

Transaction manager webhook

Link:

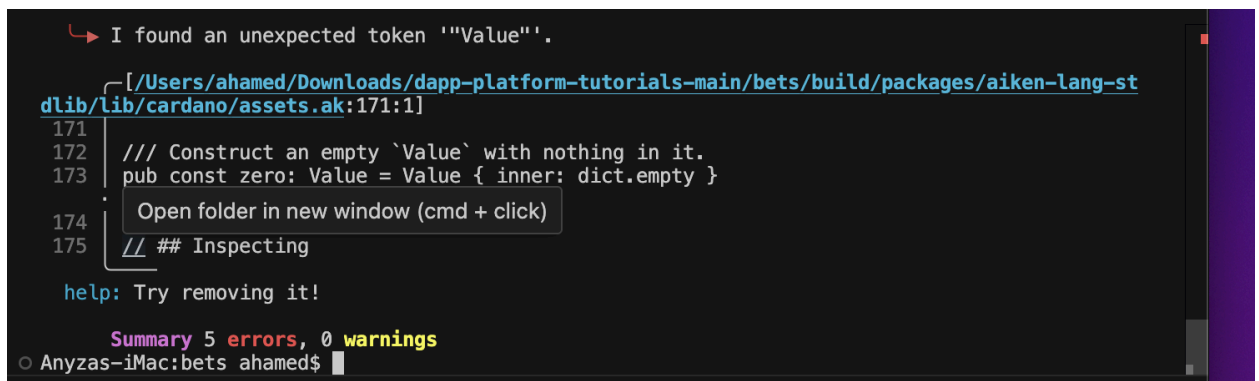
<https://github.com/maestro-org/dapp-platform-tutorials/tree/main/bets>

Prerequisites Poetry Ngrok

BETS

An Aiken port of the Plutus contract in the atlas documentation Aiken build Aiken check The new validators for betting functions

Errors:

A screenshot of a terminal window showing an Aiken compiler error. The error message is "I found an unexpected token 'Value'." and it points to line 171 in the file "/Users/ahamed/Downloads/dapp-platform-tutorials-main/bets/build/packages/aiken-lang-standardlib/lib/cardano/assets.ak:171:1". The code snippet shows a comment on line 172: "/// Construct an empty `Value` with nothing in it." followed by a function definition on line 173: "pub const zero: Value = Value { inner: dict.empty }". Line 174 has a comment "Open folder in new window (cmd + click)" and line 175 has a comment "// ## Inspecting". Below the code, there is a "help: Try removing it!" message. At the bottom, a summary states "Summary 5 errors, 0 warnings" and the prompt "Anyzas-iMac:bets ahamed\$" is visible.

```
I found an unexpected token "Value".
[ /Users/ahamed/Downloads/dapp-platform-tutorials-main/bets/build/packages/aiken-lang-standardlib/lib/cardano/assets.ak:171:1 ]
171
172   /// Construct an empty `Value` with nothing in it.
173   pub const zero: Value = Value { inner: dict.empty }
174
175   // ## Inspecting
help: Try removing it!

Summary 5 errors, 0 warnings
Anyzas-iMac:bets ahamed$
```

Solved:

AIKEN PLAYGROUND
v1.1.0-f0be01d

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```

1 use aikens/collection/list
2 use aikens/fuzz
3 use cardano/assets
4 use cardano/transaction.{Transaction}
5
6 validator main {
7   mint(redeemer: List<Int>, policy_id: ByteArray, self: Transaction) {
8     trace @"minting": policy_id, @"with", redeemer
9
10    let quantities =
11      self.mint
12        >> assets.flatten
13        >> list.map(fn(t) { t.3rd })
14
15    (quicksort(redeemer) == quantities)?
16  }
17
18  else(_) {
19    fail
20  }
21 }
22
23 fn quicksort(xs: List<Int>) -> List<Int> {
24   when xs is {
25     [] =>
26       []
27   [p, ..tail] => {
28     let before =
29       tail
30         >> list.filter(fn(x) { x < p })
31         >> quicksort
32     let after =
33       tail
34         >> list.filter(fn(x) { x >= p })
35         >> quicksort
36     list.concat(before, [p, ..after])
37   }
38 }
39
40 test quicksort_0() {
41   quicksort([]) == []
42 }
43
44 test quicksort_1() {
45   quicksort([3, 2, 1, 4]) == [1, 2, 3, 4]
46 }
47
48 test quicksort_2() {
49   quicksort([1, 2, 3, 4]) == [1, 2, 3, 4]
50 }
```

Validators 1

main 5904e40101003232323232323232325333002323232323253330073370e900018049baa0011323232

Tests 4

Result	Name	Hash	Size
PASS	quicksort_0	1942210	4965
PASS	quicksort_1	25263001	95725
PASS	quicksort_2	27844470	106989
PASS	quicksort_prop		30

COVERAGE

- 90% non-empty
- 10% empty

Errors 0

Warnings 0

Available modules

- aiken-lang/prelude
- aiken-lang/stdlib (v2.0.0)
- aiken-lang/fuzz (v2.0.0)