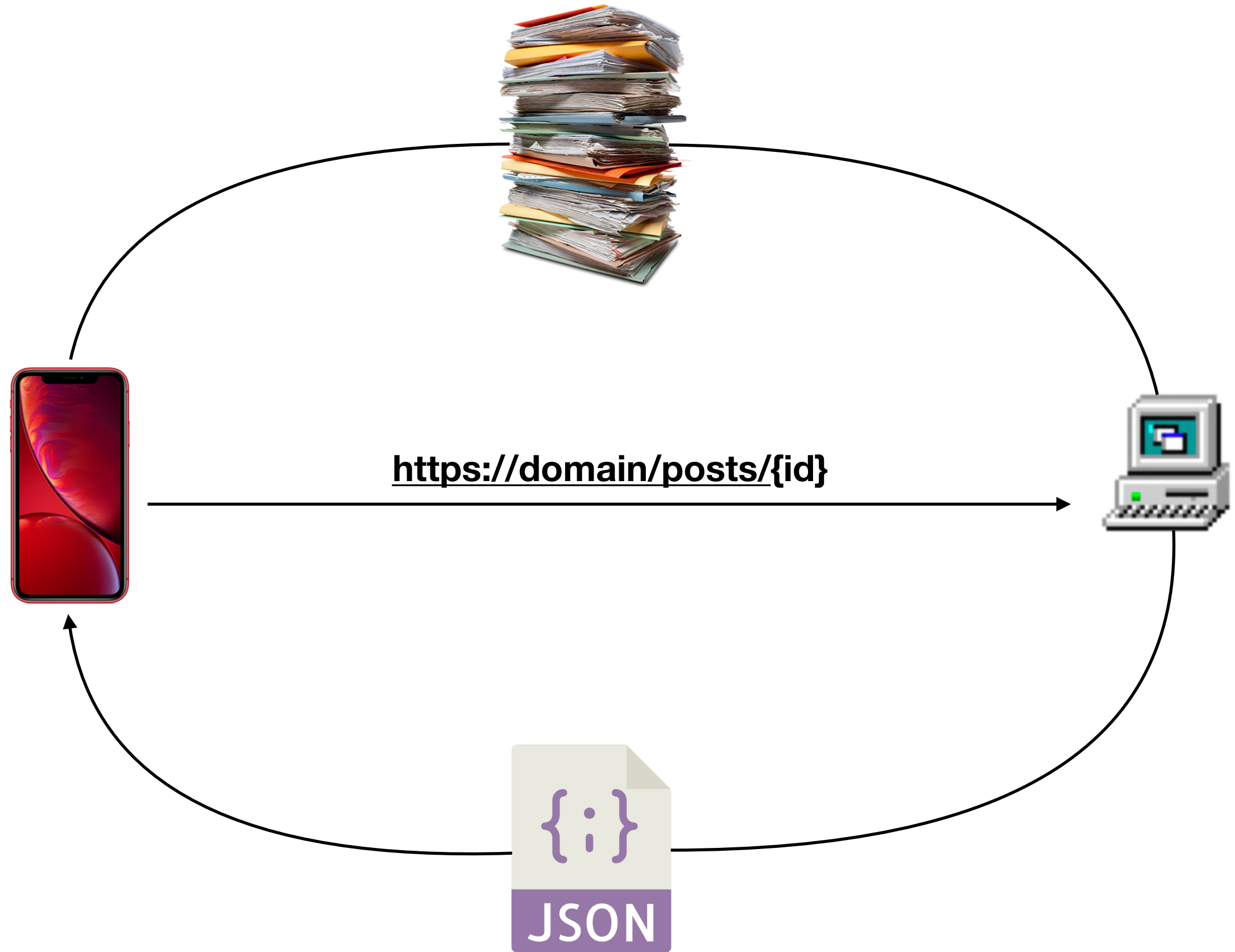
