sometimes. After a (variable) number of requests, the application fails with assert:Log:***** ASSERT FAILED: Assertion failed in /home/h/upp-production/uppsrc/Core/String.cpp, line 38
rc->refcount > 0

LastErrorMessage: No such file or directory

```
Backtrace:Upp::AssertFailed (file=0x83fdb2f "/home/h/upp-production/uppsrc/Core/String.cpp",
line=38, cond=0x84016ea "rc->refcount > 0") at /home/h/upp-production/uppsrc/Core/Util.cpp:110
Upp::String0::LFree (this=0xb426bf18) at /home/h/upp-production/uppsrc/Core/String.cpp:38
Upp::String0::Free (this=0xb426bf18) at /home/h/upp-production/uppsrc/Core/String.h:226
Upp::String0::~~String0 (this=0xb426bf18) at /home/h/upp-production/uppsrc/Core/String.h:303
Upp::AString<Upp::String0>::~~AString (this=0xb426bf18) at
/home/h/upp-production/uppsrc/Core/String.h:34
Upp::Moveable<Upp::String, Upp::AString<Upp::String0> >::~~Moveable (this=0xb426bf18) at
/home/h/upp-production/uppsrc/Core/Topt.h:195
Upp::String::~~String (this=0xb426bf18) at /home/h/upp-production/uppsrc/Core/String.h:306
Upp::String::~~String (this=0xb426bf18) at /home/h/upp-production/uppsrc/Core/String.h:306
Upp::RawHtmlText::~~RawHtmlText (this=0xb426bf18) at
/home/h/upp-production/uppsrc/Skylark/Witz.h:14
Upp::RawHtmlText::~~RawHtmlText (this=0xb426bf18) at
/home/h/upp-production/uppsrc/Skylark/Witz.h:14
Upp::RawValueRep<Upp::RawHtmlText>::~~RawValueRep (this=0xb426bf10) at
/home/h/upp-production/uppsrc/Core/Value.hpp:70
Upp::RawValueRep<Upp::RawHtmlText>::~~RawValueRep (this=0xb426bf10) at
/home/h/upp-production/uppsrc/Core/Value.hpp:70
Upp::RawValueRep<Upp::RawHtmlText>::~~RawValueRep (this=0xb426bf10) at
/home/h/upp-production/uppsrc/Core/Value.hpp:70
Upp::Value::Void::Release (this=0xb426bf10) at /home/h/upp-production/uppsrc/Core/Value.h:85
Upp::Value::RefRelease (this=0xb626fa68) at /home/h/upp-production/uppsrc/Core/Value.cpp:25
Upp::Value::~~Value (this=0xb626fa68) at /home/h/upp-production/uppsrc/Core/Value.h:239
Upp::Value::~~Value (this=0xb626fa68) at /home/h/upp-production/uppsrc/Core/Value.h:239
Upp::Compiler::ExeBlock::Eval (this=0xb41a4ef0, x=...) at
/home/h/upp-production/uppsrc/Skylark/Exe.cpp:386
Upp::Render (exe=..., r=0xb62706a0, var=...) at
/home/h/upp-production/uppsrc/Skylark/Exe.cpp:395
Upp::Http::RenderResult (this=0xb62706a0, template_name=0x83fbfaa "Skylark04/index") at
/home/h/upp-production/uppsrc/Skylark/Http.cpp:290
```

HomePage (http=...) at /home/h/upp-production/tutorial/Skylark04/main.cpp:7
Upp::Http::Dispatch (this=0xb62706a0, socket=...) at
/home/h/upp-production/uppsrc/Skylark/Dispatch.cpp:327
Upp::SkylarkApp::RunThread (this=0xbffff3d8) at
/home/h/upp-production/uppsrc/Skylark/App.cpp:67
Upp::SkylarkApp::WorkThread (this=0xbffff3d8) at
/home/h/upp-production/uppsrc/Skylark/App.cpp:32
Upp::SkylarkApp::ThreadRun (this=0xbffff3d8) at
/home/h/upp-production/uppsrc/Skylark/App.cpp:37
Upp::CallbackMethodAction<Upp::SkylarkApp, void (Upp::SkylarkApp::*)()>::Execute
(this=0xb7fda7a0) at /home/h/upp-production/uppsrc/Core/Callback0.h:24
Upp::Callback::Execute (this=0xb7fd81b0) at /home/h/upp-production/uppsrc/Core/Callback.cpp:7
Upp::Callback::operator() (this=0xb7fd81b0) at /home/h/upp-production/uppsrc/Core/Cbgen.h:32
Upp::sThreadRoutine (arg=0xb7fd81b0) at /home/h/upp-production/uppsrc/Core/Mt.cpp:75
start_thread () from /lib/libpthread.so.0
clone () from /lib/libc.so.6

I guess there is some concurrency issue... To reproduce, you can run `ab -n 1000 -c 20 http://127.0.0.1:8001/myapp`.

And BTW: there is a lot of DLOGs and DDUMPs scattered in the skylark code, so it is not directly compilable in release mode

Best regards,
Honza
