Project Idea: Vulnerability Assessment Service

Idea provider: Robert Bosch GmbH

Description

- Development of a software component that for a given list of open source software components in a particular version provides a list of known vulnerabilities retrieved from public vulnerability databases

- The software component has three main interfaces

    ○ A simple web-based UI into which a user can type a list of components and versions

    ○ A command line interfaces to which the user supplies the components + versions as an input file

    ○ A REST API that allows for programmatic access to the vulnerabilities report

- From the REST API it follows that it should be possible to run the software as a service in a web server

Additional Information

Local partner/employer:	No
Start-up potential of idea:	Small
Project language:	English or German
Technology employed:	Java, Web, etc.
Additional hardware/software:	–
Other constraints 1:	–
Other constraints 2:	–
Other constraints 3:	–