Scalable Model Exploration for Model-Driven Engineering

Antonio Jiménez-Pastor, Antonio Garmendia, Juan de Lara

PII: S0164-1212(17)30150-4
DOI: 10.1016/j.jss.2017.07.011
Reference: JSS 10004

To appear in: *The Journal of Systems & Software*

Received date: 21 September 2016
Revised date: 9 June 2017
Accepted date: 11 July 2017

Please cite this article as: Antonio Jiménez-Pastor, Antonio Garmendia, Juan de Lara, Scalable Model Exploration for Model-Driven Engineering, *The Journal of Systems & Software* (2017), doi: 10.1016/j.jss.2017.07.011

Highlights

- We combine fragmentation strategies and abstractions to visualize large MDE models.
- The approach has been realized in an Eclipse plugin.
- We present an evaluation in the embedded systems and reverse engineering domains, comparing with tools like Gephi and CDO.
- We obtain large gains in terms of time and memory with respect to visualizing monolithic models.