
Subject: Linking simple Skylark application under Windows

Posted by [lovmy](#) on Thu, 24 May 2018 11:35:25 GMT

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Hello,

I'm trying to compile simple Skylark application (without database) under Windows and i have this linking error:

```
----- Skylark ( MT GCC DEBUG DEBUG_FULL WIN32 ) ( 1 / 2 )
```

```
App.cpp
```

```
Preprocess.cpp
```

```
Compile.cpp
```

```
Optimize.cpp
```

```
Exe.cpp
```

```
Renderer.cpp
```

```
Sql.cpp
```

```
Http.cpp
```

```
Session.cpp
```

```
Dispatch.cpp
```

```
StdLib.icpp
```

```
Static.icpp
```

```
Skylark: 12 file(s) built in (0:17.68), 1473 msecs / file, duration = 19313 msecs, parallelization 100%
```

```
Creating library...
```

```
...
```

```
F:/upp/uppsrc/Skylark/Sql.cpp:12: undefined reference to `Upp::FieldOperator::FieldOperator()'
```

```
F:/upp/out/MyApps/Skylark/MINGW.Debug.Debug_Full.Mt.Noblitz\Skylark.a(Sql.o): In function `ZN3Upp4SqlRD1Ev':
```

```
F:/upp/uppsrc/Sql/Sqls.h:283: undefined reference to `Upp::Sql::~~Sql()'
```

```
F:/upp/out/MyApps/Skylark/MINGW.Debug.Debug_Full.Mt.Noblitz\Skylark.a(Sql.o): In function `ZNK3Upp6VectorINS_13SqlColumnIn
```

```
foEE3GetEi':
```

```
F:/upp/uppsrc/Core/Vcont.h:87: undefined reference to `Upp::AssertFailed(char const*, int, char const*)'
```

```
F:/upp/out/MyApps/Skylark/MINGW.Debug.Debug_Full.Mt.Noblitz\Skylark.a(Sql.o):Sql.cpp:(.rdata $_ZTVN3Upp17sFieldsToRendererE
```

```
[_ZTVN3Upp17sFieldsToRendererE]+0x8): undefined reference to
```

```
`Upp::FieldOperator::Field(Upp::Ref)'
```

```
F:/upp/out/MyApps/Skylark/MINGW.Debug.Debug_Full.Mt.Noblitz\Skylark.a(Sql.o):Sql.cpp:(.rdata $_ZTVN3Upp17sFieldsToRendererE
```

```
[_ZTVN3Upp17sFieldsToRendererE]+0x10): undefined reference to
```

```
`Upp::FieldOperator::Field(char const*, Upp::Ref, bool*
```

```
)'
```

```
F:/upp/out/MyApps/Skylark/MINGW.Debug.Debug_Full.Mt.Noblitz\Skylark.a(Sql.o):Sql.cpp:(.rdata $_ZTVN3Upp17sFieldsToRendererE
```

```
[_ZTVN3Upp17sFieldsToRendererE]+0x14): undefined reference to
```

```
`Upp::FieldOperator::Width(int)'
```

F:/upp/out/MyApps/Skylark/MINGW.Debug.Debug_Full.Mt.Noblitz\Skylark.a(Sql.o): In function
`ZN3Upp17sFieldsToRendererD1Ev':

