

Accepted Manuscript

A language-based approach to modelling and analysis of Twitter interactions

Alessandro Maggi, Marinella Petrocchi, Angelo Spognardi, Francesco Tiezzi

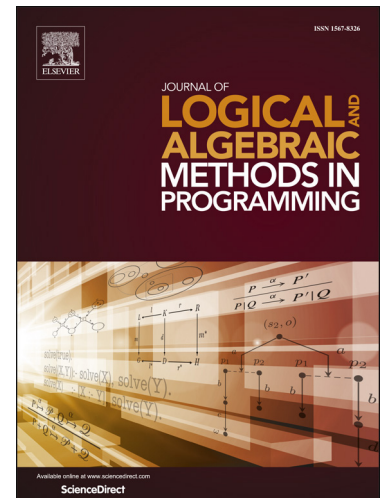
PII: S2352-2208(16)30161-4
DOI: <http://dx.doi.org/10.1016/j.jlamp.2016.11.003>
Reference: JLAMP 153

To appear in: *Journal of Logical and Algebraic Methods in Programming*

Received date: 1 January 2016
Revised date: 25 September 2016
Accepted date: 21 November 2016

Please cite this article in press as: A. Maggi et al., A language-based approach to modelling and analysis of Twitter interactions, *J. Log. Algebraic Methods Program.* (2016), <http://dx.doi.org/10.1016/j.jlamp.2016.11.003>

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.



Highlights

- The paper presents a formal language to model communication interactions on Twitter.
- The language semantics allows to foresee the effects of Twitter users' actions.
- An efficient interpreter of the proposed language written in Maude is detailed.
- The Maude model checker is incorporated to verify Twitter interactions properties.
- Several real examples show the effectiveness and the usefulness of the approach.

Download English Version:

<https://daneshyari.com/en/article/4951457>

Download Persian Version:

<https://daneshyari.com/article/4951457>

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