



PAME 2015

First International Workshop on Patterns in Model Engineering

<http://www-ens.iro.umontreal.ca/~syriani/pame2015/>

Co-located with
STAF 2015
July 21, 2015
L'Aquila, Italy

Call for Papers

The field of Model-Driven Engineering (MDE) has evolved tremendously since its early stages in 2002. Current development activities in MDE span very different techniques such as metamodeling, model transformation, domain-specific modeling, model evolution, model verification and validation. Various languages have been proposed to implement artifacts produced by these activities. Having been applied in a variety of different application domains, good practices and idioms have been proposed for some of these languages in order to improve the quality of modeling artifacts produced. Some language-specific idioms can be re-used and applied across different languages, to then become generalized to design patterns. Although some preliminary work on design patterns has been proposed, this is an area of MDE that yet needs to be explored. With the growing maturity of MDE, it is high time to further investigate the discovery, definition, purpose and application of design patterns in model engineering activities.

PAME is intended to be the first forum for practitioners in MDE to discuss patterns that occur often during the different modeling activities. The aim of this workshop is to provide an arena for proposing and discussing good practices, patterns, pattern-based modeling, as well as start the initiative of developing a "language" for discussing and describing relevant problems and their solutions in the form of patterns.

PAME2015 will be a true 'working' workshop, therefore we invite submissions in the form of:

- Pattern Description**, in some kind of standard format (e.g., Gang of Four) that is relevant to modeling. This might be a modeling pattern, a metamodeling pattern, a transformation pattern, a query pattern, etc.
- Challenge Problem**, related to patterns and modeling. This will require a precise statement of the problem, a motivation for why the problem is relevant and interesting to the modeling communities, and a concrete example of the problem.
- Proposal for Evaluating Patterns**, a technique or method that could be used, an example of an evaluation, a case study of how a particular pattern was validated with users, etc.

All submissions will be no more than 3 pages in Springer LNCS format.

Submission

- Submissions have to be done through EasyChair.
- A post-workshop version of the papers may be produced between a pattern proposer and a research who presented an evaluation technique, and will be published in CEUR (<http://ceur-ws.org>).
- The organizers are planning to write a vision paper with interested participants of PAME to be published in the Journal of Object Technology.

Workshop Format

PAME2015 aims to favor discussions and experience exchanges in a highly interactive fashion.

The workshop day will be divided into a presentation session from selected invited participants, another session to allow submitters to briefly present their point of view, and finally discussions in three working groups to discuss the three themes of the workshop based on the morning discussions and presentations.

Important Dates

Submission: May 8, 2015
Author notification: June 5, 2015
Final version: June 19, 2015
Workshop: July 21, 2015

Organization Committee

Eugene SYRIANI, University of Montreal, Canada
Richard PAIGE, University of York, UK
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