

## Solidity Metrics for pooltogether

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### Scope

This section lists files that are in scope for the metrics report.

- **Project:** pooltogether-
- **Included Files:**
  - code/pool/contracts/prize-strategy/PeriodicPrizeStrategyListener.sol
  - code/pool/contracts/prize-strategy/PeriodicPrizeStrategy.sol
  - code/pool/contracts/prize-strategy/multiple-winners/\*\*/\*sol
  - code/pool/contracts/builders/MultipleWinnersBuilder.sol
  - code/migrate-v3/contracts/MigrateV2ToV3.sol
  - code/loot-box/contracts/LootBoxController.sol
  - code/loot-box/contracts/LootBox.sol
- **Excluded Paths:**
  - \*\*/node\_modules
  - \*\*/mock\*
  - \*\*/test\*
  - \*\*/migrations
  - \*\*/Migrations.sol
- **File Limit:** 2000
  - **Exclude File list Limit:** 2000
- **Workspace Repository:** unknown ( master @ 70ced5839969e8df0fffac73391d8571c5e0b4f0 )

### Source Units in Scope

Source Units Analyzed: 8  
 Source Units in Scope: 8 (100%)

Type	File	Logic Contracts	Interfaces	Lines	nSLOC	Comment Lines	Complex. Score	Capabilities
	code/pool/contracts/prize-strategy/PeriodicPrizeStrategy.sol	1	————	592	551	105	297	————
	code/pool/contracts/prize-strategy/PeriodicPrizeStrategyListener.sol	————	1	8	7	2	3	————
	code/pool/contracts/prize-strategy/multiple-winners/MultipleWinnersProxyFactory.sol	1	————	21	21	2	22	
	code/pool/contracts/prize-strategy/multiple-winners/MultipleWinners.sol	1	————	74	64	4	48	————
	code/pool/contracts/builders/MultipleWinnersBuilder.sol	1	————	47	45	2	24	

Type	File	Logic Contracts	Interfaces	Lines	nSLOC	Comment Lines	Complex. Score	Capabilities
	code/migrate-v3/contracts/MigrateV2ToV3.sol	1	—	98	91	2	70	
	code/loot-box/contracts/LootBoxController.sol	1	—	101	91	35	48	
	code/loot-box/contracts/LootBox.sol	1	—	139	134	39	70	
  	<b>Totals</b>	<b>7</b>	<b>1</b>	<b>1080</b>	<b>1004</b>	<b>191</b>	<b>582</b>	

## Out of Scope

### Excluded Source Units

Source Units Excluded:

[+]

### Duplicate Source Units

Duplicate Source Units Excluded:

[+]

### Doppelganger Contracts

Doppelganger Contracts:

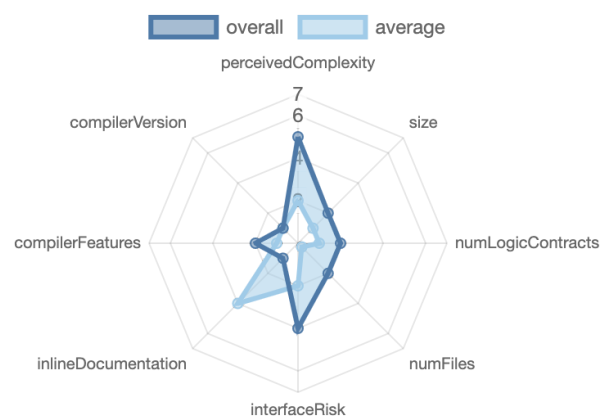
[+]

## Report

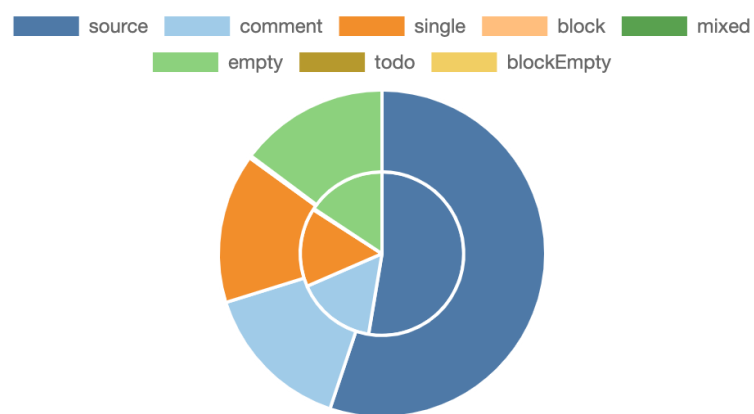
### Overview

The analysis finished with  errors and  duplicate files.

