

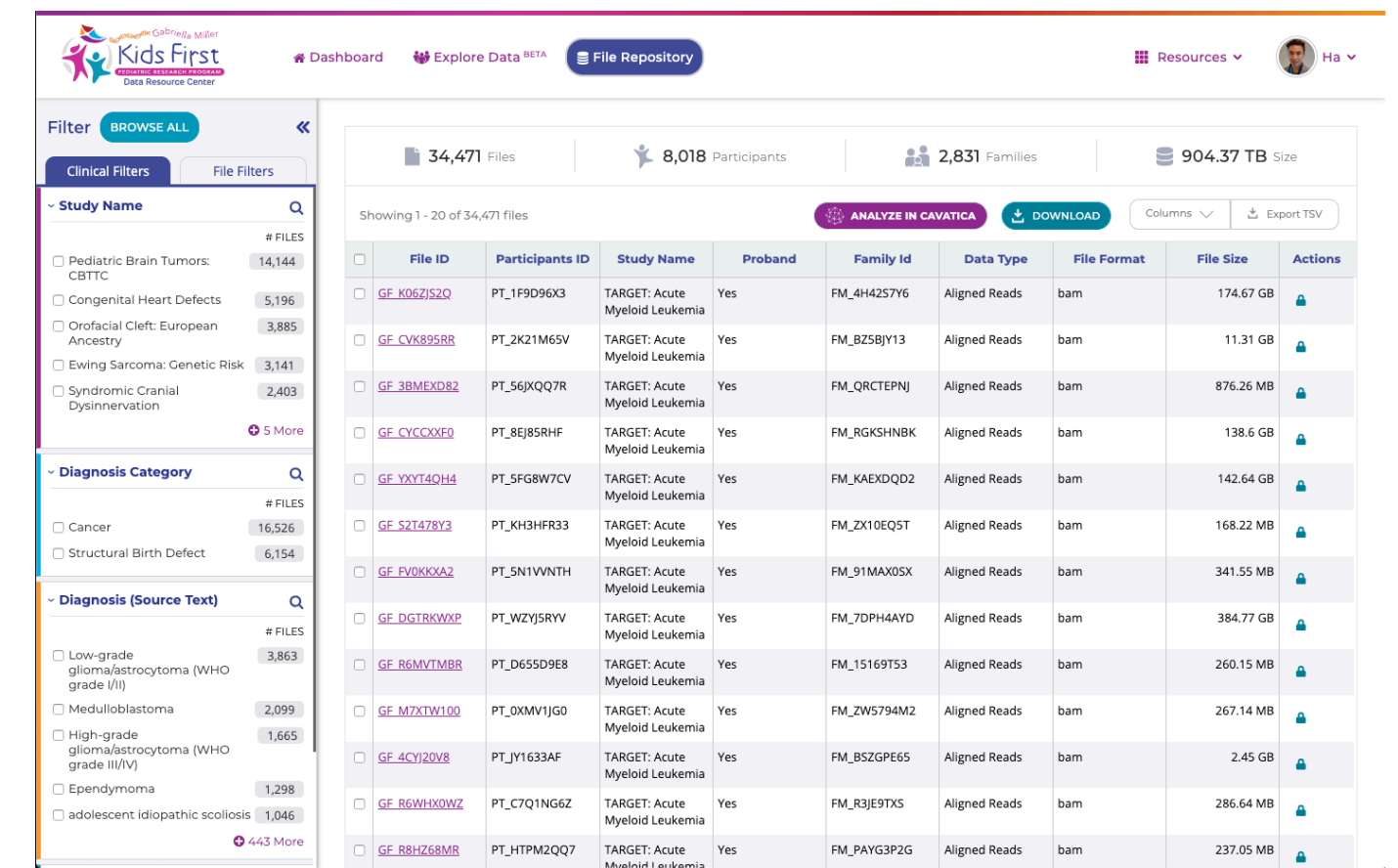
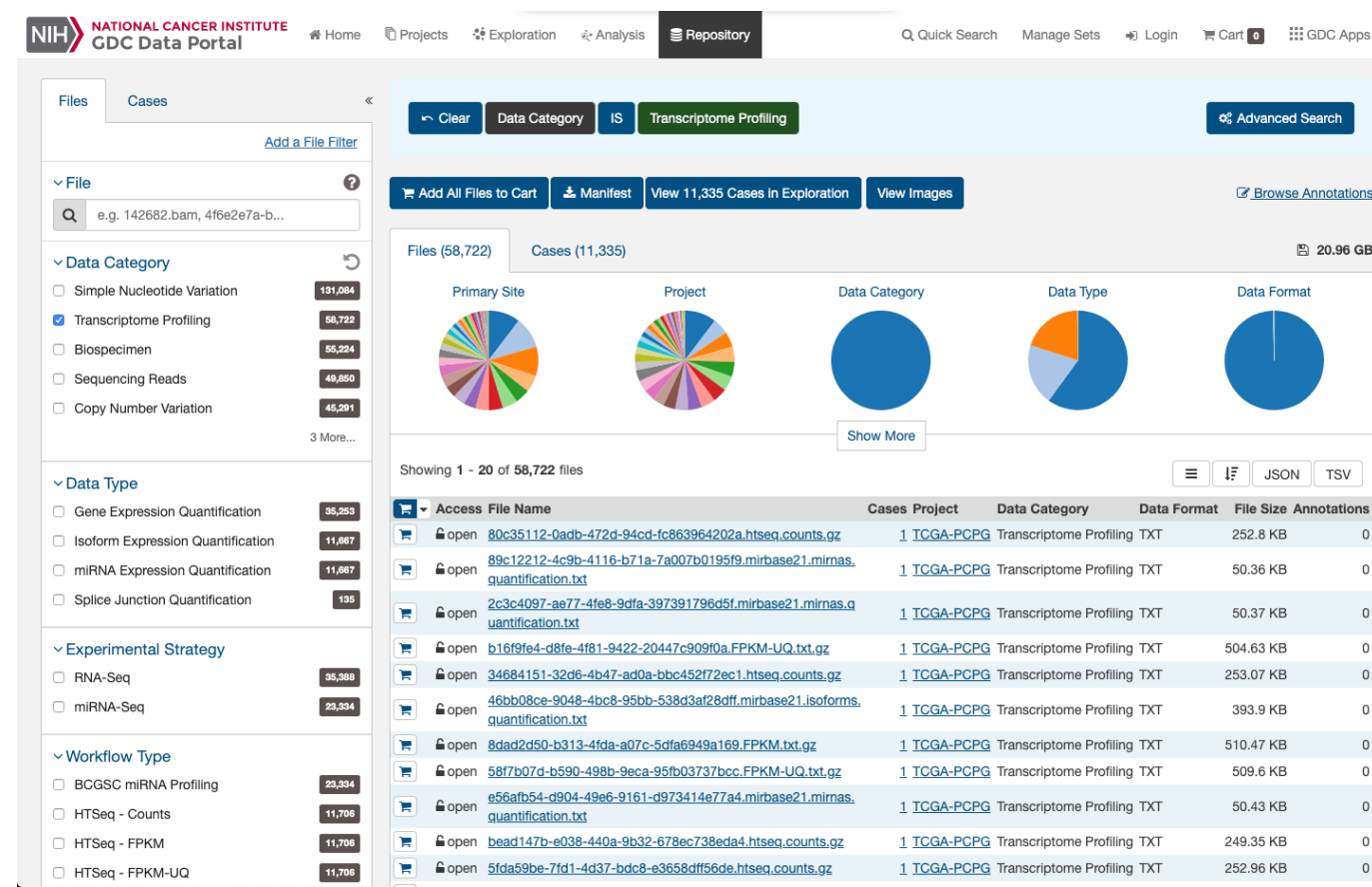
