

Oberseminar Theoretische Informatik
Wintersemester 2007/2008

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Introducing Records by Refactoring

Mo, 29.10.2007 um 14 Uhr (c.t.) im SR 3319 (Ernst-Abbe-Platz 2, 3. Stock).

We focus on introducing a new transformation to our existing model for refactoring Erlang programs. The goal of the transformation is to introduce a new abstraction level in data representation by substituting a group of related data with a record. Using records enhances the legibility of the source code, makes further development easier, and makes programming less error-prone by providing better possibilities for both compilation time and runtime checks. There is a strong industrial demand for such a transformation in refactoring legacy code. We present how to compose a complex transformation from simple steps through the concepts of record propagation and field propagation.

Internetseite der Veranstaltung:

<http://theinf1.informatik.uni-jena.de/teaching/ws0708/oberseminar-ws0708>