Subject: Re: [c++11] Problem with executing callback with Vector
Posted by Zbych on Sat, 30 May 2015 17:20:47 GMT
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mirek wrote on Fri, 29 May 2015 08:32
Passing Vector to callback...

Well, the trouble is you need copy and containers do not have "direct" copy.

Quick fix is IMO to use Callback1< WithDeepCopy< Vector<int> > >.

Another quick fix is to use Value[Array] instead.

If you insist on using Vector directly (both above options come at certain performance penalty), you need to reorganize the code so that you can pass reference or pointer.

Anyway, as long as you want to use PostCallback, I think your example is not correct, as PostCallback accepts simple Callback (no parameters). Perhaps you meant using something like THISBACK1 ?

If so, you could perhaps use lambda to overcome the problem...

Mirek

If you have time, please take a look at ClientHandler::OnProcessMessageReceived from ChromiumBrowser package:
https:// code.google.com/p/upp-mirror/source/browse/trunk/bazaar/Chro miumBrowser/ClientHandler.cpp

This function receives message from V8 rendering process - message name and a vector of values.
I want to convert CefValue to Upp::Value and pass it to GUI thread. The problem is that I don't want to store this vector somewhere and pass a reference since I don't know how long I should keep it. The easiest way is to pass a copy of vector to callback.
But maybe there is some other way. To be honest, I don't know what do you mean by Value[Array].

Regards,
Zbych