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Facebook Tao

Distributed Data Store for the Social Graph

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What is TAO?

Tao

is a geographically distribute store

- deployed at Facebook
- with efficient and timely access to social graph
- using a fixed set of query
- replacing memcache
- running on thousands of machines
- provide access to many PB of data
- process a billion reads ad millions of writes each second!

The social graph

Facebook has more than 1 billion active user

- recording relationships,
- sharing interests,
- uploading pictures and …

The user experience of Fb comes from rapid, efficient and scalable access to the *social graph*