OSI Board Report on ClearlyDefined

Monthly report in preparation for board meeting April 11, 2019

Summary

We have had a large influx of requests to scan new components from across all the package managers. We anticipate expanding our corpus of data by many orders of magnitude in the next month. We also received a large monetary donation for the project and anticipate being able to expand our contracting resources on the project in the coming months.

Resources

The OSI received $250,000 for ClearlyDefined this month. After the 10% fiscal sponsor fee, the $225,000 left will be used for contracting resources for the software over the course of the next year. This sets ClearlyDefined up well financially for a while.

Compute resources have continued to be donated by Microsoft, Google, and Amazon, and have ramped up significantly in the last month to accommodate the significantly increased harvesting and scanning we are doing.

Technology

We’ve improved the website significantly and added filters and sorts to the Browse page. We’ve also improved the service and crawler after the increased load on harvesting and scanning revealed some previously undiscovered bugs.

We’ve gone from ~500k definitions to almost 2 million in the last few weeks, and anticipate continuing to harvest and scan until we are near or exceed 19 million definitions in all.

Community

The community has grown substantially this month, for both curators and general participants. We have seen more people express interest in our curation guidelines and the curation community as we whole. We have new members from many different partner organizations who are helping with the technology improvements and scaling we continue to do.

Upcoming goals

1. 19 millions component definitions by the end of May
2. Continued improvements to the website as well as expanded attention to bugs and features on the service
3. Potential changes to the curation guidelines and addition curators added to the community