Progress report in Pen programming language

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Agenda

- Progress report
- Next plans

Progress report

- Trampoline function calls in Rust FFI (#795)
 - No more stack overflow in Rust FFi.
- Validate unused error values (#799)
 - Just like Rust's unused Result value validation
- Fix positions in error messages (#805)
 - Is it better to show "source" positions of types too?
- Global thunks (#773)
 - Optimization to cache calculation of "global variables"

Next plans

- Built-in map type (#634)
 - Language design work is mostly done.
- Upgrade to LLVM 14
- Call trace for debugging (#618)
- Serialization/deserialization
 - JSON library (#396)

Summary

- Progress
 - Stabilizing Rust FFI...
- Future plans
 - Built-in map type
 - Call trace for debugging