

Some shared problems in compiling Functional and Logic languages

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Abstract

It seems that a logic program with full input/output modality information is a program in a first order, non strict functional language. If this is indeed the case than a lot of techniques that have been developed for compiling non-strict functional languages should be applicable to compiling logic languages. It may be possible to simplify some of these techniques because of the "first order" nature of logic languages. My talk will present some preliminary ideas as opposed to results.