

Exercises

Exercise 1 (Ada)

Using `Ada.Streams.Stream_IO` and representation clauses, create a program that is able to read and display an ELF header.

- You need to parse the fields up to the `e_machine` field.
- Use this link as a reference
- Use enum mapping for enums
- You can use the hexadecimal notation if you need
- Check this link for a reference about how to deserialize from a file to a data structure.

Exercise 2 (Rust)

Make a variadic macro that evaluates and print every expression it is passed as an argument.

Exercise 3 (Rust)

Enhance the `ok_or_return` macro to evaluate each expression in order.

Exercise 4 (Rust) - BONUS

Using this pattern, create a macro that takes s-expressions as an input, and outputs an expression for your expression evaluator from the previous class.