A tool for funding Open Software Ecosystems using Social Network Analysis

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Abstract

I would say some things here but not more than that.

1 Introduction

2 Background Information

Bit of how FOSS works(with diagram) and the paper about it i found, bit about social network analysis and the metrics we will see.

3 Related Work

4 Methodology

4.1 Data Collection and Processing

What was the data collection process? + flow diagram here

4.2 Social Network Graph Model

Edge Weights, Edge Metadata, Nodes/Directed Edges Meaning, Relation Types + db diagram here

5 Results

+ data plots here

1. In-Degree Distribution per package and each framework.

2. Out-Degree Distribution per package and each framework.

3. Discussion of the infamous Bus Factor and how it relates to graph metrics

4. 1-Percolation Threshold for each framework(for packages it might not make sense.)

5. Participation Coefficient

6. Vertex Connectivity

7. Clustering Coefficients

8. Node Strength

9. Entropy and Skewness

6 Conclusion

Hello world