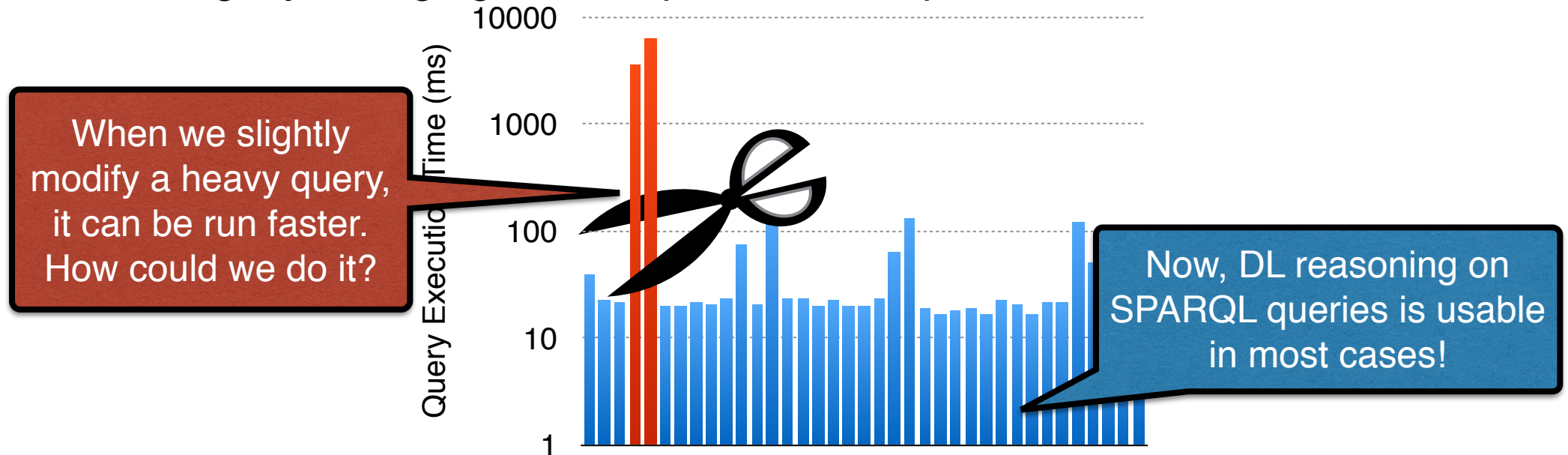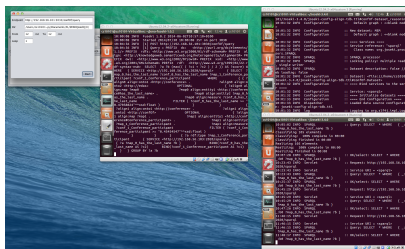# Approximating Inference-enabled Federated SPARQL Queries on Multiple Endpoints

Make *inference-enabled* SPARQL queries REALISTIC by detecting heavy queries and slightly changing them to produce acceptable level of similar results.

When we slightly modify a heavy query, it can be run faster. How could we do it?

Now, DL reasoning on SPARQL queries is usable in most cases!

We present an idea and prototype implementation of the query-approximation system that can transform an inference-enabled federated SPARQL query to another one that can produce acceptably similar results without unexpected long runtime to avoid timeout on executing inference-enabled federated SPARQL queries.

Demo Available!