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Do Scientists Write About Software? - An RSE Publication Monitor

Tuesday, March 5, 2024 4:10 PM (20 minutes)

The RSE Publication Monitor is an online tool to show how much and in which context scientists write about software. As the RSE Publication Monitor is developed at the Forschungszentrum Jülich, it currently uses a publication database of the Forschungszentrum as data source.

The monitor regularly queries a database to find publications that mention certain keywords related to software. Based on this information, it is possible to browse through correlations of keywords mentioned in these publications, and also to find out how often different keywords are used in publications from different institutes/research groups.

This tool can be easily extended to cover other keywords of interest. Furthermore, the code is open source and can be easily adapted to use other data sources and everyone is encouraged to design their own analysis. Furthermore, we are always open for collaborations and further ideas.

This talk will not only focus on the general approach and the technical structure of the publication monitor, but will also show some findings from using the monitor in order to highlight the benefits of setting up such a monitor.

Slot length

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