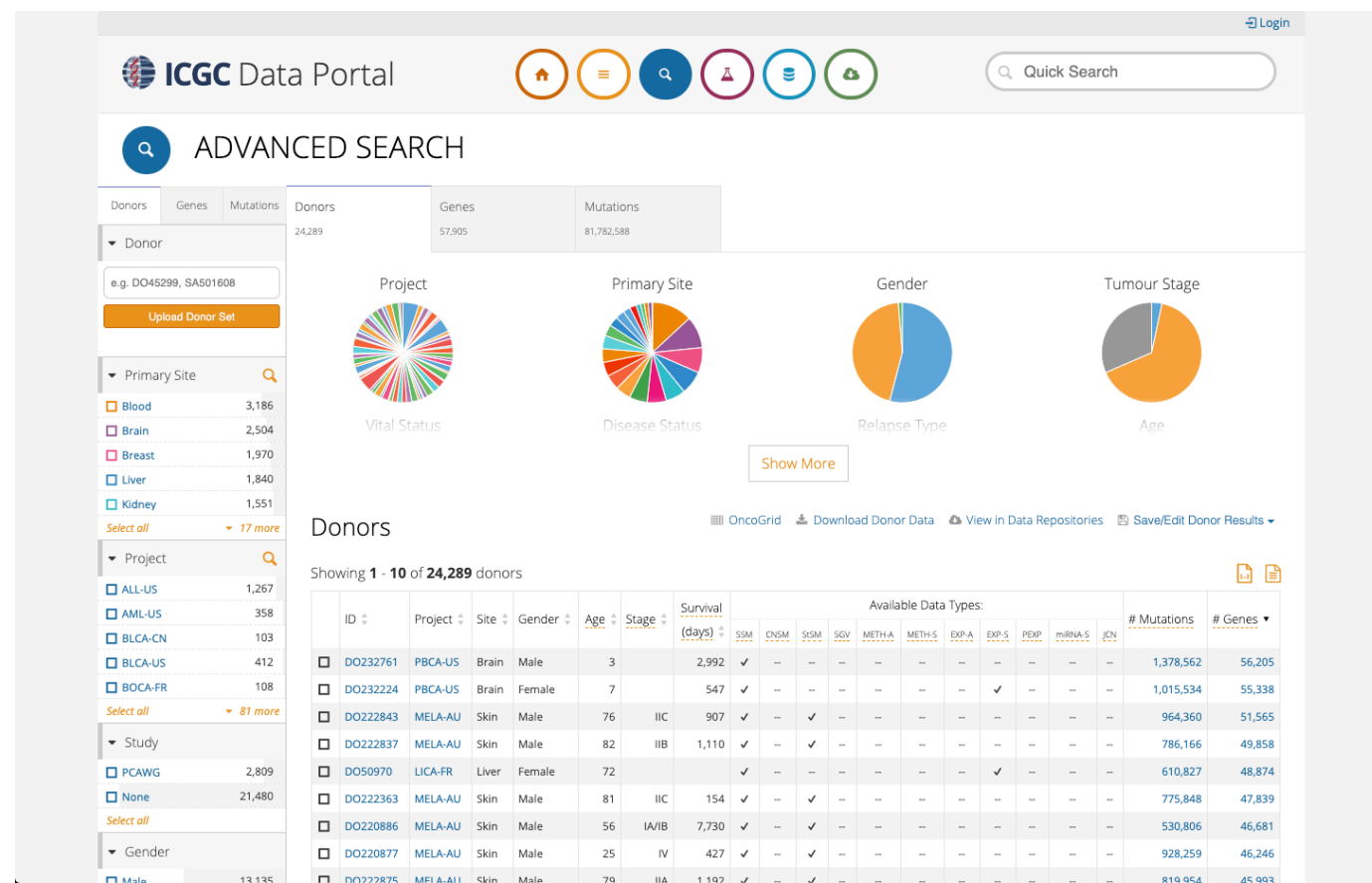
Conquering Micro-services with GraphQL

