Function symbols are widely acknowledged as an important feature in logic programming, but unfortunately, common inference tasks become undecidable in their presence. To cope with this issue, recent research has focused on identifying decidable classes of programs allowing only a restricted use of function symbols while ensuring decidability of common inference tasks. In this talk, we give an overview of current termination criteria. We also present a technique which can be used in conjunction with current termination criteria to enlarge the class of programs recognized as terminating.

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