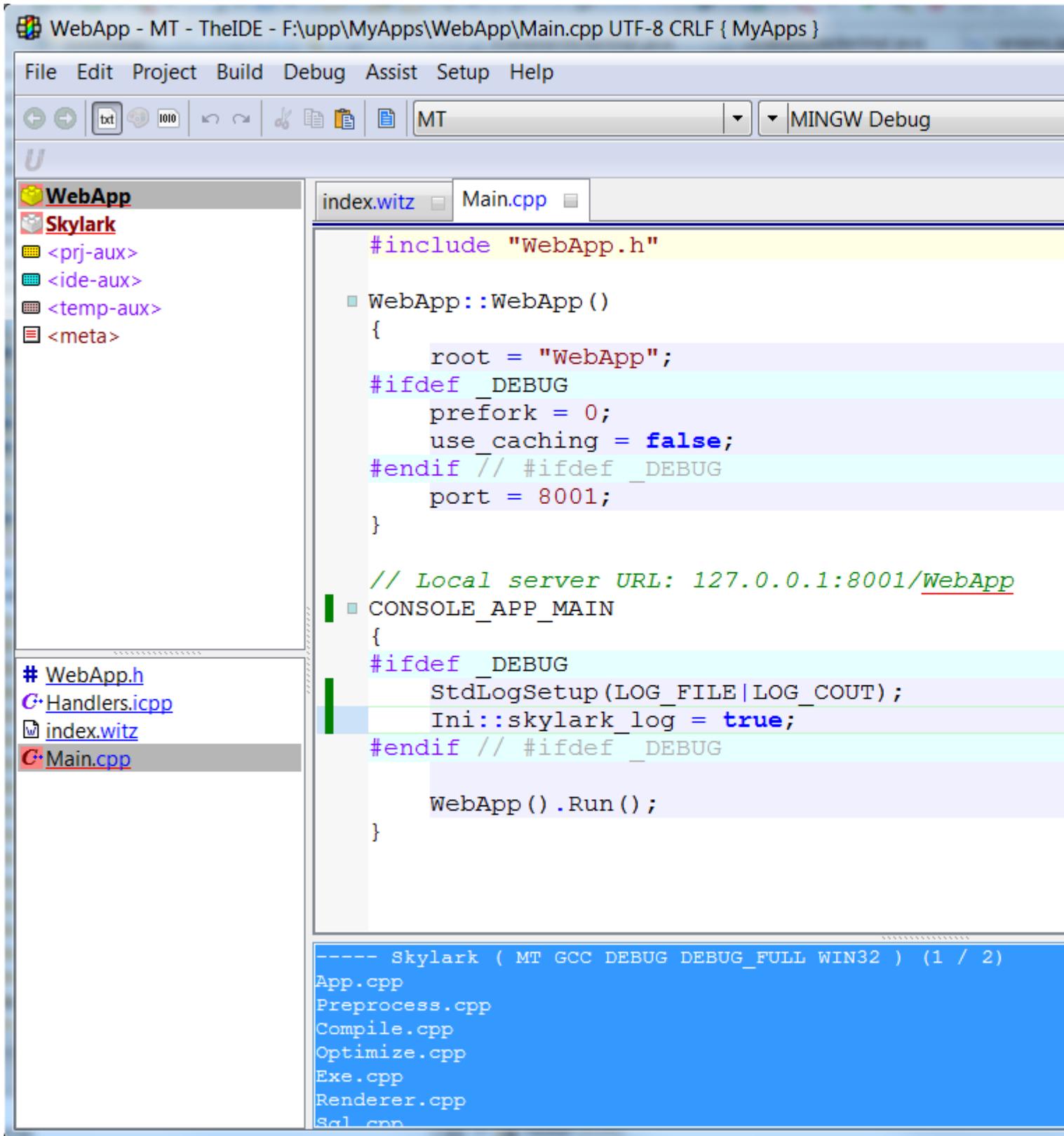
F:/upp/uppsrc/Skylark/Sql.cpp:5: undefined reference to `Upp::FieldOperator::~~FieldOperator()'
collect2.exe: error: ld returned 1 exit status

There were errors. (0:38.72)

Can you help me ?

File Attachments

1) [Skylark.png](#), downloaded 390 times



Subject: Re: Linking simple Skylark application under Windows

Posted by [Klugier](#) on Thu, 24 May 2018 12:17:19 GMT

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Hello,

It seems that you haven't linked Skylark related packages to your project. On my setup it looks as follow:

Sincerely,
Klugier

File Attachments

1) [MissingPackages.PNG](#), downloaded 656 times

- Test
- Core
- MySQL
- Skylark
- Sql
- plugin/z
- <prj-aux>
- <ide-aux>
- <temp-aux>
- <meta>

```
# Test.h
1 #ifndef _Test_Test_h
2 #define _Test_Test_h
3
4 #include <Skylark/Skylark.h>
5 #include <MySQL/MySQL.h>
6
7 using namespace Upp;
8
9 #define MODEL <Test/Model.sch>
10 #define SCHEMADIALECT <MySQL/MySQLSchema.h>
11 #include <Sql/sch_header.h>
12
13 class Test : public SkylarkApp {
14 public:
15     virtual void WorkThread();
16
17     typedef Test CLASSNAME;
18     Test();
19 };
20
21 #endif // #ifndef _Test_Test_h
22
```

- # Test.h
- Model.sch
- Handlers.icpp
- index.witz
- Main.cpp

Subject: Re: Linking simple Skylark application under Windows
 Posted by [lovmy](#) on Thu, 24 May 2018 13:27:50 GMT
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Yes, you have this configuration because you are select MySQL support when you have created the projet. I have select no database support and in this case i have not Core package added.

Subject: Re: Linking simple Skylark application under Windows

Posted by [lovmy](#) on Thu, 24 May 2018 14:51:00 GMT

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OK It's OK if i add Core and Sql package. But this package are not automatically added when i create Skylark project without database support.

Subject: Re: Linking simple Skylark application under Windows

Posted by [Klugier](#) on Thu, 24 May 2018 15:52:30 GMT

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Hello,

I will look today for the root cause of the problem and I will try to repair broken template.

Sincerely,
Klugier

Subject: Re: Linking simple Skylark application under Windows

Posted by [Klugier](#) on Thu, 24 May 2018 21:34:37 GMT

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Hello,

I tried to reproduce it by my own (by selecting "No database") and everything works as expected. Can you give me more details? I would also ask can you reproduce it on fresh Upp installation?

Sincerely,
Klugier
