Introduction

Documentation for https://github.com/ConsenSys/Scribble Scribble is a runtime verification tool for Solidity that transforms annotations in theScribble specification language into concrete assertions that check the specification. In other words, Scribble transforms existing contracts into contracts with equivalent behaviour, except that they also check properties. With theseinstrumented contracts, you can use testing, fuzzing or symbolic execution (for example using Mythril or the MythX service) to check if your properties can be violated.

Scribble overview Scribble is currently in beta, and both the tool and the language are still changing and under active development.

Tutorials

To get started quickly check out these tutorials:

- In-place testing with Scribble
- Property Checking with Scribble and MythX
- Property Checking with Scribble and Mythril
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Documentation

This documentation has two categories:Tool andLanguage .

To get started using the Scribble CLI (Tool), check out theInstallation andCLI Usage pages.

Also be sure to check out the page onarming and disarming , which explains how to use Scribble to do "in place" instrumentation. For a deep dive into instrumentation, and to debug any issues, check out theInstrumented Code andDebugging pages.

To get started learning about the Scribble specificationlanguage , starthere .

If you encounter any issues feel free to find us in the #scribble-spec-langauge channel of theMythX Discord Server , or file anissue on GitHub.

Code

You can find the code on github -https://github.com/ConsenSys/scribble .

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