ACM Permission and Release Form

Title of non-ACM work: A Specification for Dependent Types in Haskell

Author(s): Stephanie Weirich:University of Pennsylvania, USA;Antoine Voizard:University of Pennsylvania, USA;Pedro Henrique Avezedo de Amorim:Ecole Polytechnique, n.n. / University of Campinas, Brazil;Richard A. Eisenberg:Bryn Mawr College, USA

DESCRIPTION OF MATERIAL: Full Paper; supplemental material(s)

TITLE OF ACM PUBLICATION: PACM on Programming Languages

Grant Permission

I hereby grant permission for ACM to include the above-named material (the *Material*) in any and all forms, in the above-named publication. I further grant permission for ACM to distribute or sell this submission as part of the above-named publication in print and electronic form, and as part of the ACM Digital Library, compilation media (CD, DVD, USB) and in translation, or broadcast, cablecast, laserdisc, multimedia or any other media format now or hereafter known. *(Not all forms of media will be utilized.)*

☑ Yes, I grant ACM permission as stated above and I further I agree that if I fail to make full payment of the article processing fee within 6 months of the article publication date, ACM may automatically convert my grant of non-exclusive permission to publish to the ACM Exclusive Publishing License.

In the event that any elements used in the Material contain the work of third-party individuals, I understand that it is my responsibility to secure any necessary permissions and/or licenses and will provide same in writing to ACM. If the copyright holder requires a citation to a copyrighted work, I have obtained the correct wording and have included it in the designated space in the text.

All permissions and releases granted by me herein shall be effectie in perpetuity and extend and apply to ACM and its assigns, contractors, sublicensed distributors, successors and agents.

The following notice of publication and ownership will be displayed with the Material in all publication formats:

If you are using TeX, the following code will generate the proper statements based on your rights choices. Please copy and paste it into your TeX file between \begin{document} and \maketitle, either after or before CCS codes.

```
\setcopyright{rightsretained}
\acmJournal{PACMPL}
\acmYear{2017} \acmVolume{1} \acmNumber{1} \acmArticle{31}
\acmMonth{1} \acmDOI{http://dx.doi.org/10.1145/3110275}
```

If you are using Word, copy and paste these words in the space provided at the bottom of your first page:

Part of your retained author rights allows you, the author, to post the Creative Commons 4.0 license you chose when posting to other repositories. For your convenience, we've posted the Creative Commons license icon and a link to Creative Commons website here:

Audio/Video Release
* Your Audio/Video Release is conditional upon you agreeing to the terms set out below.

I further grant permission for my presentation and verbal comments (verbal or written) to be recorded and/or transcribed and distributed through ACM or its agent(s). I also grant that this material may be used for any associated advertising or exhibition related to the event.

I understand that my presentation will not be sold separately as a stand-alone product without my direct consent. Accordingly, I further grant permission for ACM to include my name, likeness, presentation and comments and any biographical material submitted by me in connection with the conference and/or publication, whether used in excerpts or in full, for distribution described above and for any associated advertising or exhibition.

Do you agree to the recording, transcription and distribution? ◉ Yes ◯ No

B. Auxiliary Materials, not integral to the Work

* Your Auxiliary Materials Release is conditional upon you agreeing to the terms set out below.

[Defined as additional files, including software and executables that are not submitted for review and publication as an integral part of the Work but are supplied by the author as useful resources for the reader.]

I hereby grant ACM permission to serve files containing my Auxiliary Material from the ACM Digital Library. I hereby represent and warrant that any of my Auxiliary Materials do not knowingly and surreptitiously incorporate malicious

code, virus, trojan horse or other software routines or hardware components designed to permit unauthorized access or to disable, erase or otherwise harm any computer systems or software.

☑ I agree to the above Auxiliary Materials permission statement.

☐ This software is knowingly designed to illustrate technique(s) intended to defeat a system's security. The code has been explicitly documented to state this fact.

Third Party Materials

In the event that any elements used in the Material contain the work of third-party individuals, I understand that it is my responsibility to secure any necessary permissions and/or licenses and will provide same in writing to ACM. If the copyright holder requires a citation to a copyrighted work, I have obtained the correct wording and have included it in the designated space in the text.

◉ I have not used third-party material.

◯ I have used third-party materials and have necessary permissions.

Representations, Warranties and Covenants

The undersigned hereby represents, warrants and covenants as follows:

(a) Owner is the sole owner or authorized agent of Owner(s) of the Work;

(b) The undersigned is authorized to enter into this Agreement and grant the rights included in this license to ACM;

(c) The Work is original and does not infringe the rights of any third party; all permissions for use of third-party materials consistent in scope and duration with the rights granted to ACM have been obtained, copies of such permissions have been provided to ACM, and the Work as submitted to ACM clearly and accurately indicates the credit to the proprietors of any such third-party materials (including any applicable copyright notice), or will be revised to indicate such credit;

(d) The Work has not been published except for informal postings on non-peer reviewed servers, and Owner covenants to use best efforts to place ACM DOI pointers on any such prior postings;

(e) The Auxiliary Materials, if any, contain no malicious code, virus, trojan horse or other software routines or hardware components designed to permit unauthorized access or to disable, erase or otherwise harm any computer systems or software; and

(f) The Artistic Images, if any, are clearly and accurately noted as such (including any applicable copyright notice) in the Submitted Version.

☑ I agree to the Representations, Warranties and Covenants.

Funding Agents

1. National Science Foundation 1521539,1319880

DATE: **06/23/2017** sent to sweirich@cis.upenn.edu at **15:06:23**