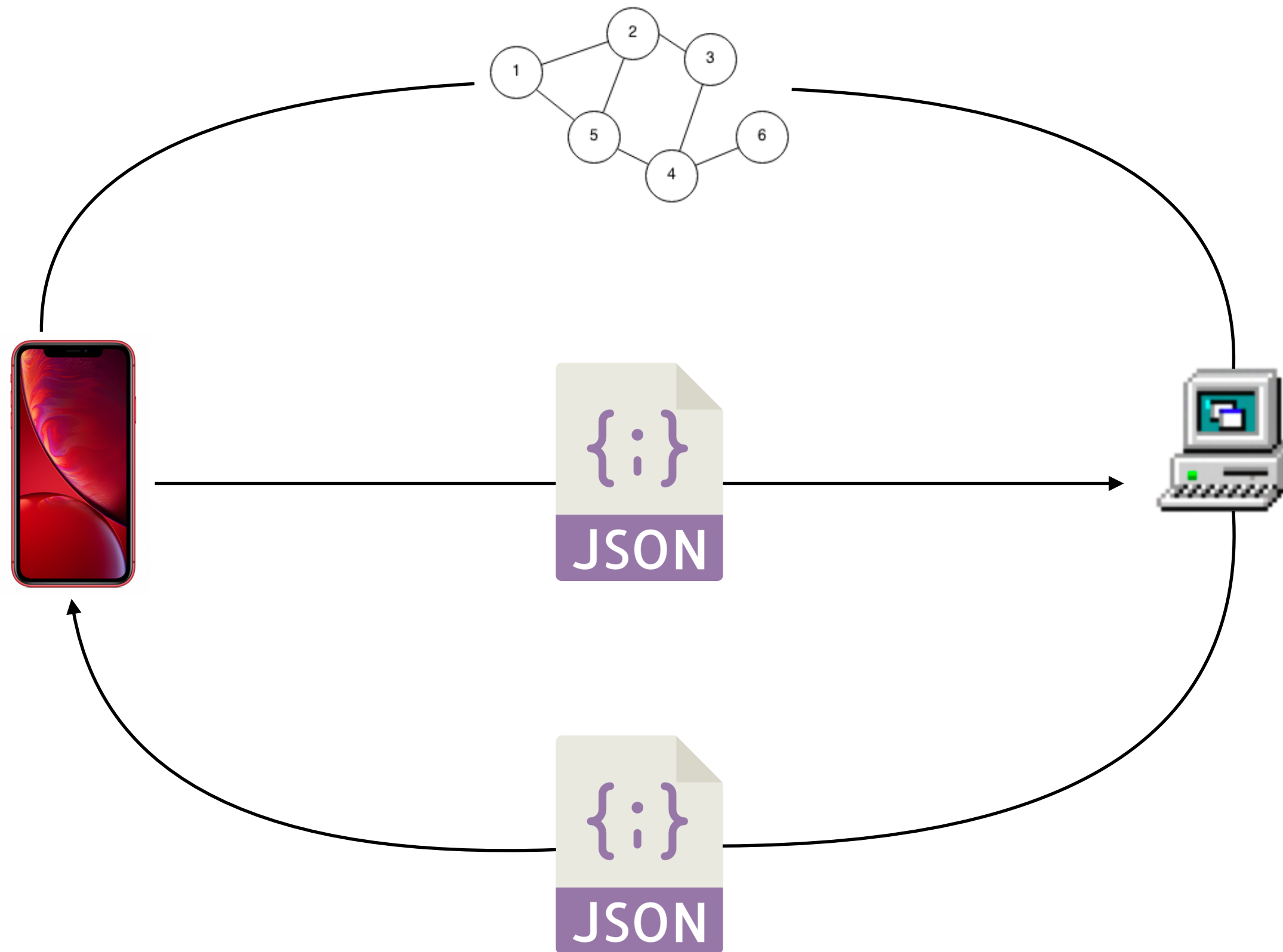