Our plan for Argo

from

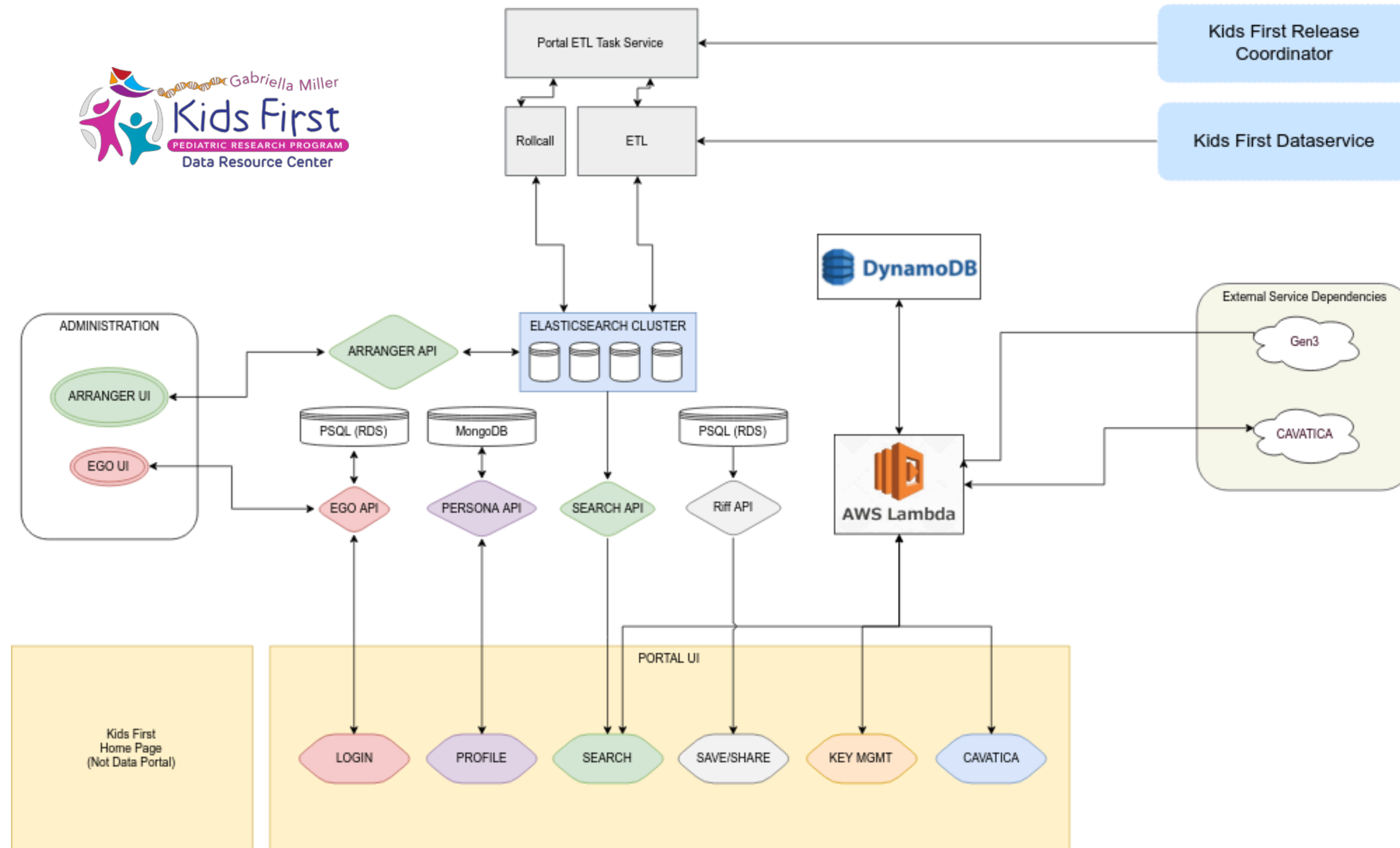


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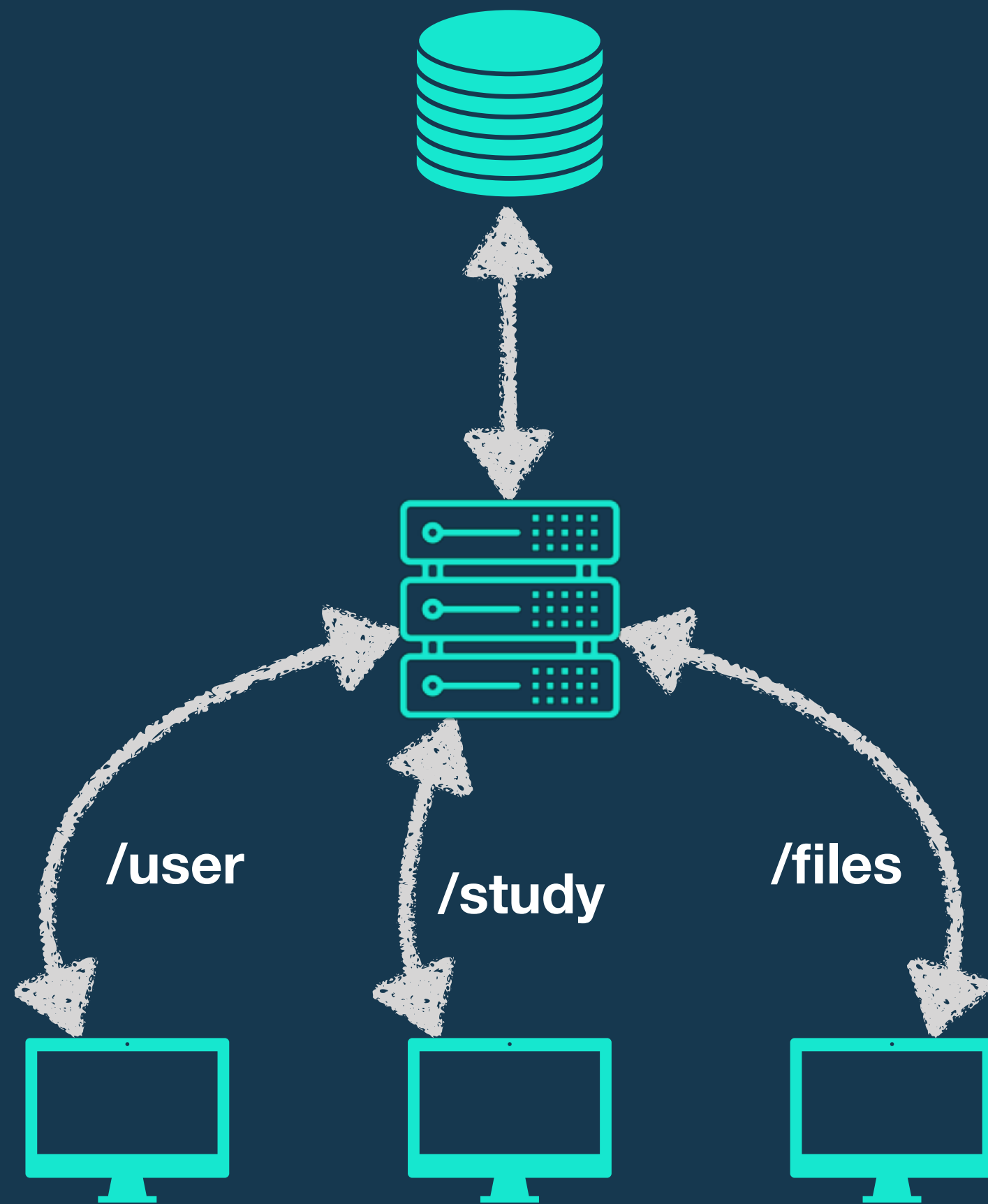


and more...

