Similarity Hashing of EVM Bytecode

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1   Introduction

Fast clustering of EVM-Bytecodes by similar functionality, via similarity hashing. Specifically, adapt `ssdeep` and compare to other similarity hashing methods, and then evaluate the clustering based on human matched codes. To accomplish this task I worte a set of reusable python utilities.

2   Binary-Hashing Related Work

This is how a cite[1] looks like.

3   What is the point of this Thesis

What hashing and pre-processing methods are fpp for contract clustering.

4 Where did I start

5 Where did I find the methods

6 What did not work

7 What did I learn

8 Data Sets

9 Pre-Processing

10 Hashing

11 Runs

References

[1] Andrew H Sung et al. "Static analyzer of vicious executables (save)". In: *20th Annual Computer Security Applications Conference*. IEEE. 2004, pp. 326–334.