# Programs from Classical Proofs in Minlog

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**Abstract.** This talk gives an overview on program extraction from classical proofs in the interactive proof system Minlog [BBS$^+$98]. We will start with a short introduction to Minlog and its main characteristics/tools. Then, we will discuss program extraction from classical proofs and its refinements [BBS02]. The effects of the refinements will be demonstrated by means of a small example. Finally, we will look at programs from proofs which involve the axiom of classical dependent choice and show how this has been applied to the Nash-Williams proof of Higman's Lemma [BO05,Sei03,BS05].

## References

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