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Abstract. This assignment represents about exploiting WebGraph [**?**], one of graph frameworks, for discovering Bitcoin user's graph through some statistic tasks and experiments including degree distributions, finding Strongly Connected Components and a random Bread First Search.

1 Introduction

2 Block chain

3 Selfish miner and private block chain

4 The simulation

5 Experiments

6 Conclusion

The assignment exploits WebGraph framework to solve some statistics tasks and experiments from the paper [**?**]. With these works, the framework shows their useful techniques and tools which simply exploits large graphs.

7 Ackowledgements

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