

Large-scale open source code analysis

We are looking for students to develop tooling that runs code analysis on a large scale. This requires good programming skills in python and dealing with Slurm Workload Manager. Your code will run on a Linux high-performance cluster.

The primary goal of this project is detecting software vulnerabilities in open source code projects. This can be optionally extended to qualitative/quantitative analysis of the gathered results.

The project can be realized as a bachelor/master thesis or Guided Research Project (GRP). Results are getting published at a research conference which would allow you to co-author a research paper.

Please contact me if you are interested!

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Visit my website to find out more about what I am doing.

<https://www.in.tum.de/cybertrust/members/felix-fischer/>

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