

# Hybrid Query Execution; What is a database client, anyway? (Keynote Talk)

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## Abstract

Running a full-fledged analytical database inside the client opens up new ways of executing your query; you can run parts of your query locally and part remotely. Once you can split the query plan into two pieces, the same mechanism works with N stages, which can be in series or a tree. This talk will discuss the hybrid execution system based on DuckDB that we've built at MotherDuck, but also discuss some further query topologies that are enabled by this pattern.

**Speaker Biography:** Jordan is co-founder and chief duck-herder at MotherDuck, a startup building a serverless analytics platform based on DuckDB. He spent a decade working on Google BigQuery, as a founding engineer, book author, engineering leader, and product leader. More recently, as SingleStore's Chief Product Officer, Jordan helped them build a cloud-native SaaS business. Jordan has also worked at Microsoft Research, the Windows Kernel team, and at a handful of star-crossed startups. His biggest claim to fame is predicting world cup matches using machine learning with a better record than Paul the Octopus.

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