Local Type Inference for Polarised System F with Existentials

ANONYMOUS AUTHOR(S)

A clear and well-documented LaTeX document is presented as an article formatted for publication by ACM in a conference proceedings or journal publication. Based on the "acmart" document class, this article presents and explains many of the common variations, as well as many of the formatting elements an author may use in the preparation of the documentation of their work.

CCS Concepts: • **Do Not Use This Code → Generate the Correct Terms for Your Paper**; *Generate the Correct Terms for Your Paper*; Generate the Correct Terms for Your Paper; Generate the Correct Terms for Your Paper.

Additional Key Words and Phrases: Type Inference, System F, Call-by-Push-Value, Polarized Typing, Focalisation, Subtyping

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1 INTRODUCTION

$N = M$

ACM's consolidated article template, introduced in 2017, provides a consistent LaTeX style for use across ACM publications, and incorporates accessibility and metadata-extraction functionality necessary for future Digital Library endeavors. Numerous ACM and SIG-specific LaTeX templates have been examined, and their unique features incorporated into this single new template.

If you are new to publishing with ACM, this document is a valuable guide to the process of preparing your work for publication. If you have published with ACM before, this document provides insight and instruction into more recent changes to the article template.

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2 OVERVIEW

3 DECLARATIVE SYSTEM

3.1 The Language

4 ALGORITHM

5 PROOF

6 EXTENSIONS

7 CONCLUSION

[Botlan et al. 2003] [Dunfield et al. 2020]

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