STELLA: Status Update

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Overall State

- Basics are done
- Interesting stuff is not
  - No OO, no structs
- Can run simple, unstructured benchmark
  - Fast, too
- ~2k SLOC
  - 600 SLOC tests

llvmpy and LLVM

- Error messages are often bad!
- Sometimes on errors LLVM simply calls abort()

- Registers vs stack locations

SSA Issues

```
while obs_i < K and t < rununtiltime:
    if leg < substrate:
        R = koffp
    else:
        R = kcat
    t += exp(R)
```

- Must be present for static typing
  - Important for semantics, too

(So far) no copying back from STELLA