Subject: Emscripten - Compile your C++ code to run in any web browser
Posted by zsolt on Thu, 07 Feb 2013 18:16:11 GMT
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Update: Changed the title from "C++ -> JavaScript Compiler" to be more relevant.

There is a short Emscripten tutorial explaining what is this about.
Very promising project
Zsolt

The original opening post:

An extremely cool project

It's integration would be idealistic in U++ web development. We could write all the validation code
of forms only in C++ and run it not only on the server, but in the browser as well (compiled to
JavaScript).

They are able to compile and run complete Qt applications. Demos are online!

See the project (emscripten) on github.

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Subject: Re: C++ -> JavaScript Compiler
Posted by Didier on Sat, 09 Feb 2013 11:04:23 GMT
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This sounds really very interesting, thank's

I just tried supertux and it works fine ( after some downloading of coarse)

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Subject: Re: C++ -> JavaScript Compiler
Posted by lectus on Wed, 20 Feb 2013 22:39:25 GMT
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Very interesting!

Thanks for posting!

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Subject: Re: C++ -> JavaScript Compiler
Posted by zsolt on Fri, 22 Mar 2013 17:53:38 GMT
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Good news!

Mozilla's new asm.js optimization module for Firefox's JavaScript engine is now in Nightly builds and will ship with Firefox 22 in June.

This will allow very fast execution of e.g. C++ code compiled to this limited javascript language.

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Subject: Re: Emscripten - Compile your C++ code to run in any web browser
Posted by forlano on Fri, 22 Mar 2013 18:43:12 GMT
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zsolt wrote on Thu, 07 February 2013 19:16Update: Changed the title from "C++ -> JavaScript Compiler" to be more relevant.

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Hi Zsolt,

Thank you for this good news!
I've a question: can we compile our U++ application by using LLVM?
Does anybody tried to browserize its U++ GUI application?
It works in 32 bit mode and there is no need to upgrade computer as with flashcc tool.

Luigi

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