

Stak Scheme on WASM

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Overview

- Shibuya.lisp #114
- Rust on WASM
- Stak Scheme on WASM
- Demo

I went to [Shibuya.lisp](#)!

- [Shibuya.lisp Lisp meetup #114](#)
- A meetup to talk about Lisp
- Common Lisp, Clojure, Scheme, etc.
- I talked about the overview of Stak Scheme and how it works.

Rust on WASM

- [wasm-pack](#)
 - A command to deploy a npm package in WASM
- [wasm-bindgen](#)
 - A crate to generate bindings from Rust in WASM to JavaScript (TypeScript)

Stak on WASM

- [@raviqqe/stak](#)
- Exposes a few functions.
 - `compile` : Compiles Scheme source codes into VM bytecodes.
 - `interpret` : Interprets VM bytecodes.
 - `decode` : Decodes bytecodes into their text format.

Demo

Program

```
(import (scheme base) (scheme read) (scheme write))  
(display "Hello, world!")
```



Compile



Interpret

stdin

stdout