## Accepted Manuscript

Technical Debt and Agile Software Development Practices and Processes: An Industry Practitioner Survey

Johannes Holvitie, Sherlock A. Licorish, Rodrigo O. Spínola, Sami Hyrynsalmi, Stephen G. MacDonell, Thiago S. Mendes, Jim Buchan, Ville Leppänen

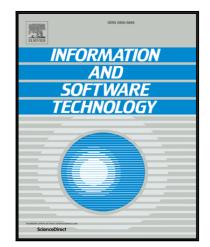
PII:S0950-5849(17)30509-8DOI:10.1016/j.infsof.2017.11.015Reference:INFSOF 5921

To appear in: Information and Software Technology

Received date:5 September 2016Revised date:25 November 2017Accepted date:29 November 2017

Please cite this article as: Johannes Holvitie, Sherlock A. Licorish, Rodrigo O. Spínola, Sami Hyrynsalmi, Stephen G. MacDonell, Thiago S. Mendes, Jim Buchan, Ville Leppänen, Technical Debt and Agile Software Development Practices and Processes: An Industry Practitioner Survey, *Information and Software Technology* (2017), doi: 10.1016/j.infsof.2017.11.015

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

- Agile software development practices and processes have an effect on technical debt.
- Agile practices safe-guarding software implementation have the most positive effect.
- Effect opinions are most divergent for practices involving different stake holders.
- Technical debt knowledge is implicit and hence the concept is under utilized.
- Concrete technical debt is fuzzy but most have origins in the software legacy.

1

Download English Version:

## https://daneshyari.com/en/article/6948100

Download Persian Version:

https://daneshyari.com/article/6948100

Daneshyari.com