

---

Subject: Re: About WebAssembly

Posted by [Novo](#) on Mon, 08 Feb 2021 22:00:07 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

mirek wrote on Mon, 08 February 2021 14:49Novo wrote on Mon, 08 February 2021 19:35AFAIK, WebAssembly requires all data to be aligned by at least the word size. This can be a problem ...

Even char? Like you cannot do `char *s = ...; *s++?`

Probably, you can do that. Last time I had to deal with compiling C++ to Web was, probably, ~5 years ago. And that was Emscripten.

The only thing I remember for sure I had to properly align unaligned data structures, otherwise we were getting runtime exceptions. Part of the code had to be disabled because of problems with data alignment.

This was ~FIVE years ago. Life has changed since that time. And we have WebAssembly in addition to Emscripten now.

Another thing: compilation with Emscripten wasn't a problem at all.

P.S. I personally would prefer to use Turtle because of security reasons. WebAssembly can be easily decompiled, and in case of Turtle the only thing people can steal is a picture in a Web-browser. :roll:

---