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**A Proposed Value-Based Software Process Tailoring Framework**By: Zakaria, NA (Zakaria, Noor Azura)<sup>[1]</sup>; Ibrahim, S (Ibrahim, Suhaimi)<sup>[2]</sup>; Mahrin, MN (Mahrin, Mohd Naz'ri)<sup>[2]</sup>

2015 9TH MALAYSIAN SOFTWARE ENGINEERING CONFERENCE (MYSEC2015)

Edited by: Atan, R; Hassan, S; Ali, NM; Pa, NC; Rahman, WNWA; Murad, MAA

Pages: 149-153

Published: 2015

Document Type: Proceedings Paper

**Conference**

Conference: 9th Malaysian Software Engineering Conference (MySEC)

Location: Kuala Lumpur, MALAYSIA

Date: DEC 16-17, 2015

Sponsor(s): Univ Putra Malaysia; IEEE; Malaysian Software Engrn Interest GRP

**Abstract**

Software process tailoring is the act of customising the existing software process to suit the specific software project. Current practices in software process tailoring consider project characteristics as the sole input to tailor the software process. In addition, it maintains the traditional approach whereby all the project characteristics factors are treated as being equally important. There is a need to shift the traditional software process tailoring approach to a value-centric approach by using a value-based software engineering concept. This study aims to propose a value-based software process tailoring framework to tailor the software process. A review was conducted to analyse the components embedded and input factors in the selected prior studies on software process tailoring. The framework proposed in this study uses value-based factors as input factors to tailor the software process. The framework also considers value prioritisation component, which rank the process elements according to value priority.

**Keywords**

Author Keywords: value-based software engineering; value-based factor; software process tailoring; software process

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**Funding**

Funding Agency	Grant Number
Universiti Teknologi Malaysia (UTM)	08H28
Research Management Centre of UTM	
Malaysian ministry of education	

[View funding text](#)**Publisher**

IEEE, 345 E 47TH ST, NEW YORK, NY 10017 USA

**Categories / Classification**

Research Areas: Computer Science

Web of Science Categories: Computer Science, Software Engineering

**Citation Network**

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