### Risk



### Source Lines (sloc vs. nsloc)



### Inline Documentation

- **Comment-to-Source Ratio:** On average there are  code lines per comment (lower=better).
- **ToDo's:**

### Components

Contracts	Libraries	Interfaces	Abstract
6	0	1	1

### Exposed Functions

This section lists functions that are explicitly declared public or payable. Please note that getter methods for public stateVars are not included.

Public	Payable
53	0

External	Internal	Private	Pure	View

External	Internal	Private	Pure	View
41	70	0	1	28

### StateVariables

Total	Public
27	16

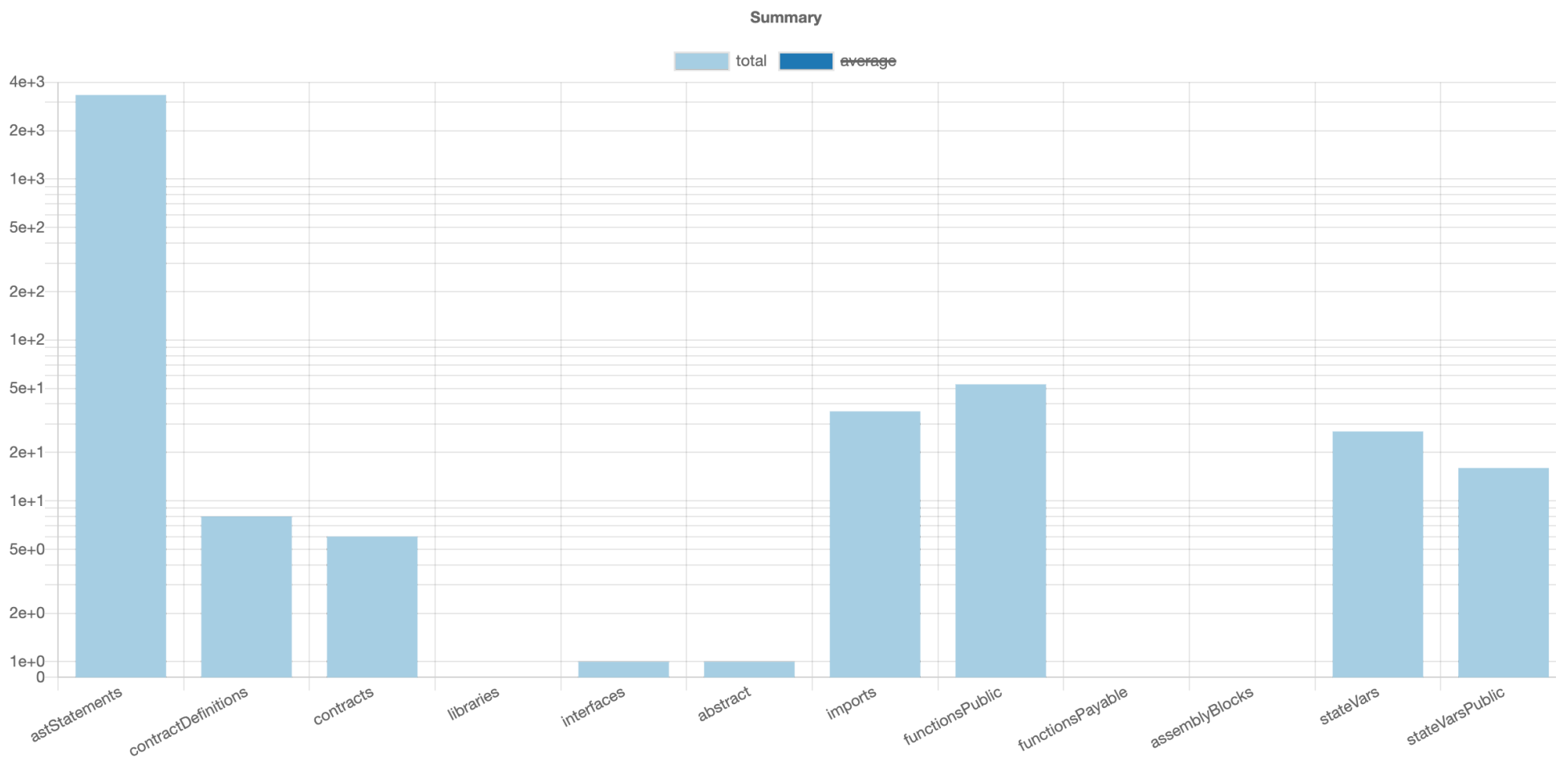
### Capabilities

Solidity Versions observed	Experimental Features	Can Receive Funds	Uses Assembly	Has Destroyable Contracts
>=0.6.0 <0.7.0 ^0.6.12	ABIEncoderV2	no	no (0 asm blocks)	yes

Transfers ETH	Low-Level Calls	DelegateCall	Uses Hash Functions	ECRecover	New/Create/Create2
yes	no	no	yes	no	yes → NewContract:MultipleWinners → NewContract:LootBox