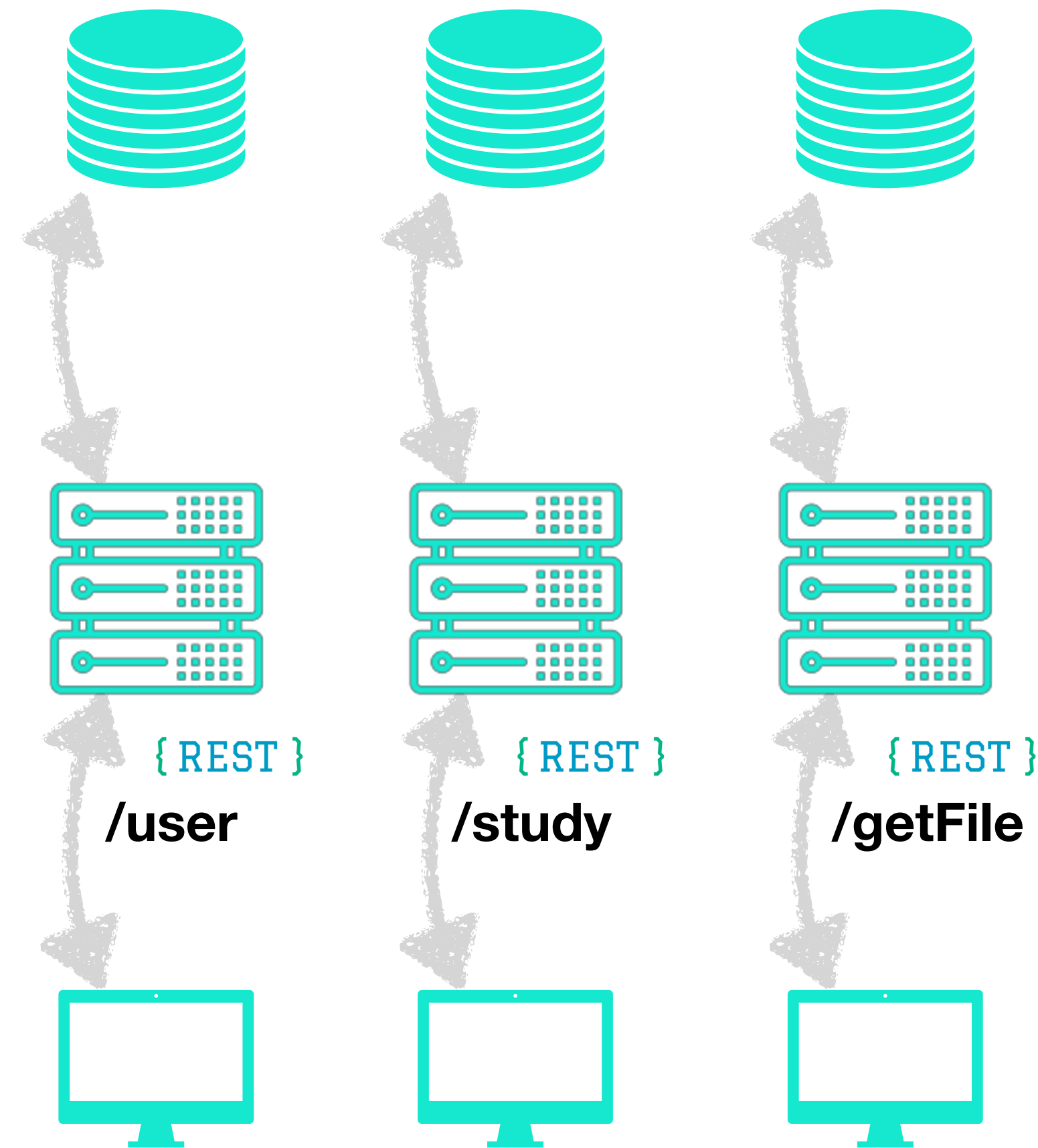
Behind the scene



Monolithic System



Micro-...what?

