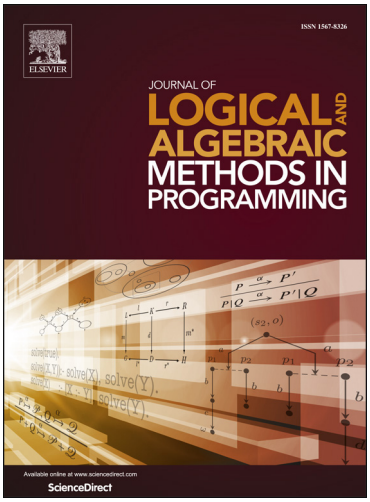
Accepted Manuscript



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

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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

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.