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# ecdsa\_ptr points to reference in Account lib's execute #386

✓ Closed andrew-fleming opened this issue on Jul 9 · 0 comments · Fixed by #387

Milestone [current](#)

andrew-fleming commented on Jul 9 · edited

Collaborator

Transactions on goerli fail with the following error message:

● The transaction was rejected but no contract address was identified in the error message.

Error message:

Error at pc=0:133:

Got an exception while executing a hint.

Cairo traceback (most recent call last):

Unknown location (pc=0:746)

Unknown location (pc=0:682)

Error message: Account: invalid signature

Unknown location (pc=0:347)

Unknown location (pc=0:321)

Traceback (most recent call last):

File "<hint14>", line 1, in <module>

File "/app/src/starkware/starknet/services/batcher/starknet\_batcher\_venv-site/starkware/cairo/lang/builtins/signature/signature\_builtin\_runner.py", line 94, in add\_signature

), f"Signature hint must point to the signature builtin segment, not {addr}."

AssertionError: Signature hint must point to the signature builtin segment, not 14:0.

Neither the StarkNet test environment nor the devnet raise this error.

The error stems from here:

<https://github.com/OpenZeppelin/cairo-contracts/blob/release-0.2.0/src/openzeppelin/account/library.cairo#L203>

```
let (local ecdsa_ptr : SignatureBuiltin*) = alloc()
```

The Signature hint points to this reference (which the [SignatureBuiltinRunner](#) does not like). To resolve this, I suggest adding the `ecdsa_ptr: SignatureBuiltin*` as an implicit arg to `execute`, `eth_execute`, and `_unsafe_execute` in the Account library and EthAccount's `__execute__` as well.

Another solution would be to isolate the functionality of both accounts (thus removing `_unsafe_execute`), so we don't have to pass the implicit `ecdsa_ptr` in the EthAccount methods.



**andrew-fleming** mentioned this issue on Jul 9

**Fix account signature #387**

Merged

**martriay** added this to the **next** milestone on Jul 11

**andrew-fleming** closed this as completed in [#387](#) on Jul 12

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**felipetavares** mentioned this issue on Jul 14

**v0.2.1 immutable/imx-starknet#14**

Closed

#### Assignees

No one assigned

#### Labels

None yet

#### Projects



Cairo team




Archived in project

#### Milestone

current

## Development

Successfully merging a pull request may close this issue.

 **Fix account signature**

andrew-fleming/cairo-contracts

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2 participants

