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Title:
The Future of Modeling: User-Driven Open Source

Abstract:

The first great wave of commercial open source adoption was done by software vendors. Once they realized the quality and time to market competitive advantages of innovating by integrating open source technologies, the trend was unstoppable. The second great wave was the creation of entirely new internet business models based on the scalability of free software. Companies such as Google, Facebook, Twitter and Amazon literally would not exist if they could not scale their infrastructure using free software. The next great wave will be user-led open source communities, where enterprises and industrials will learn to master the art of open source to dramatically reduce costs and disrupt incumbent business models.

How does this impact modeling? Simply put, the creation of the next-generation of model-driven engineering tools must be led by the companies that need this technology, rather than relying on vendors to supply it. Or put differently, user-driven open source development will drive the next generation of model-driven engineering. I will draw examples from the Eclipse and Polarsys communities to illustrate how this is happening now, and the direction in which these communities are headed in the future.

Bio:

Mike Milinkovich has been involved in the software industry for over thirty years, doing everything from software engineering, to product management to IP licensing. He has been the Executive Director of the Eclipse Foundation since 2004. In that role he is responsible for supporting both the Eclipse open-source community and its commercial ecosystem. Prior to joining Eclipse, Mike was a vice president in Oracle's development group. Other stops along the way include WebGain, The Object People, IBM, Object Technology International (OTI) and Nortel.

Mike sits on the Board of the Open Source Initiative (OSI), on the Executive Committee of the Java Community Process (JCP), and is an observer and past member of the Board of OpenJDK.