

**Once your team completes a milestone, please post a short comment underneath your Questbook application with the milestone report google doc linked & send an email to pruitt@entropyadvisors.com or dm to @pruitt_m on Telegram to notify the committee that the deliverables have been completed.*

Note: This completion report is for milestone 3, not milestone 2. We still have some difficulties to resolve regarding milestone 2.

Application: Add Stylus as a Solang compiler target

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Milestone: 03 Adapt Solang to support the remaining Stylus imports

Funding Amount Unlocked: 110000 ARB

Date Submitted: 10/09/2025

Summary of the Deliverables: We have implemented support for 11 more Stylus imports.

Deliverables & Proof of Work: All of our work appears in the main branch of our Solang fork at: <https://github.com/trail-of-forks/solang>

In particular, the currently supported imports are listed here:

<https://github.com/trail-of-forks/solang/blob/b16730889de77685f1e5d5c2d8822b36909c87f5/src/emit/stylus/mod.rs#L89-L128>

Our Milestone 3 KPI was: A solidity contract that leverages the phase 3 imports, compiles, and works.

Such a contract appears here:

https://github.com/trail-of-forks/solang/blob/b16730889de77685f1e5d5c2d8822b36909c87f5/integration/stylus/milestone_3.sol

The following steps can be used to test the contract. They are based on:

<https://github.com/trail-of-forks/solang/blob/b16730889de77685f1e5d5c2d8822b36909c87f5/.github/workflows/stylus.yml#L41-L65>

1. Install [cargo-stylus](#), [cast](#), [nitro-devnode](#), and [Solana's LLVM 16.0 fork](#).
2. In one terminal, run the following command:

```
run-dev-node.sh
```

3. In another terminal, run the following command:

```
cargo test --test stylus -- --nocapture
```

4. If the test completes successfully, you should see the following:

```
test stylus_tests::milestone_3::milestone_3 ... ok
```

Challenges and/or Adjustments to Next Steps: *We are having trouble getting create1 and create2 to work. These are the only imports remaining for the second milestone. We do not at present know why they are not working, but we are actively trying to determine the cause.*

Do you attest that all the provided information is accurate and the deliverables meet the expectations set at the onset of the grant agreement. Yes