## **Accepted Manuscript**

A Formal Framework for Context-Aware Systems Specification and Verification

Brahim Djoudi, Chafia Bouanaka, Nadia Zeghib

PII: S0164-1212(15)00259-9 DOI: 10.1016/j.jss.2015.11.035

Reference: JSS 9626

To appear in: The Journal of Systems & Software

Received date: 27 August 2014
Revised date: 5 October 2015
Accepted date: 18 November 2015



Please cite this article as: Brahim Djoudi, Chafia Bouanaka, Nadia Zeghib, A Formal Framework for Context-Aware Systems Specification and Verification, *The Journal of Systems & Software* (2015), doi: 10.1016/j.jss.2015.11.035

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

#### ACCEPTED MANUSCRIPT

### Highlights

- Conceptual framework for context-aware adaptive systems specification and verification.
- Combining MDE techniques with formal method for framework design and analyses.
- Verification of safety critical properties of context-aware systems.
- Development of tool (CTX-Tool) for context-aware systems analyze and validation.

### Download English Version:

# https://daneshyari.com/en/article/4956572

Download Persian Version:

https://daneshyari.com/article/4956572

<u>Daneshyari.com</u>