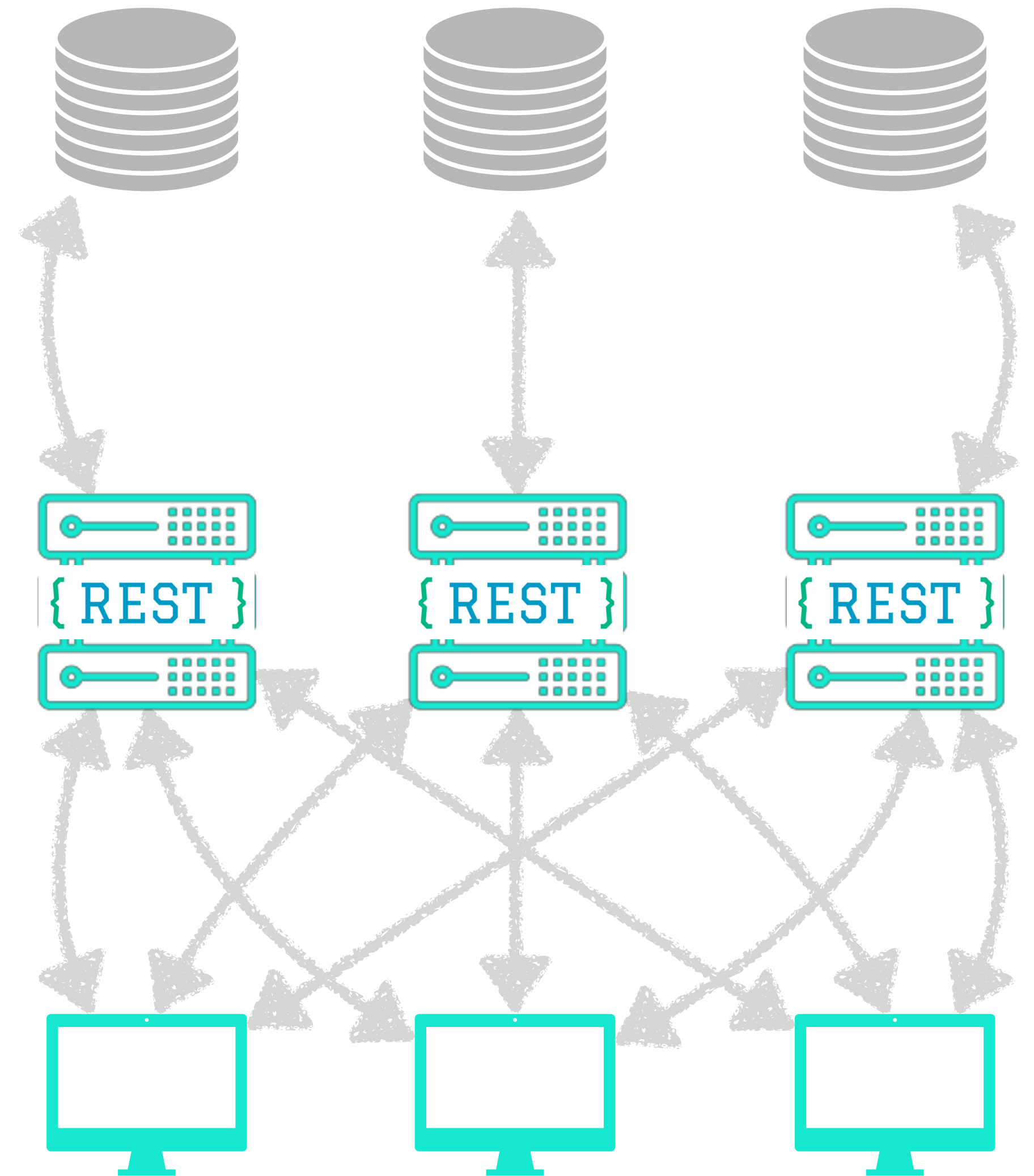


Micro-services System

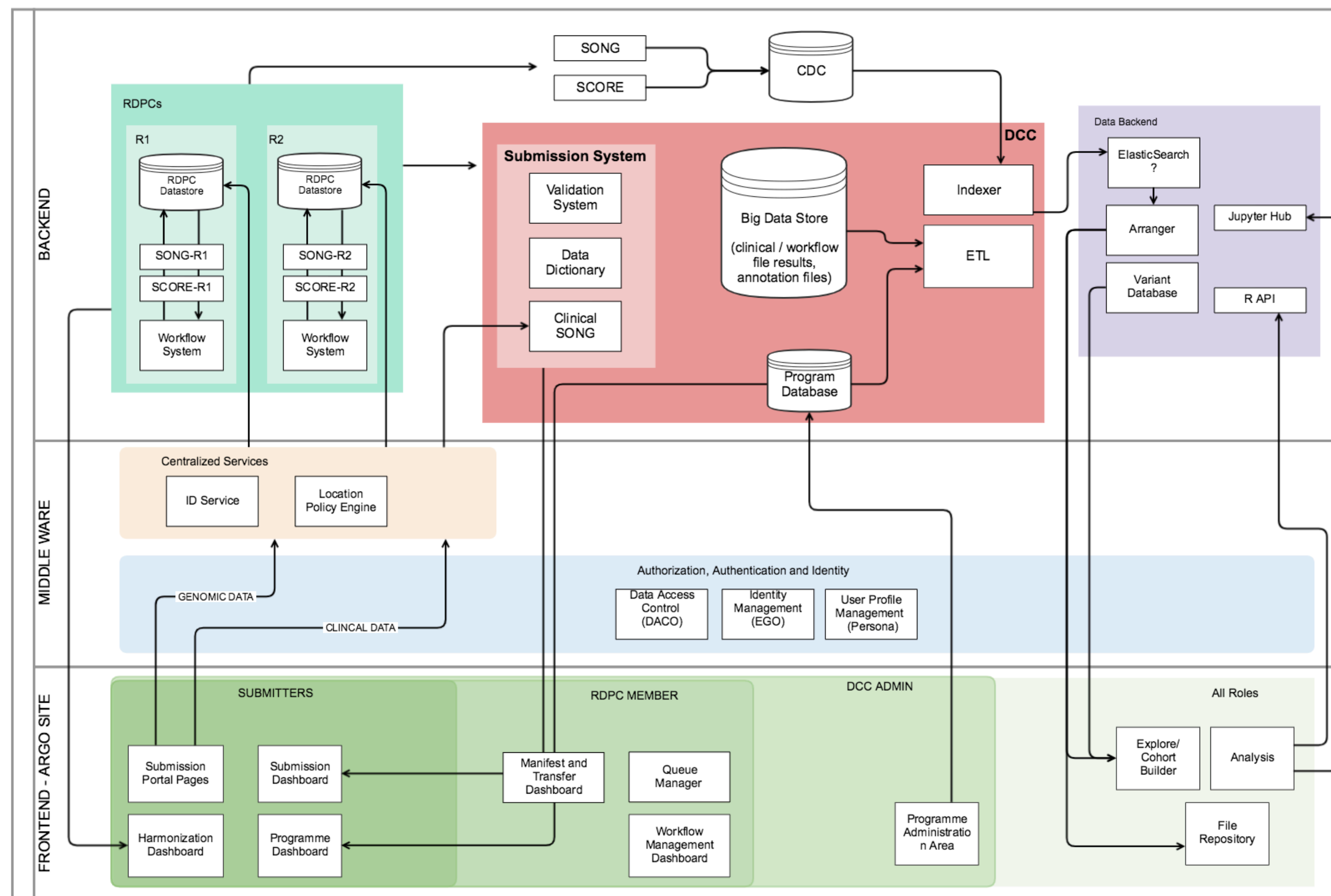
- Functionally decoupled
- Independently deployable
- Independently scalable

