

Lessons learned from the EU project T-CREST - DTU Orbit (08/11/2017)

Lessons learned from the EU project T-CREST

A three year EU project, such a T-CREST, with partners from all over Europe and with backgrounds from different domains is a challenging endeavor. Successful execution of such a project depends on more factors than simply performing excellent research. Within the three-year project T-CREST eight partners from academia and industry developed and evaluated a time-predictable multi-core processor with an accompanying compiler and a worst-case execution time analysis tool. The tight cooperation of the partners and the shared vision of the need of new computer architectures for future real-time systems enabled the successful completion of the T-CREST project. The T-CREST platform is now available, with most components in open source, to be used for future real-time systems and as a platform for further research.

General information

State: Published

Organisations: Department of Applied Mathematics and Computer Science , Embedded Systems Engineering

Authors: Schoeberl, M. (Intern)

Pages: 870-875

Publication date: 2016

Host publication information

Title of host publication: Proceedings of the 2016 Design, Automation and Test in Europe Conference & Exhibition (DATE)

Publisher: IEEE

ISBN (Print): 978-3-9815370-6-2

BFI conference series: Design, Automation, and Test in Europe (5000366)

Main Research Area: Technical/natural sciences

Conference: 19th Conference and Exhibition on Design, Automation and Test in Europe Conference and Exhibition (DATE 2016), Dresden, Germany, 14/03/2016 - 14/03/2016

Links:

http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=7459431

Source: FindIt

Source-ID: 277554487

Publication: Research - peer-review › Article in proceedings – Annual report year: 2016