Internship: Development of a workflow engine on Hadoop, integrated with the ORTEC Big Data Portal
Reference: 16OCS-DevWorkfl-SvD
Location: Zoetermeer
Startdate: As soon as possible

Thesis subject description
ORTEC is developing a Big Data Portal for doing data integration and analytics on that data. Within the portal a workflow can be defined that describes in a high-level language what kinds of processing need to be performed and how that shapes the data. This workflow description is compiled to an actual implementation that can be executed. Currently, the Big Data Portal compiles workflows to an execution model that can be run on a single machine. For Big Data it is necessary to distribute data and computations over that data. Therefore, the compiler should be able to compile the workflow description to an execution engine running on Hadoop.

Qualifications
This internship assignment is meant for students in the master phase of their study in the area of Informatics, Business Informatics, Artificial Intelligence, Information Science, Technical Informatics or a related subject.

Experience and Desirable Skills
Strong analytic skills, strong affinity with IT, excellent communication skills, ability to work in a team.

About ORTEC Consulting
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Interested or more information?
Look at our website www.ortec.nl/studenten for more information about ORTEC and other student assignments. Please contact Steven van Dijk, Steven.vanDijk@ortec.com, for more information about the assignment.

Are you interested?
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