# Data Flow
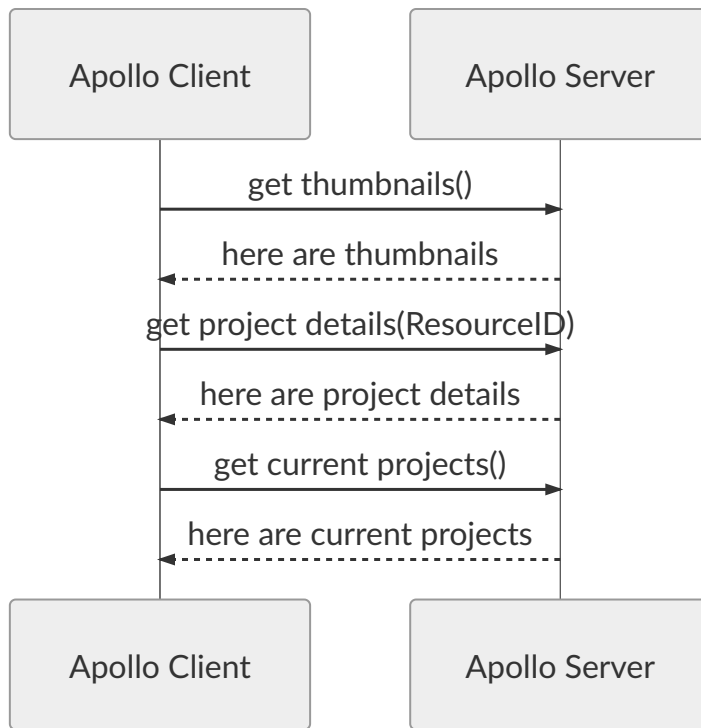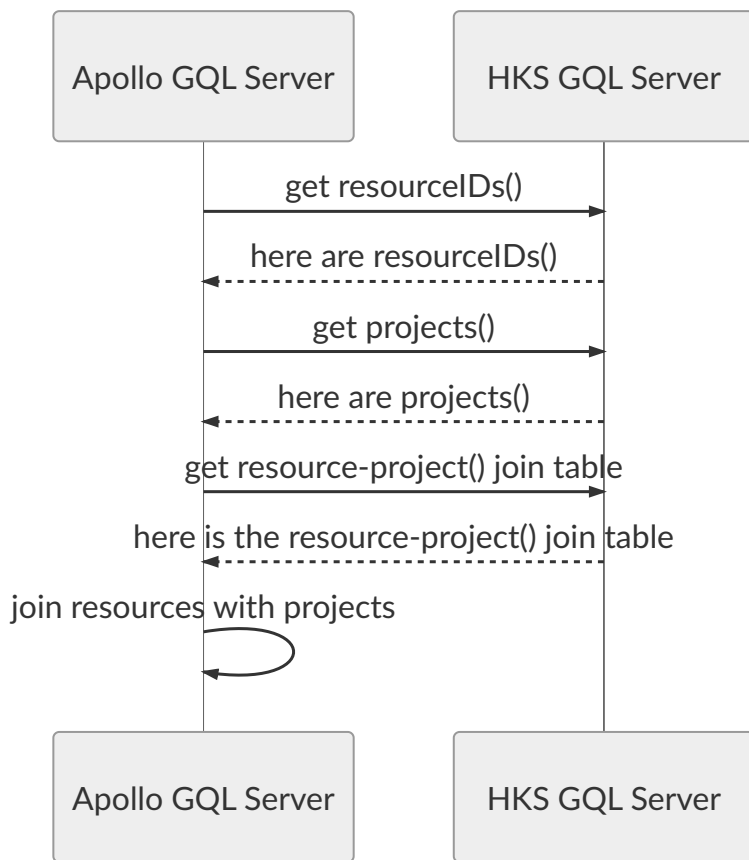
## Apollo Current



## In Reference to John's Current Drawing

- it is complex
- it requires a join in Javascript

Apollo GQL Server → HKS GQL Server: get resourceIDs()
HKS GQL Server ⇢ Apollo GQL Server: here are resourceIDs()
Apollo GQL Server → HKS GQL Server: get projects()
HKS GQL Server ⇢ Apollo GQL Server: here are projects()
Apollo GQL Server → HKS GQL Server: get resource-project() join table
HKS GQL Server ⇢ Apollo GQL Server: here is the resource-project() join table
Apollo GQL Server: join resources with projects

## 3. Proposed API

- join is done in SQL server



Apollo GQL Server → HKS GQL Server: get resource details with assignments()
HKS GQL Server ⇢ Apollo GQL Server: here are resource details with their assignments