Some challenge

- No place to handle cross-cutting concerns
- Front-end handles heavy business logic
- Inefficiencies with **REST**:
 - Over & under-fetching
 - Lack of API schema -> manual documentation

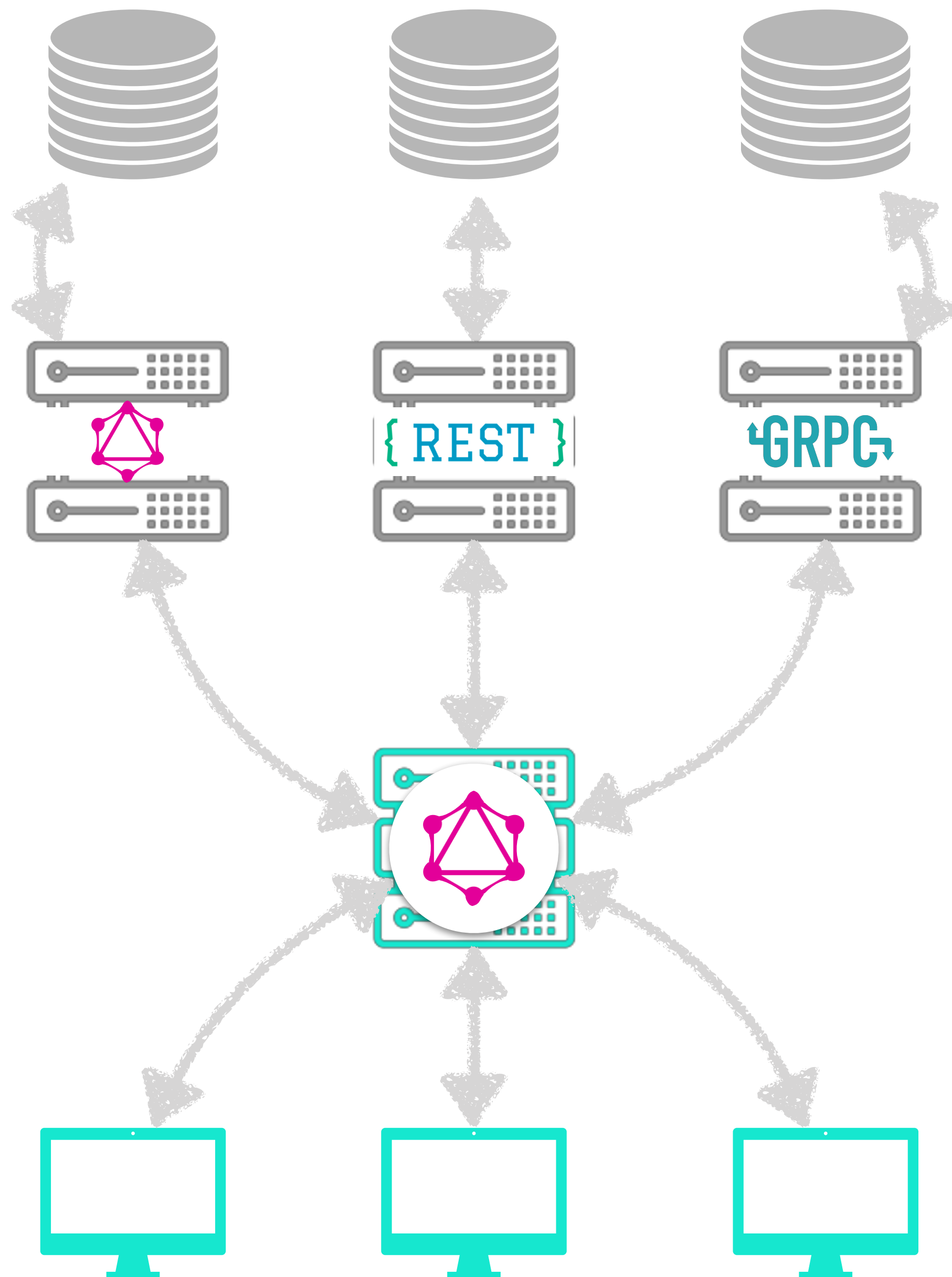


BRACE YOURSELF



ARGO IS COMING





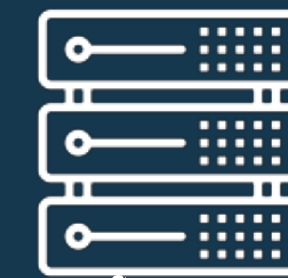
The GraphQL Solution

- An **aggregation layer** to handle cross-cutting concern
