Hi,

I'm having trouble debugging a secret contract function I created based off the examples in Adi's guide.

This function works as written, but as mentioned in the TODOs, I'm running into a couple of issues when generating a UUID and saving state:

1. I'm unable to use the Uuid::new_v4().to_hyphenated().to_string()

to create a new UUID (here). If I use this it compiles successfully, but this is the output I see from the discovery network when running discovery test

:

p2p_1 | [Sun Jul 21 2019 15:43:21 GMT+0000 (Coordinated Universal Time)] DEBUG [VERIFY_NEW_TASK] successful verification of task 0x69f69e42a12340af2b7ee8ce049ed33386720e902246229f92057611d174632f p2p_1 | [Sun Jul 21 2019 15:43:21 GMT+0000 (Coordinated Universal Time)] DEBUG [onVerifyTask] saved to db task 0x69f69e42a12340af2b7ee8ce049ed33386720e902246229f92057611d174632f contract_1 | eth_call core_1 | Error in execution of smart contract function: Error in execution of WASM code: Instantiation: Module **wbindgen_placeholder** not found p2p_1 | [Sun Jul 21 2019 15:43:21 GMT+0000 (Coordinated Universal Time)] INFO [TASK_FINISHED] status = [FAILED] id: 0x69f69e42a12340af2b7ee8ce049ed33386720e902246229f92057611d174632f p2p_1 | [Sun Jul 21 2019 15:43:21 GMT+0000 (Coordinated Universal Time)] INFO [COMMIT_RECEIPT] success for task 0x69f69e42a12340af2b7ee8ce049ed33386720e902246229f92057611d174632f receipt = [object Promise] p2p_1 | [Sun Jul 21 2019 15:43:21 GMT+0000 (Coordinated Universal Time)] DEBUG published [/taskresults/0.1] contract_1 | eth_gasPrice contract_1 | eth_sendTransaction

1. I'm unable to write state in the last step of the function (here). Again, this compiles successfully if I include it, but I'm running into the following error when doing discovery test

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contract_1 | eth_blockNumber contract_1 | eth_call contract_1 | eth_call p2p_1 | [Sat Jul 20 2019 23:50:18 GMT+0000 (Coordinated Universal Time)] DEBUG [VERIFY_NEW_TASK] successful verification of task 0x446e739babcd90ddd7f466a78961ca31fa411e14de57f81b359f3cd5d61ecf43 p2p_1 | [Sat Jul 20 2019 23:50:18 GMT+0000 (Coordinated Universal Time)] DEBUG [onVerifyTask] saved to db task 0x446e739babcd90ddd7f466a78961ca31fa411e14de57f81b359f3cd5d61ecf43 contract_1 | eth_blockNumber core_1 | Error in execution of smart contract function: Error in execution of WASM code: unreachable p2p_1 | [Sat Jul 20 2019 23:50:19 GMT+0000 (Coordinated Universal Time)] INFO [TASK_FINISHED] status = [FAILED] id: 0x446e739babcd90ddd7f466a78961ca31fa411e14de57f81b359f3cd5d61ecf43 contract_1 | eth_gasPrice p2p_1 | [Sat Jul 20 2019 23:50:19 GMT+0000 (Coordinated Universal Time)] INFO [COMMIT_RECEIPT] success for task 0x446e739babcd90ddd7f466a78961ca31fa411e14de57f81b359f3cd5d61ecf43 receipt = [object Promise] p2p_1 | [Sat Jul 20 2019 23:50:19 GMT+0000 (Coordinated Universal Time)] DEBUG published [/taskresults/0.1] contract_1 | eth_sendTransaction contract_1 | eth_call

I'm not sure where to look for further debug information or stack traces. From searching around for similar error messages to Error in execution of smart contract function: Error in execution of WASM code: unreachable

, I found out about [console_error_panic_hook

](https://libraries.io/cargo/console_error_panic_hook). However I can't seem to install this because it requires wasm-bindgen

, and I'm not able to install that due to a dependency issue when installing wasm-bindgen-cli-support

. I'd appreciate any advice on how to go about debugging runtime execution errors in the Rust secret contracts.

Please let me know if I can provide further clarification or more information that would save time when addressing these issues.