

Debugging

On this section you can learn how to debug your Aztec.nr smart contracts and common errors that you may run into.

Logging in Aztec.nr

You can log statements from Aztec.nr contracts that will show ups in the Sandbox.

Import debug_log Import the [debug_log](#) dependency from Aztec oracles:

use

dep :: aztec :: oracle :: debug_log :: { debug_log } ; Write log

Writedebug_log() in the appropriate place in your contract.

debug_log ("here") ; Other methods for logging include:

debug_log_format() : for logging Field values along arbitrary strings.

debug_log_format ("get_2(slot:{0}) =>\n\t0:{1}\n\t1:{2}" ,

[storage_slot , note0_hash , note1_hash]) ; debug_log_field() : for logging Fields.

debug_log_field (my_field) ; debug_log_array() : for logging array types.

debug_log_array (my_array) ; Start Sandbox in debug mode

Prepend the command to start the sandbox with `DEBUG=aztec:*` to log everything or `DEBUG=aztec:simulator:oracle` to only log your `debug_log()` statements.

Using the docker-compose.yml setup

`cd ~/aztec &&`

DEBUG

`aztec:*` docker-compose up Alternatively you can update the `DEBUG` environment variable in `docker-compose.yml` and start the sandbox normally.

environment : DEBUG : aztec : [*## Aztec.nr Errors This section contains some errors that you may encounter when writin contracts in Aztec.nr. If you run into an error that is not listed here, please create an issue. ## Aztec Sandbox Errors This a list of errors you may encounter when using Aztec Sandbox and an explanation of each of them. Edit this page](#)

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