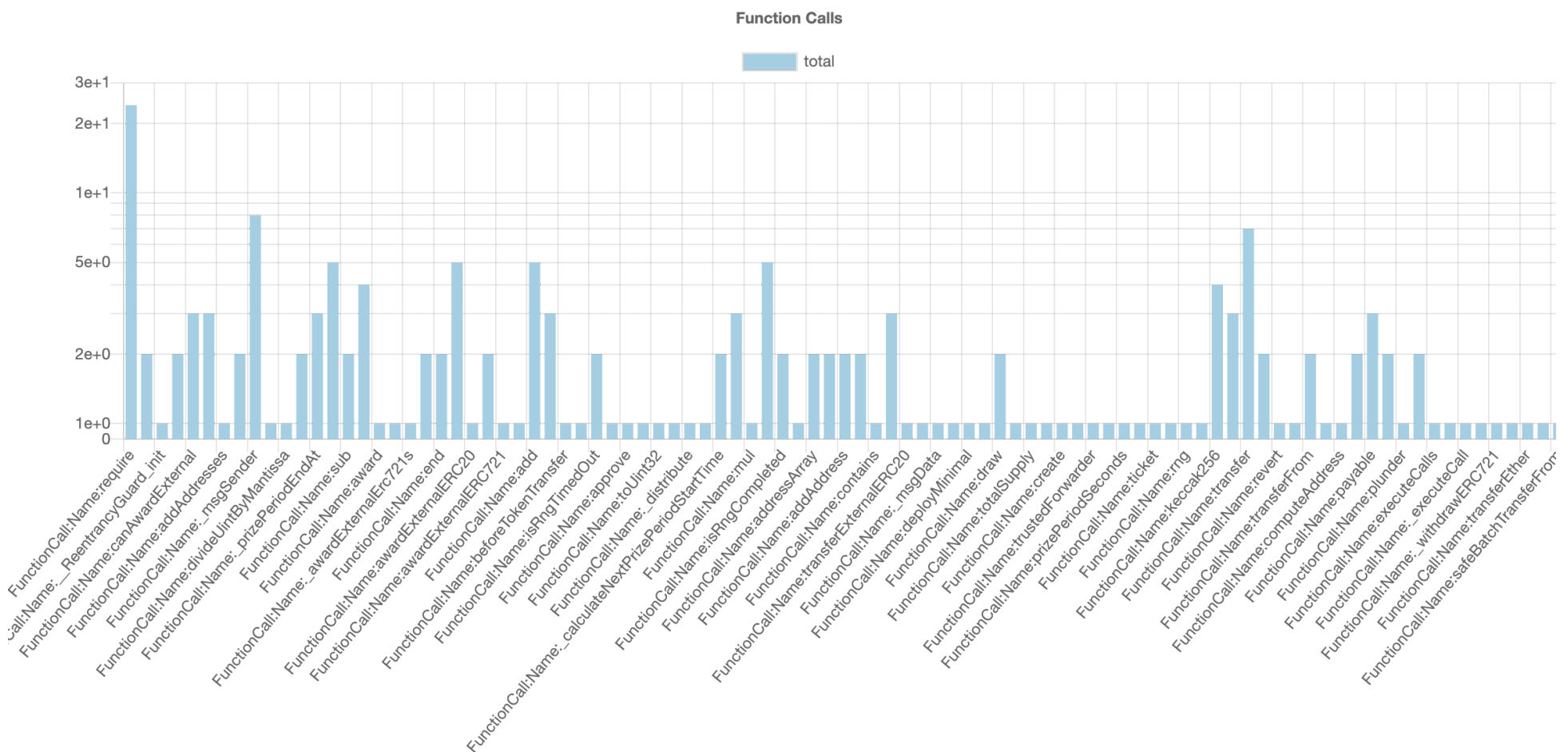
### Totals

#### Summary

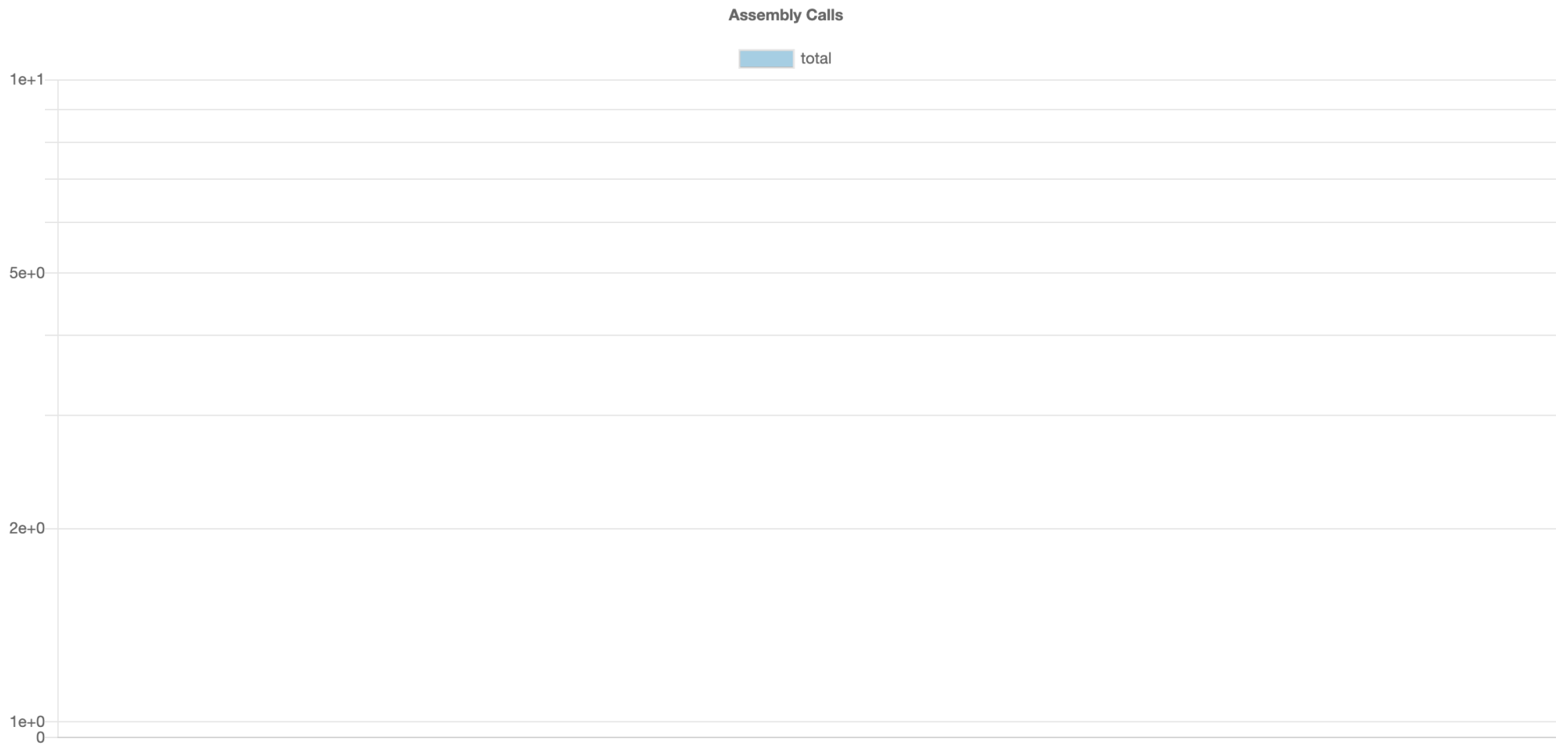


### AST Node Statistics

