



DAGSTUHL
ARTIFACTS SERIES

Volume 8 | Issue 1 | June 2022

Special Issue of the 34th Euromicro Conference on Real-Time
Systems (ECRTS 2022)

Edited by

Angeliki Kritikakou
Matthias Becker


ISSN 2509-8195

DARTS Special Issue Editors

Angeliki Kritikakou

University of Rennes, Irisa, INRIA, CNRS, Rennes,
France


angeliki.kritikakou@irisa.fr

 <https://orcid.org/0000-0002-9293-469X>

Matthias Becker

KTH Royal Institute of Technology, Stockholm,
Sweden

mabecker@kth.se

 <https://orcid.org/0000-0002-1276-3609>

ACM Classification 2012

Software and its engineering

Published online and open access by

Schloss Dagstuhl – Leibniz-Zentrum für Informatik
GmbH, Dagstuhl Publishing, Saarbrücken/Wadern,
Germany.

Online available at

<http://drops.dagstuhl.de/darts>.

Publication date

June 2022

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content related to computer science research, e.g.,
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containing a complete setup, test suites, or tools.

Contact

Schloss Dagstuhl – Leibniz-Zentrum für Informatik
DARTS, Editorial Office

Oktavie-Allee, 66687 Wadern, Germany

publishing@dagstuhl.de

Digital Object Identifier

10.4230/DARTS.8.1.0

<http://www.dagstuhl.de/darts>

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■ Artifact Evaluation Process

The ECRTS Artifact Evaluation (AE) process takes place after the paper decisions have been finalized. We seek to achieve the benefits of the AE process without disturbing the current process through which ECRTS has generated high-quality programs in the past. Therefore, the current submission, review and acceptance procedure are completely unaltered by the decision of running an AE process.

Once acceptance decisions are final, the authors of accepted papers are invited to submit an artifact evaluation (or replication) package. Hence, the repeatability evaluation process has no impact on whether a paper is accepted at ECRTS, and will be entirely optional and up to authors. Moreover, there is no disclosure of the title and authors of papers which would not pass the repeatability evaluation. This is to avoid negative bias towards submitting their artifact on the authors' part. Once authors that desire to do so have submitted their artifacts, an Artifact Evaluation Committee (AEC) composed mainly of PhD students close to graduation, postdocs and young researchers evaluates the artifacts.

Artifacts should include two components:

- a document explaining how to use the artifact and which of the experiments presented in the paper are repeatable (with reference to specific digits, figures and tables in the paper), the system requirements and instructions for installing and using the artifact;
- the software and any accompanying data.

During the first week, all the evaluators check that they can run the code of artifacts assigned to them, without problems. In case of problems, these are promptly (and anonymously) reported to the authors of the artifact that can help fixing them. From that moment on, the evaluators have 3 weeks to complete their reviews. During the last week, a brief online discussion takes place if/when necessary and notifications are sent to authors.

■ Artifact Evaluation Committee

Cédric Courtaud
Max Planck Institute for Software Systems
Kaiserslautern, Germany
ccourtaud@mpi-sws.org

Lea Schönberger
TU Dortmund
Dortmund, Germany
lea.schoenberger@tu-dortmund.de

Xiaotian Dai
University of York
York, United Kingdom
xiaotian.dai@york.ac.uk

Marcello Traiola
Inria Rennes / IRISA
Rennes, France
marcello.traiola@inria.fr

Bryan Donyanavard
San Diego State University
San Diego, United States
bdonyanavard@sdsu.edu

Romain Jacob
ETH Zurich
Zurich, Switzerland
jacobr@ethz.ch

Jung-Eun Kim
Syracuse University.
Syracuse, United States
jkim150@syr.edu

Leonidas Kosmidis
Barcelona Supercomputing Center (BSC)
Barcelona, Spain
leonidas.kosmidis@bsc.es

Cláudio Maia
CISTER Research Centre
Porto, Portugal
crrm@isep.ipp.pt

Filip Markovic
Mälardalen University
Västerås, Sweden
filip.markovic@mdu.se

Catherine Nemitz
Davidson College
Davidson, United States
canemitz@davidson.edu

Benjamin Rouxel
University of Modena
Modena, Italy
benjamin.rouxel@unimore.it

34th Euromicro Conference on Real-Time Systems (ECRTS 2022).
Editors: Angeliki Kritikakou and Matthias Becker



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Schloss Dagstuhl – Leibniz-Zentrum für Informatik, Dagstuhl Publishing, Germany

