

# WebAssembly - The Next Big Platform

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*BABEL*



# JavaScript, what happened?

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# Loading time

1. Fetching.
2. Parsing source.
3. Compiling + optimizing  $\xrightarrow{\infty}$  reoptimizing.

# Performance

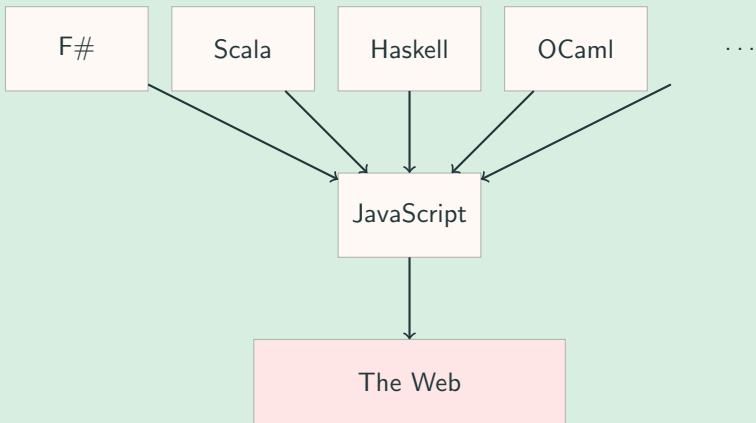
Dynamic and untyped.

Complex runtime.

Managed memory.

**Became a  
compilation target**

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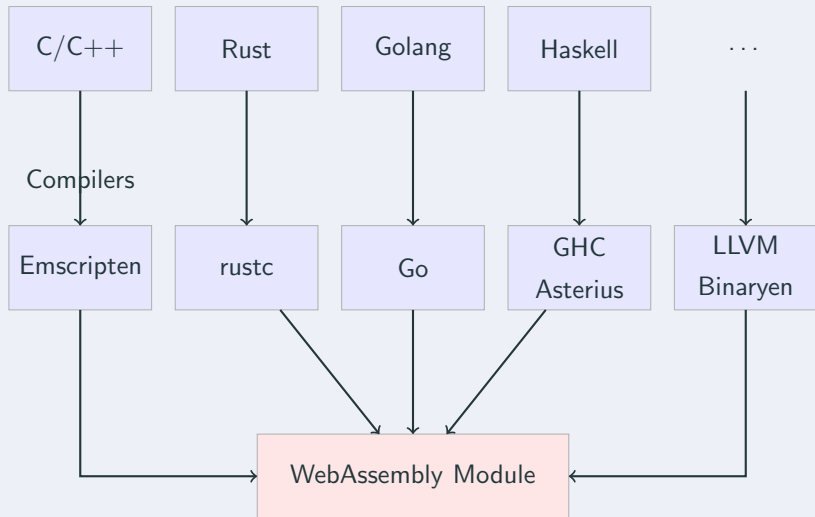


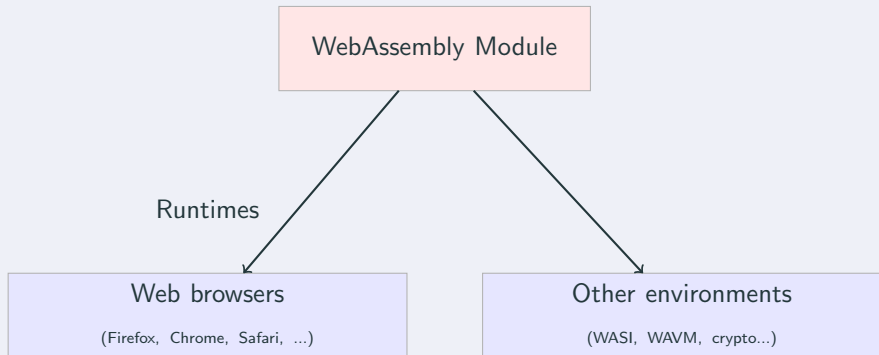
# WebAssembly, at the rescue?

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## Sources





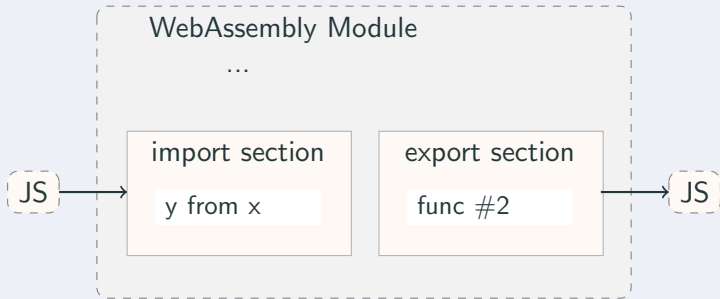
# What's even WebAssembly?

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WebAssembly is a  
portable,  
low-level,  
safe  
format.

# Inside the black box

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## Unpopular Opinions: WebAssembly edition.



Is webassemply killing javascript?

6m

Do you want to allow [redacted] message you? They won't know you've seen their request until you choose to accept. [Flag conversation](#)

Delete

Accept



No.

**WebAssembly all the things?**

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Probably not.

WebAssembly is designed to be a complement to, not replacement of, JavaScript.

**demo!**

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# Rust and WebAssembly

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**Wasm**   **JavaScript**

Kickstart your Rust, WebAssembly, and Webpack project!

187 commits

2 branches

4 releases

12 contributors

View license

Branch: master












New pull request

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|  |  |
|--|--|
|  xtuc Merge pull request #129 from rustwasm/dependabot/npm_and_yarn/webpack... <span>...</span> | Latest commit 4ad11f8 18 hours ago                               |
|  bin  | Changing to use spawnSync, also fixing #95 3 months ago          |
|  crate  | Remove the cfg-if dependency 27 days ago                         |
|  js   | feat: update usage 9 months ago                                  |
|  .gitignore   | Bump webpack to 4.23.1 6 months ago                              |
|  .travis.yml  | CI: Add Travis CI that ensures that we can build 6 months ago    |
|  LICENSE-APACHE   | Add more metadata to package.json and Cargo.toml 9 months ago    |
|  LICENSE-MIT  | Add more metadata to package.json and Cargo.toml 9 months ago    |
|  README.md  | Update README to point to new wasm-pack docs a month ago         |
|  index.html   | feat: add index.html template 9 months ago                       |
|  package-lock.json  | Build(dens-dev): Bump webpack-cli from 3.3.0 to 3.3.1 3 days ago |



**demo!**

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**Thanks!**

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