

Lambda Prolog Mailing List

There is now a mailing list for discussions about the lambda Prolog programming language and related topics. If you would like to be put on this mailing list, please send your e-mail address to

`lprolog-request@cis.upenn.edu`.

It is my hope that this mailing list will be used to discuss and present results and problems in areas common to logic programming, logic frameworks, and proof theory. Of particular interest are those subjects that relate to the theory, design, implementation, and application of computational systems based on logic, type theory, and/or proof theory. There are several systems that can be described in these terms (lambda Prolog being one). Announcements of recent papers and technical reports and of implementation efforts (completed or planned) are particularly welcome.

If you have any questions or suggestions about this mailing list, please send me mail. Thanks.

– Dale Miller (`dale@cis.upenn.edu`)

PS: For those not familiar with lambda Prolog, it is a logic programming that contains much more logic than is found in Horn clauses. It permits implications and universal quantifiers within the bodies of clauses. It also permits higher-order quantification and replaces first-order terms with simply typed lambda-terms (hence, its name). Recent work also suggests that this language can be made more expressive with the addition of linear logic connectives. As a result, this language is a “very large” language. There are several attempts to implement the full language. Lambda Prolog has been applied effectively in several areas, including theorem proving, natural language processing, program transformation, and data base programming.