New lms frontend and staged computation graphs[1]

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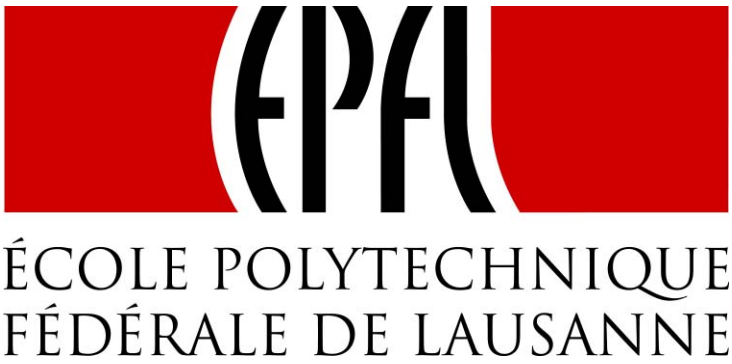

[1]Thanks to my beloved parents, my awesome supervisor Nada Amin, Prof. Martin Odersky, the lms master and author Tiark Rompf, and the delite folks Kevin James Brown and David Koeplinger.

Abstract

In this report, we explore staging, in particular the LMS framework and the development of its new frontend whose aim is ease the writing of staged dsl through, among others, shadowing of types. We also explore the usage of this new frontend for a particular case study: Staged computation graphs.

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bla bla bla

LMS

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lms

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delite

user

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