# GraphQL

Intro





# Schema

[< Query](#)

Product

×

🔍 Search Product...

No Description

IMPLEMENTS

ProductInterface

FIELDS

id: ID!

name: String!

description: String

price(currency: String): String!

suggestedProducts: [ProductInterface]!

# Schema

```
"kind": "OBJECT",
"name": "Product",
"description": "",
"fields": [
  {
    "name": "id",
    "description": "",
    "args": [],
    "type": {
      "kind": "NON_NULL",
      "name": null,
      "ofType": {
        "kind": "SCALAR",
        "name": "ID",
        "ofType": null
      }
    }
  },
  "isDeprecated": false,
  "deprecationReason": null
}
```

# Schema

```
"name": "suggestedProducts",  
"description": "",  
"args": [],  
"type": {  
  "kind": "NON_NULL",  
  "name": null,  
  "ofType": {  
    "kind": "LIST",  
    "name": null,  
    "ofType": {  
      "kind": "INTERFACE",  
      "name": "ProductInterface",  
      "ofType": null  
    }  
  }  
},  
"isDeprecated": false,  
"deprecationReason": null
```

# Schema

```
"kind": "OBJECT",
"name": "Query",
"description": "",
"fields": [
  {
    "name": "product",
    "description": "",
    "args": [
      {
        "name": "id",
        "description": "",
        "type": {
          "kind": "NON_NULL",
          "name": null,
          "ofType": {
            "kind": "SCALAR",
            "name": "ID",
            "ofType": null
          }
        },
        "defaultValue": null
      },
    ],
    "defaultValue": null
  },
],
]
```

# Request

```
query GetDetailFragmentProduct($id: ID!) {  
  product(id: $id) {  
    ... ProductFragment  
    suggestedProducts {  
      ... ProductFragment  
      ... on RelatedProduct {  
        commonTags  
      }  
      ... on PromotionalProduct {  
        discount  
      }  
    }  
  }  
  user {  
    discount  
    age  
  }  
}  
  
fragment ProductDetails on ProductInterface {  
  id  
  name  
  description  
  price(currency: "USD")  
}
```



