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MicroDoc Position Paper

Java Executive Committee

MicroDoc is technology-oriented software development business with its headquarter in Munich Germany and subsidiaries in Stuttgart and Berlin. Since 2000 MicroDoc has supplied embedded Java VMs to a worldwide customer base and has developed extensive domain know how in the telematics and automotive space.

MicroDoc has been a longtime supporter of open standards and commercially usable open-source software. As a member of the Eclipse Foundation, MicroDoc has contributed a 2D vector graphic implementation of the OpenVG standard to the eRCP project. MicroDoc's managing director was elected to the Eclipse Board of Directors by the Eclipse membership at large as a representative for the Solution Members four years in a row. Further, MicroDoc is an active contributor to OpenJDK.

MicroDoc, as member of the Data Respons Group, holds a ratified seat in the JCP EC since 2014 and has decided to run for the next election period to foster the development and growth of Java. With focus on embedded applications in automotive, healthcare, and smart environments, MicroDoc wants to bring new features of Java to the embedded world. To do so, MicroDoc is working hard on dedicated embedded versions of Java11 and onwards, and addressing the long-term pain points of Java's slow startup time, slow time to peak performance, and large footprint. However, automotive, healthcare and smart environments have their unique challenges with a variety of hardware architectures and operating systems that require flexible adoption of the Java technology, while maintaining adherence to the Java standards must be guaranteed.