CREDIT SUISSE

JCP Executive Committee Ballot 2012
Full Qualification and Position Statement

Credit Suisse was one of the first financial institutes to embrace Web and Java technologies and investing heavily in Java EE technology. In 2009, Credit Suisse was elected in the JCP SE/EE Executive Committee to be the first member not to represent vendors but the customers of Java technology. Customers want strong and open standards to secure their investments and to choose among a variety of different products without fearing costly migrations when switching to other vendors.

Java EE has grown to a widely accepted standard for web-based applications. The success of servlets, EJBs, and JSF relies on the standardization of these technologies, the high-level abstraction of their APIs, and the extensive usage of configurations. Standardization leveraged the development of stable and scalable application services, development tools, and highly integrated operations tools. Standardization was also the main motivation for Credit Suisse to develop already in the early 2000s an internal standard based on Java EE called the Java Application Platform (JAP), which helped industrialize development and operations of our Java EE applications. JAP also established many of the Platform-as-a-Service concepts in 2004 that now contribute to a 40+M$ cost avoidance per year. Credit Suisse continues to leverage and invest in JAP as a true private cloud infrastructure.

During the first term in the JCP Executive Committee, Credit Suisse has made the following contributions. We showed a good record of participation in the EC Meetings and reviewed the JSRs as part of the technology government service. Having a long tradition in the development of Java EE specifications through participation in many customer advisory boards, through statements of requirements of extensions to the core Java related products in use, and active participation in JSRs (e.g., various JSF releases), we managed to increase our participation in both Java SE and EE Expert Groups (e.g., JSR 352 Batch, JSR 107 JCache, JCP.Next JSRs (JSRs 348, 355, 359)) as well as Specification Leads (e.g., JSR 354 Money and Currency API). We are very proud that Victor Grazi, one of our core Java architects, has won the JCP Outstanding Spec Lead Award 2012!

During our next term, we would like to focus on the following topics.
- We will continue to bring in our customer view in arguing for strong, open and stable standards that can be implemented by any vendor or Open Source community for a competitive market. To ensure open standards, transparent license models and an easy JCP participation are necessary.
- We believe in the importance of a strong technology government where we bring in our expertise in standardization and architecture governance. We plan to intensify content-wise JSR reviews within our internal Java community. Furthermore, we continue our strong and active participation in Expert Groups and Spec Leads and to leverage the expertise of our employees. For example, we intend to participate in the Java EE 8 JSR to bring in our experts for the API standardization for applications to be hosted in the cloud.
- We would like to aid in increasing the participation of universities on both Spec Leads and Expert Group Members. The Java community values the high-quality specifications that resulted from the dedicated work of university professors and should encourage further participation. Credit Suisse has a long tradition in collaborating with Swiss universities (ETH Zurich and EPFL) on research and student projects. Today's students are the employees of tomorrow and thus should continue to learn the Java language and should be encouraged to participate in the JCP Community, e.g., as part of the Adopt-a-JSR initiative of the Java User Groups, and so to value the importance of technology governance and associated standard organizations.

Credit Suisse re-nominates as EC representatives both Susanne Cech Previtali and Victor Grazi that together have been representing Credit Suisse for the last 1.5 years.
- The primary representative Susanne is member of Infrastructure Architecture of Credit Suisse and is responsible for the Java Application Platform (JAP) and Java related technologies. Her main focus is the identification and standardization of new technologies that aid the development and operations of large-scale applications. Prior to joining Credit Suisse, Susanne obtained a PhD in Computer Science from ETH Zurich where she implemented a dynamic updating system for Java programs.
- Victor Grazi is an Oracle Java Champion, and has been at Credit Suisse since 2005, where he works in Investment Banking Architecture as a technical consultant and Java evangelist. He is also a trainer and frequent presenter at technical conferences where he speaks about his first love, Java concurrency as well as other Java related topics. Victor hosts the "Java Concurrent Animated" open source project on SourceForge.

Both Susanne and Victor have been participating in the EC meetings, contributing to the JCP.Next JSRs, reviewing JSRs and coordinating for internal reviews, and coordinating and encouraging the Java experts in Credit Suisse for participation in the JCP.