Subject: Source code from github doesn't compile
Posted by Tess on Sun, 05 Nov 2017 17:31:44 GMT
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I'm trying to compile compile my app using Core package from official github and I'm getting next errors:

/home/tess/upp/uppsrc/Core/CoWork.h (159): error: 'result_of_t' is not a member of 'std'
/home/tess/upp/uppsrc/Core/CoWork.h (159): error: 'result_of_t' is not a member of 'std'
/home/tess/upp/uppsrc/Core/CoWork.h (159): error: 'decay_t' is not a member of 'std'
/home/tess/upp/uppsrc/Core/CoWork.h (159): error: template argument 1 is invalid
/home/tess/upp/uppsrc/Core/CoWork.h (159): error: expected ')' before '<' token
/home/tess/Documents/socketServer/server.cpp (41): error: use of deleted function 'Upp::WebSocket::WebSocket(const Upp::WebSocket&)'
/home/tess/upp/uppsrc/Core/Inet.h (173): error: 'Upp::TcpSocket::TcpSocket(const Upp::TcpSocket&)' is private
/home/tess/upp/uppsrc/Core/Inet.h (599): error: within this context
/home/tess/upp/uppsrc/Core/Inet.h (60): error: 'Upp::IpAddrInfo::IpAddrInfo(const Upp::IpAddrInfo&)' is private
/home/tess/upp/uppsrc/Core/Inet.h (599): error: within this context
/home/tess/upp/uppsrc/Core/Inet.h (599): error: use of deleted function 'constexpr Upp::BiVector<Upp::WebSocket::Input>::BiVector(const Upp::BiVect
or<Upp::WebSocket::Input>&)'
/home/tess/upp/uppsrc/Core/Inet.h (599): error: use of deleted function 'constexpr Upp::BiVector<Upp::String>::BiVector(const Upp::BiVector<Upp::Stri
ng>&)'

My compiler: gcc version 5.4.0

Current date: 05.11.2017

Subject: Re: Source code from github doesn't compile
Posted by mirek on Sun, 05 Nov 2017 18:34:35 GMT
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Most likely you need to change -std=c++11 to -std=c++14 in Build methods.

Subject: Re: Source code from github doesn't compile
Posted by Tess on Sun, 05 Nov 2017 22:36:19 GMT
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This helped only against CoWork.h errors. But errors in file Inet.h still exist.

Subject: Re: Source code from github doesn't compile
Posted by mirek on Sun, 05 Nov 2017 23:27:07 GMT
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Tess wrote on Sun, 05 November 2017 23:36This helped only against CoWork.h errors. But errors in file Inet.h still exist.

That looks like something triggered by

/home/tess/Documents/socketServer/server.cpp

what is around line 41 there?

(It looks like you are trying to do WebSocket copy?)

Subject: Re: Source code from github doesn't compile
Posted by Tess on Sun, 05 Nov 2017 23:42:36 GMT
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Yes. I'm trying to copy a websocket. Is there any way to pass websocket to another function? I tried to use pick function, but there were errors too.
It is compiled without errors, if I comment this line(41).

Subject: Re: Source code from github doesn't compile
Posted by mirek on Sun, 05 Nov 2017 23:55:48 GMT
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Tess wrote on Mon, 06 November 2017 00:42Yes. I'm trying to copy a websocket. Is there any way to pass websocket to another function? I tried to use pick function, but there were errors too.
It is compiled without errors, if I comment this line(41).

Depends on context, but often the best way is to use One.

E.g.

```
One<WebSocket> MakeMySocket()
{
   One<WebSocket> h;
   WebSocket& s = h.Create();
   // do things with s
   return h;
}
```

Also, instead of BiVector<WebSocket> use BiArray<WebSocket>