# API.swift

```
public final class GetFragmentProductQuery: GraphQLQuery {
    public let operationDefinition =
        "query GetFragmentProduct($id: ID!) {\n  product(id: $id) {\n    __typename\n    ...ProductFragment\n  }\n  suggestedProducts {\n    __typename\n    ...ProductFragment\n  }\n}"

    public var queryDocument: String { return operationDefinition.appending(ProductFragment.fragmentDefinition) }

    public var id: GraphQLID

    public init(id: GraphQLID) {
        self.id = id
    }

    public var variables: GraphQLMap? {
        return ["id": id]
    }

    public struct Data: GraphQLSelectionSet {
        public static let possibleTypes = ["Query"]

        public static let selections: [GraphQLSelection] = [
            GraphQLField("product", arguments: ["id": GraphQLVariable("id")], type: .object(Product.selections)),
        ]

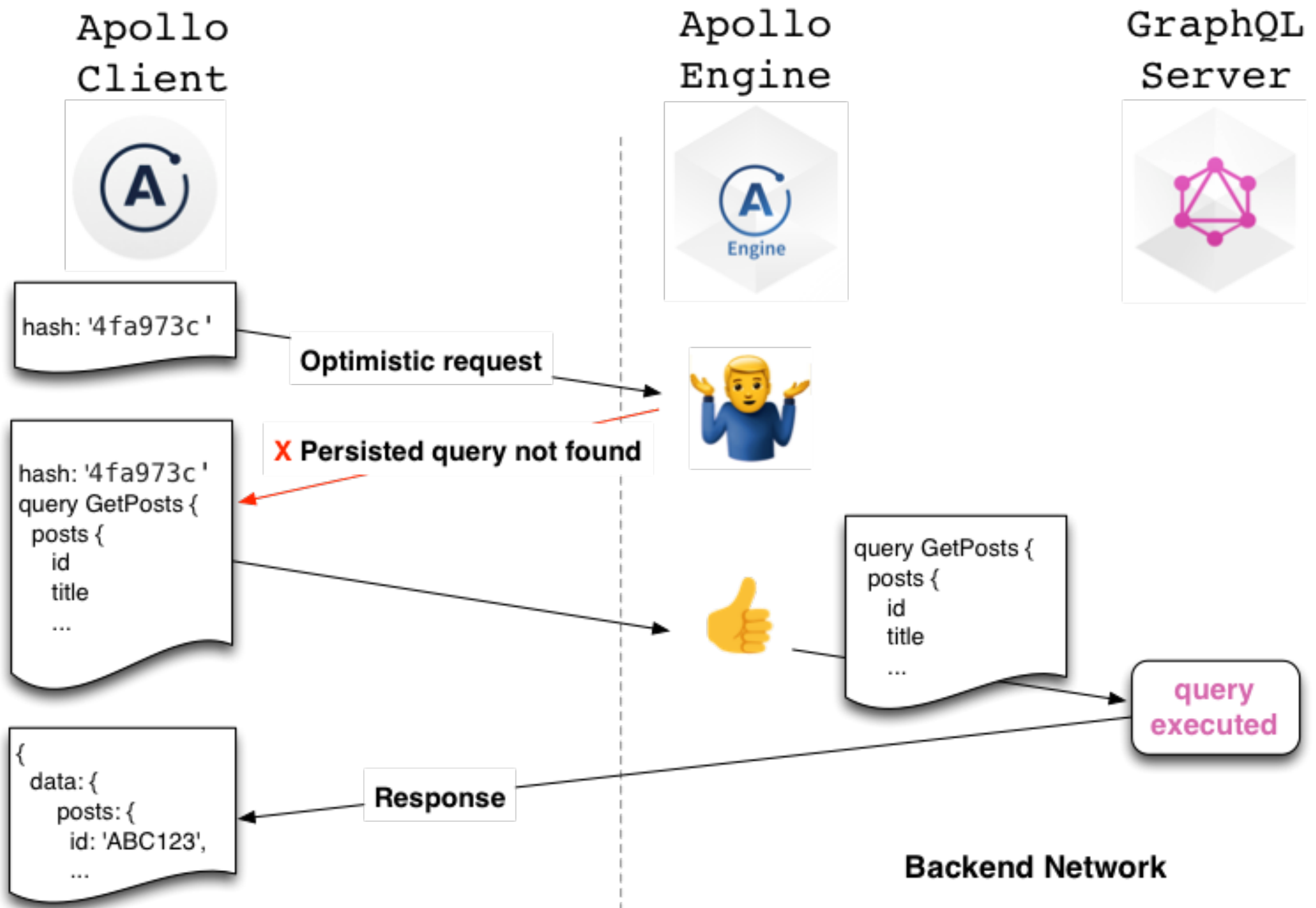
        public private(set) var resultMap: ResultMap

        public init(unsafeResultMap: ResultMap) {
            self.resultMap = unsafeResultMap
        }

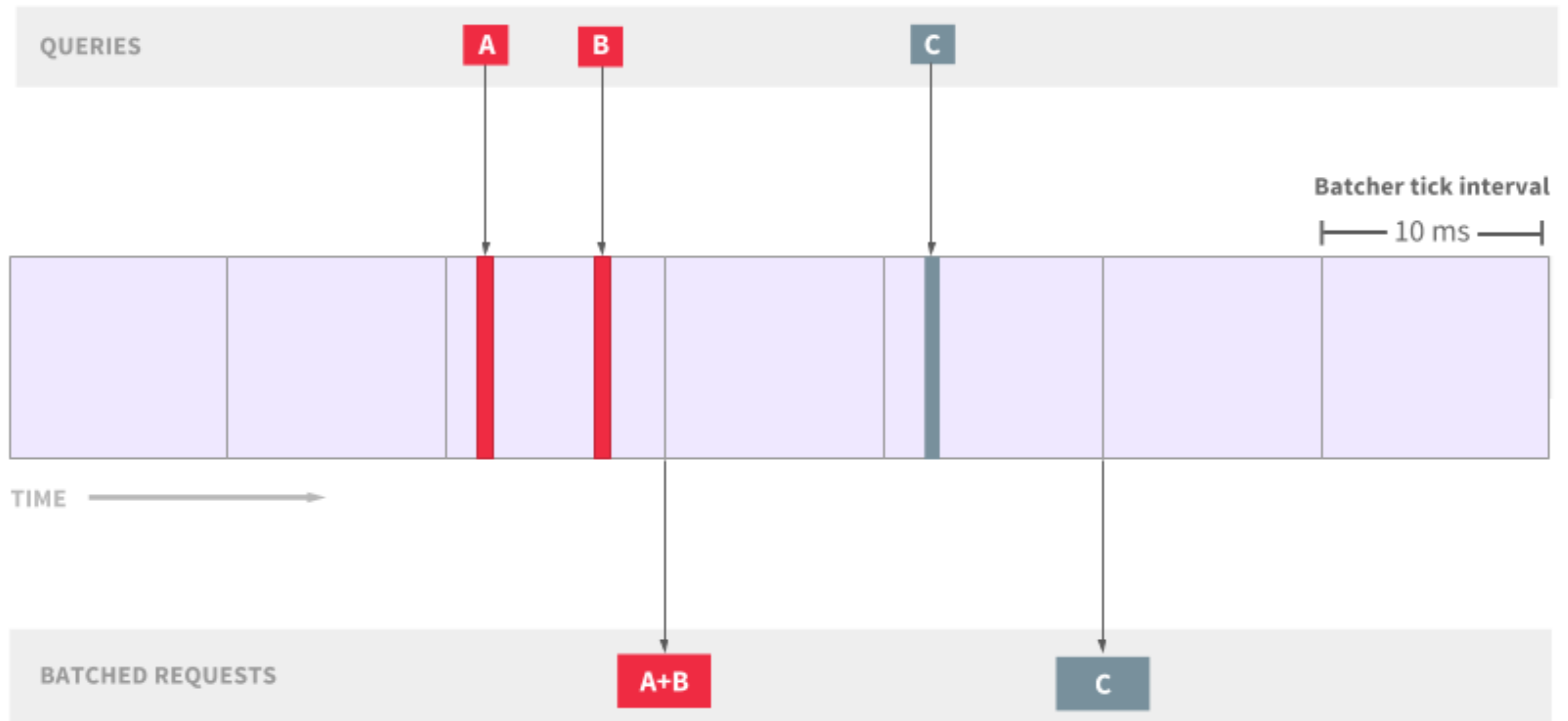
        public init(product: Product? = nil) {
            self.init(unsafeResultMap: ["__typename": "Query", "product": product.flatMap { (value: Product) -> ResultMap in
                value.resultMap }])
        }

        public var product: Product? {
            get {
                return (resultMap["product"] as? ResultMap).flatMap { Product(unsafeResultMap: $0) }
            }
            set {
                resultMap.updateValue(newValue?.resultMap, forKey: "product")
            }
        }
    }
}
```

