

# **THE DESIGN AND IMPLEMENTATION OF THE POSTGRES QUERY OPTIMIZER**

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## *ABSTRACT*

This report describes the query optimizer implemented for POSTGRES, a next-generation relational database management system. The report focuses on novel features supported by POSTGRES that the optimizer must contend with. Algorithms that address these issues are presented, and implementation decisions made are also discussed. Lastly, results from performance tests are included to illustrate the feasibility of our efforts.

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