



Minersoft is a harvester that visits Grid/Cloud infrastructures, crawls their file systems, identifies and classifies software files, and discovers implicit associations between them. The results of Minersoft harvesting are encoded in a weighted, typed graph, called the Software Graph. A number of information retrieval (IR) algorithms are used to enrich this graph with structural and content associations, to annotate software files with keywords and build inverted indexes to support keyword-based searching for software.

Minersoft is now able to predict and automatically assign tags to software resources it indexes. Experimental results have shown that Minersoft is a powerful tool for software search and discovery.

Visit the Minersoft search engine website: <http://euclid.grid.ucy.ac.cy:1997/minersoft/>