- **Why GraphQL?**
 - Explorable schema —> self-documenting
- **Schema Stitching:**
 - Modelling underlying services as an independent schemas
 - “Stitch” the schemas together as nodes in a graph
 - Network advantage: batched request

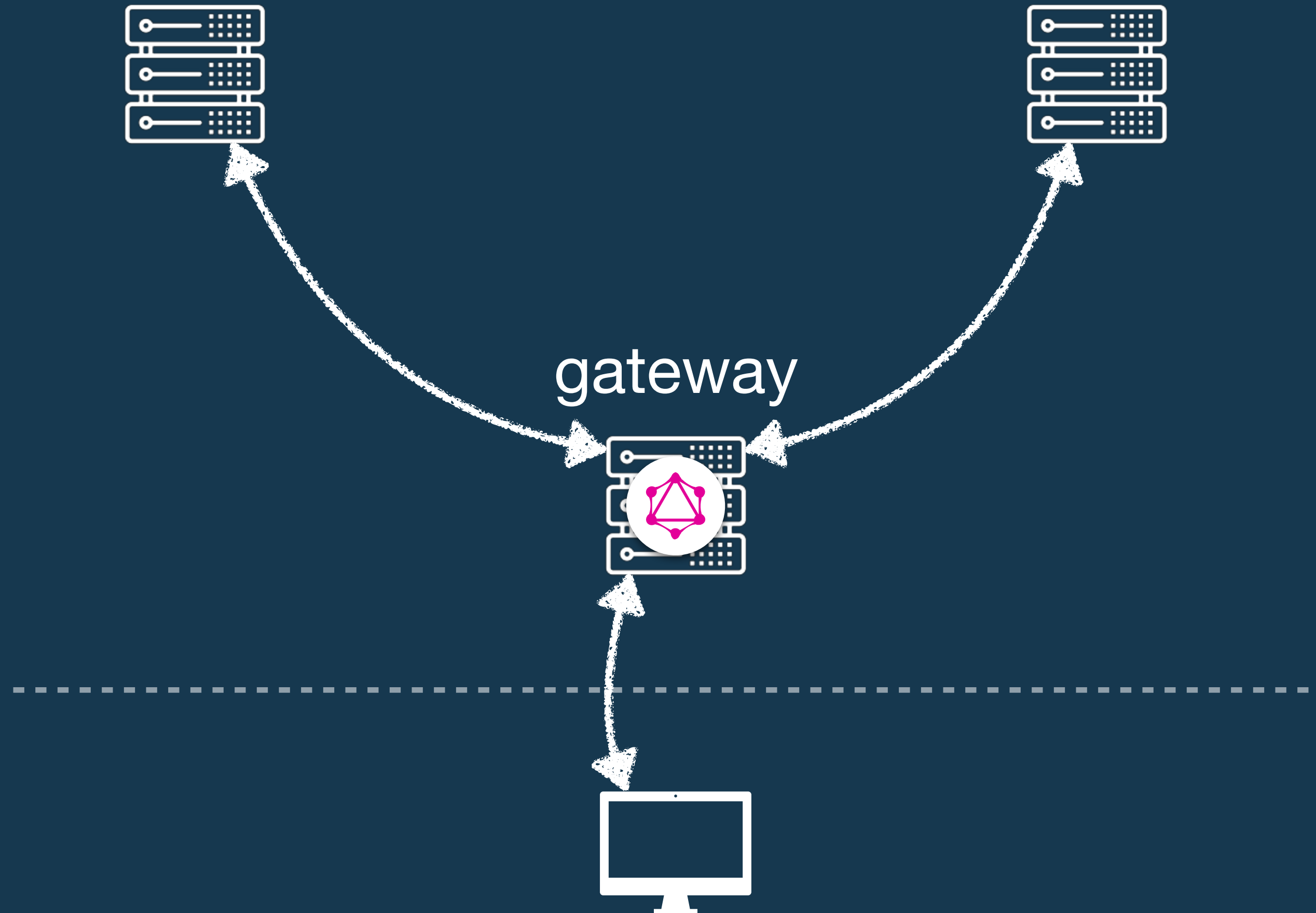
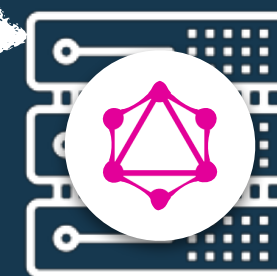
demo

user service

program service



gateway



thank you