
Leaning Technologies

Overview of WebAssembly tools

CheerpX - X86 virtualization in WebAssembly



- Runs unmodified 32-bit x86 binaries in the browser
- Implements Linux system calls on top of HTML5 APIs
- Built on standard Web technologies
- Supports graphical applications using Xorg
- High performance Just-In-Time compiler engine
- Free to use for personal and FOSS projects

Cheerp - C++ to WebAssembly/JavaScript



- Compile a single C++ codebase into Wasm and JS
- Full access to DOM and JS APIs from C++
- Export C++ classes for seamless use from JavaScript
- Optimized Wasm output without post-processing
- FOSS (Apache 2.0) and free to use for any purpose

CheerpJ - WebAssembly JVM for the browser



- Runs unmodified Java code in the browser
- Supports full applications, applets and libraries
- Works from JAR files, no source code required
- Supports reflection, threading, custom classloaders
- Supports AWT and Swing interface, including L&F
- Free to use for personal and FOSS projects

Get in touch!

<https://discord.leaningtech.com>