

Automatic code generation for safety critical embedded systems: developments in the Gene-Auto project

Toom, Andres Thirteenth Estonian Winter School in Computer Science (EWSCS'08) : Park Hotel Palmse, Lahemaa, Estonia : March 2-7, 2008 2008 / [1] p. (Student talks and posters 2008 (abstracts))

Between qualification and certification : specifying and verifying model transformations in an embedded code generator

Toom, Andres Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK neljanda aastakonverentsi artiklite kogumik : 26.-27. novembril 2010, Essu mõis 2010 / lk. 109-112 : ill

Block library driven translation validation for dataflow models in safety critical systems

Dieumegard, Arnaud; **Toom, Andres**; Pantel, Marc Critical Systems : Formal Methods and Automated Verification : Joint 21st International Workshop on Formal Methods for Industrial Critical Systems and 16th International Workshop on Automated Verification of Critical Systems, FMICS-AVoCS 2016, Pisa, Italy, September 26-28, 2016 : proceedings 2016 / p. 117-132 : ill
https://doi.org/10.1007/978-3-319-45943-1_8

Compilation of heterogeneous models : motivations and challenges

Bordin, Matteo; **Näks, Tõnu**; **Toom, Andres**; Pantel, Marc ERTS2 2012 : Embedded Real Time Software and Systems : [1st - 3rd February 2012, Toulouse, France : proceedings] 2012 / [10 p.]

Compilation of heterogeneous models : motivations and challenges

Bordin, Matteo; **Näks, Tõnu**; **Toom, Andres**; Pantel, Marc 6th European Congress ERTS2 2012 : Embedded Real Time Software and Systems : 1-3 February 2012, Toulouse, France : book of abstracts 2012 / p. 147

Ergonomic challenges in intelligent driver aid systems design

Toom, Andres Risk and Safety Management in Industry, Logistics, Transport and Military Service : New Solutions for the 21st Century : proceedings of the international scientific-educational conference : March 25-28, 2003, Tallinn 2003 / p. 54-58 : ill
https://artiklid.elnet.ee/record=b2141778*est

Formal specification of block libraries in dataflow languages

Dieumegard, Arnaud; **Toom, Andres**; Pantel, Marc Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK seitsmenda aastakonverentsi artiklite kogumik : 15.-16. novembril 2013, Haapsalu 2013 / p. 17-19 : ill

Formal specification of block libraries in dataflow languages

Dieumegard, Arnaud; **Toom, Andres**; Pantel, Marc 7th European Congress Embedded Real-Time Software and Systems, ERTS2 2014 : 5-7 February 2014, Toulouse, France : proceedings 2014 / [10] p. : ill

Gene-auto : an automatic code generator for a safe subset of Simulink/Stateflow and Scicos

Toom, Andres; **Näks, Tõnu**; Pantel, M.; Gandriau, M.; Wati, I. Embedded Real Time Software : ERTS 2008 : Toulouse, France 2008

Model transformations in the Gene-Auto Automatic Code Generation

Toom, Andres; **Näks, Tõnu** Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.-26. aprill 2008, Voore külalistemaja 2008 / p. 126-129 : ill

Practical transformation verification with OCL

Toom, Andres Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK viienda aastakonverentsi artiklite kogumik : 25.-26. novembril 2011, Nelijärve 2011 / p. 165-168 : ill

Specifying and verifying model transformations for certified systems using transformation models

Toom, Andres; Dieumegard, Arnaud; Pantel, Marc Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kuuenda aastakonverentsi artiklite kogumik : 3.-5. oktoobril 2012, Laulasmaa 2012 / p. 97-100 : ill

Tarkvara usaldusväarsusega seotud praktikatest ja suundumustest lennukitööstuses. Gene-Auto projekti kogemuste põhjal

Toom, Andres A & A 2011 / 2, lk. 10-27 : ill https://artiklid.elnet.ee/record=b2431011*est

Towards reliable code generation with an open tool : evolutions of the Gene-Auto toolset

Toom, Andres; Izerrouken, N.; **Näks, Tõnu**; Pantel, M.; Ssi Yan Kai, O. Ingénieurs de l'Automobile 2010 / p. 29-35

Towards reliable code generation with an open tool : evolutions of the gene-auto toolset

Toom, Andres; Izerrouken, N.; **Näks, Tõnu**; Pantel, M.; Ssi Yan Kai, O. 5th International Congress and exhibition ERTS2 2010 : Embedded Real Time Software and Systems : 19-21 May 2010, Toulouse, France 2010 / [10] p