

Cross Lifecycle Variability Analysis: Utilizing Requirements and Testing Artifacts

Michal Steinberger , Iris Reinhartz-Berger , Amir Tomer

PII: S0164-1212(18)30086-4
DOI: [10.1016/j.jss.2018.04.062](https://doi.org/10.1016/j.jss.2018.04.062)
Reference: JSS 10151



To appear in: *The Journal of Systems & Software*

Received date: 15 March 2017
Revised date: 24 March 2018
Accepted date: 18 April 2018

Please cite this article as: Michal Steinberger , Iris Reinhartz-Berger , Amir Tomer , Cross Lifecycle Variability Analysis: Utilizing Requirements and Testing Artifacts, *The Journal of Systems & Software* (2018), doi: [10.1016/j.jss.2018.04.062](https://doi.org/10.1016/j.jss.2018.04.062)

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.

Highlights:

- Cross-lifecycle artifacts should be used for analyzing variability
- The approach analyzes variability based on behaviors rather than on implementations
- The behaviors are extracted from requirements and test cases
- Agreement on outputs was higher compared to requirements-based variability analysis

Download English Version:

<https://daneshyari.com/en/article/6885282>

Download Persian Version:

<https://daneshyari.com/article/6885282>

[Daneshyari.com](https://daneshyari.com)