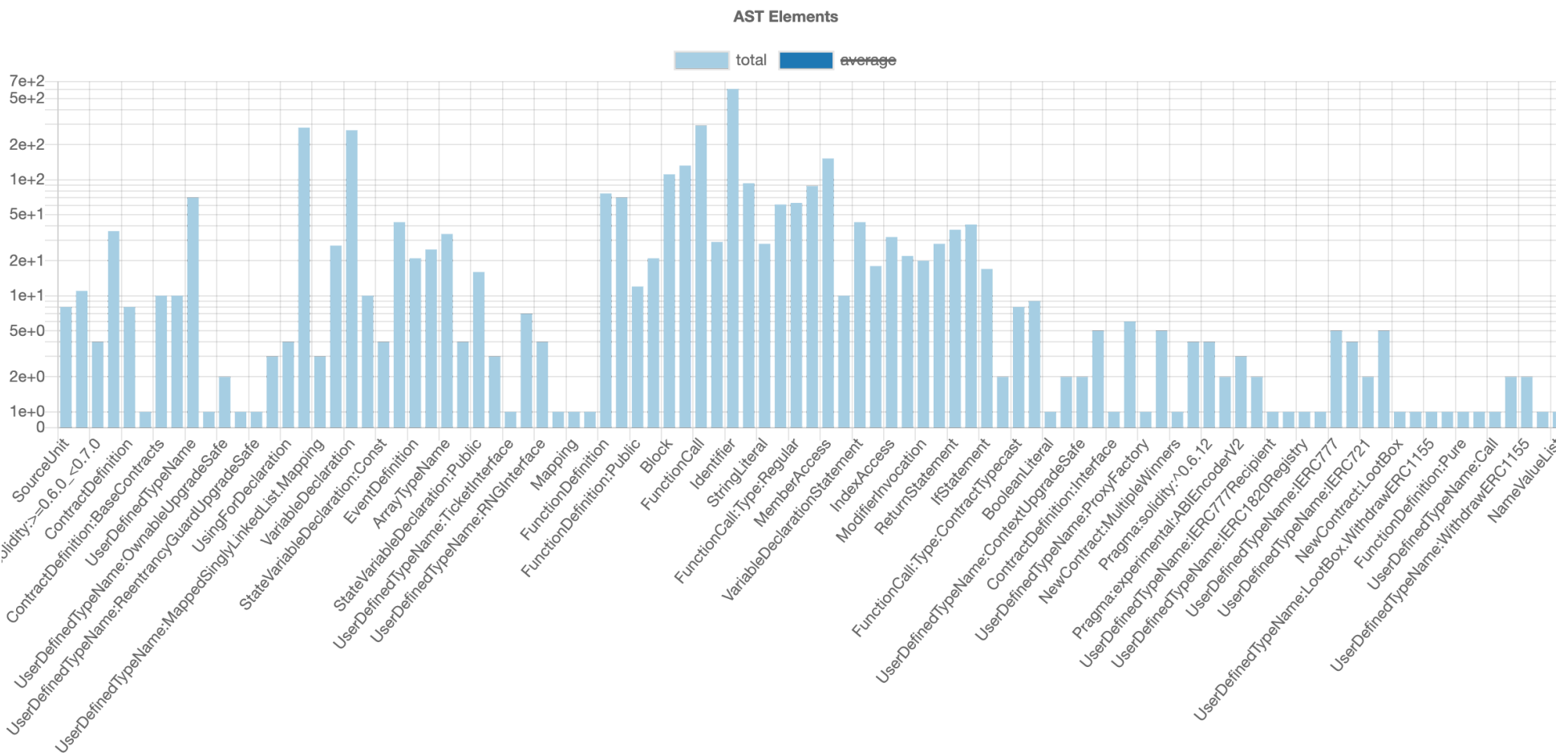
#### Function Calls



### Assembly Calls



### AST Total



### Inheritance Graph

[+]

### CallGraph

[+]

### Contract Summary

[+]

Thinking about smart contract security? We can provide training, ongoing advice, and smart contract auditing. Contact us.