

Pablo Berdager

Title: Functional Projections

Abstract

A projection is a "semantical slice", a simplified version of a program with maintains a projection of the semantics of the original. With functional projections we intend to produce an algebraic representation of a projection.

To build these functional projections, we started analyzing data structures. We worked with the Two Level Transformation system to manipulate schemes and data. Now we are working on the representation of class diagrams with an algebraic model (a relational model). And later we will focus on the representation of computations and a refactoring system to manipulate this representation.