## Accepted Manuscript

Title: Highly Scalable Erlang Framework for Agent-based Metaheuristic Computing

Author: Wojciech Turek Jan Stypka Daniel Krzywicki Piotr

Anielski Kamil Pietak Aleksander Byrski Marek

Kisiel-Dorohinicki

PII: \$1877-7503(16)30024-2

DOI: http://dx.doi.org/doi:10.1016/j.jocs.2016.03.003

Reference: JOCS 466

To appear in:

Received date: 30-6-2015 Revised date: 1-3-2016 Accepted date: 2-3-2016

Please cite this article as: Wojciech Turek, Jan Stypka, Daniel Krzywicki, Piotr Anielski, Kamil Pietak, Aleksander Byrski, Marek Kisiel-Dorohinicki, Highly Scalable Erlang Framework for Agent-based Metaheuristic Computing, <![CDATA[Journal of Computational Science]]> (2016), http://dx.doi.org/10.1016/j.jocs.2016.03.003

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

Wojciech Turek, PhD, obtained his PhD in 2010 at AGH University of Science and Technology in Cracow.

He works in the area of multi-robot systems, multi-robot planning, autonomous and agent-based systems,

concurrent and parallel programming, mostly in functional languages.

Jan Stypka is a MSc student at AGH University of Science and Technology in Cracow, he is interested in parallel and distributed programming and social networks.

Daniel Krzywicki} is a PhD student at AGH University of Science and Technology in Cracow, he is interested

in agent-based computing and parallel programming in functional languages.

Piotr Anielski obtained MSc in 2013 at AGH University of Science and Technology in Cracow, he is interested

in parallel and distributed programming mostly in functional languages.

Kamil Pietak obtained MSc at AGH University of Science and Technology in Cracow, he is interested in agent-based frameworks, software engineering, DSLs and component-based systems.

Aleksander Byrski obtained his Ph.D. in 2007 and DSc (habilitation) in 2013 at AGH University of Science and Technology in Cracow.

He works as an assistant professor at the Department of Computer Science of AGH-UST.

His research focuses on multi-agent systems, biologically-inspired computing and other soft computing methods.

Marek Kisiel-Dorohinicki obtained his Ph.D. in 2001 and DSc (habilitation) in 2013 at AGH University of Science and Technology in Cracow.

He works as an assistant professor at the Department of Computer Science of AGH-UST.

His research focuses on intelligent software systems, particularly utilising agent technology and evolutionary algorithms,

but also other soft computing techniqes.

## Download English Version:

## https://daneshyari.com/en/article/10997990

Download Persian Version:

https://daneshyari.com/article/10997990

<u>Daneshyari.com</u>