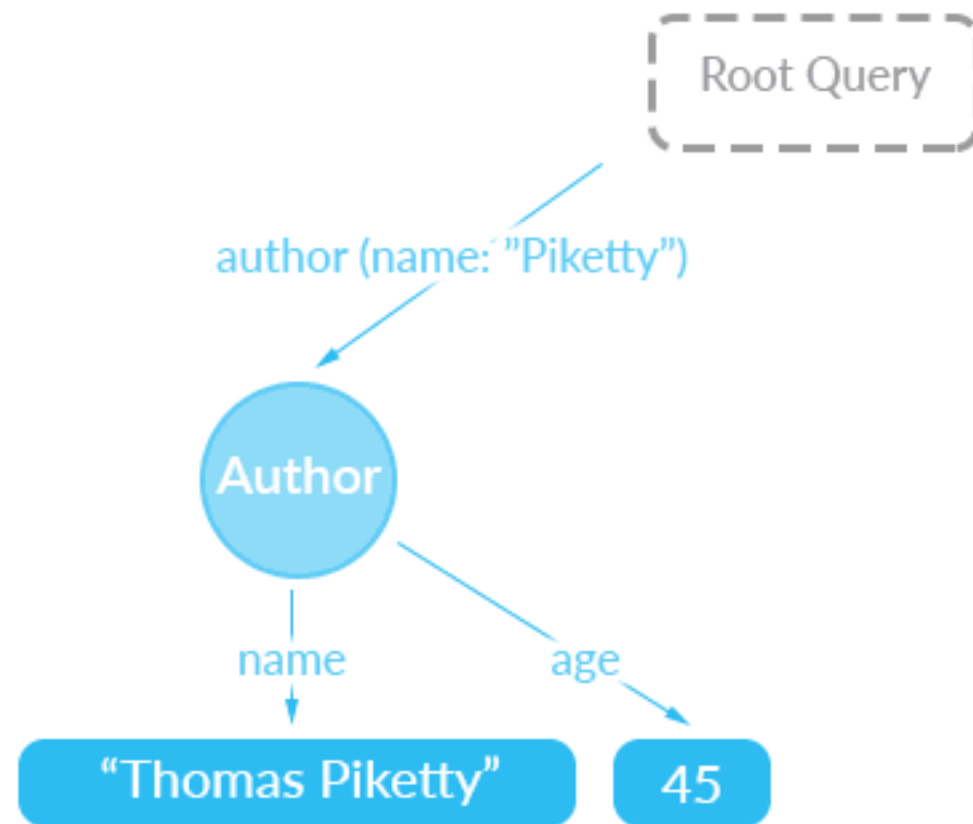
# Request body hashing



# Batching

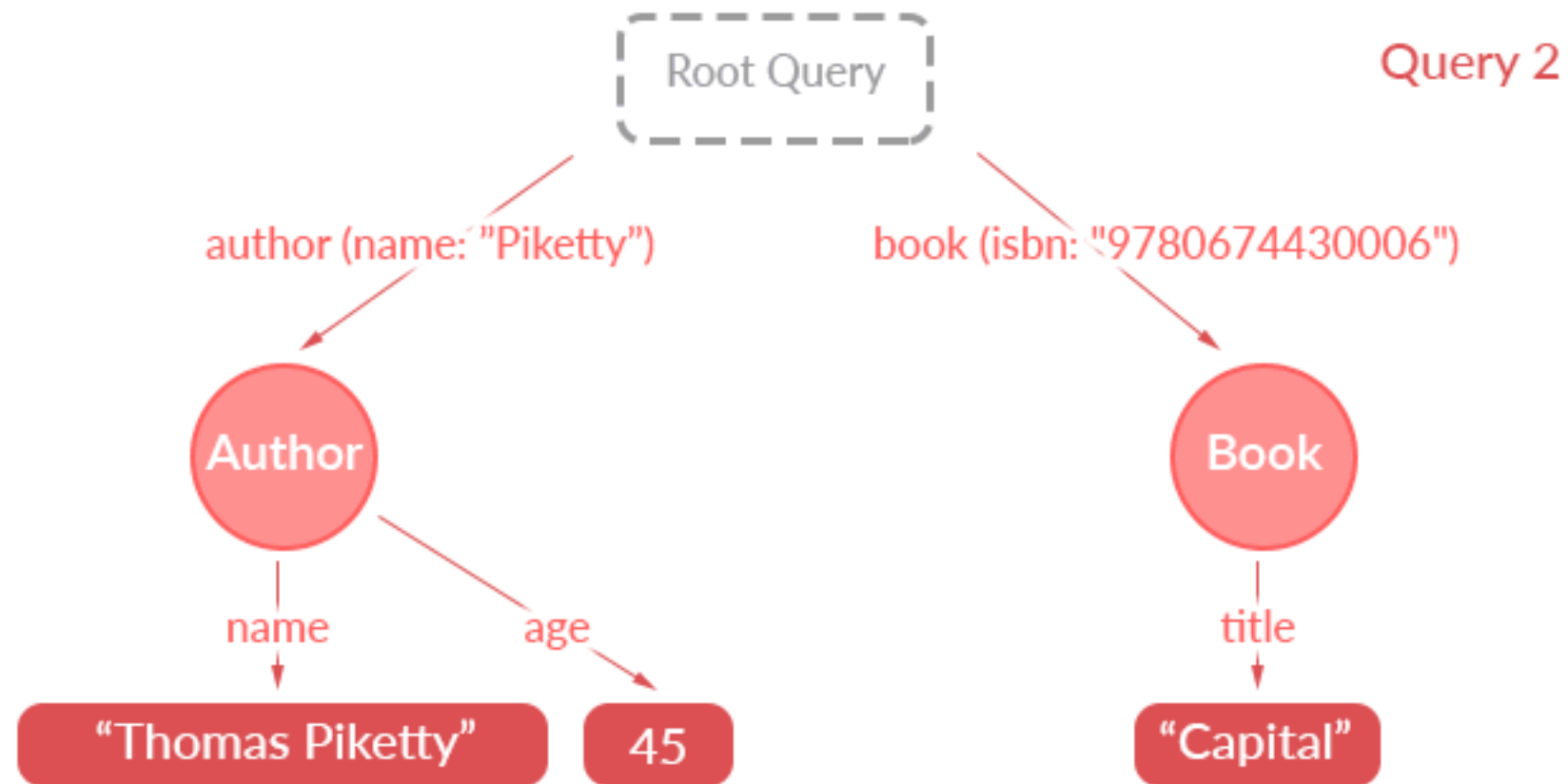


# Cache

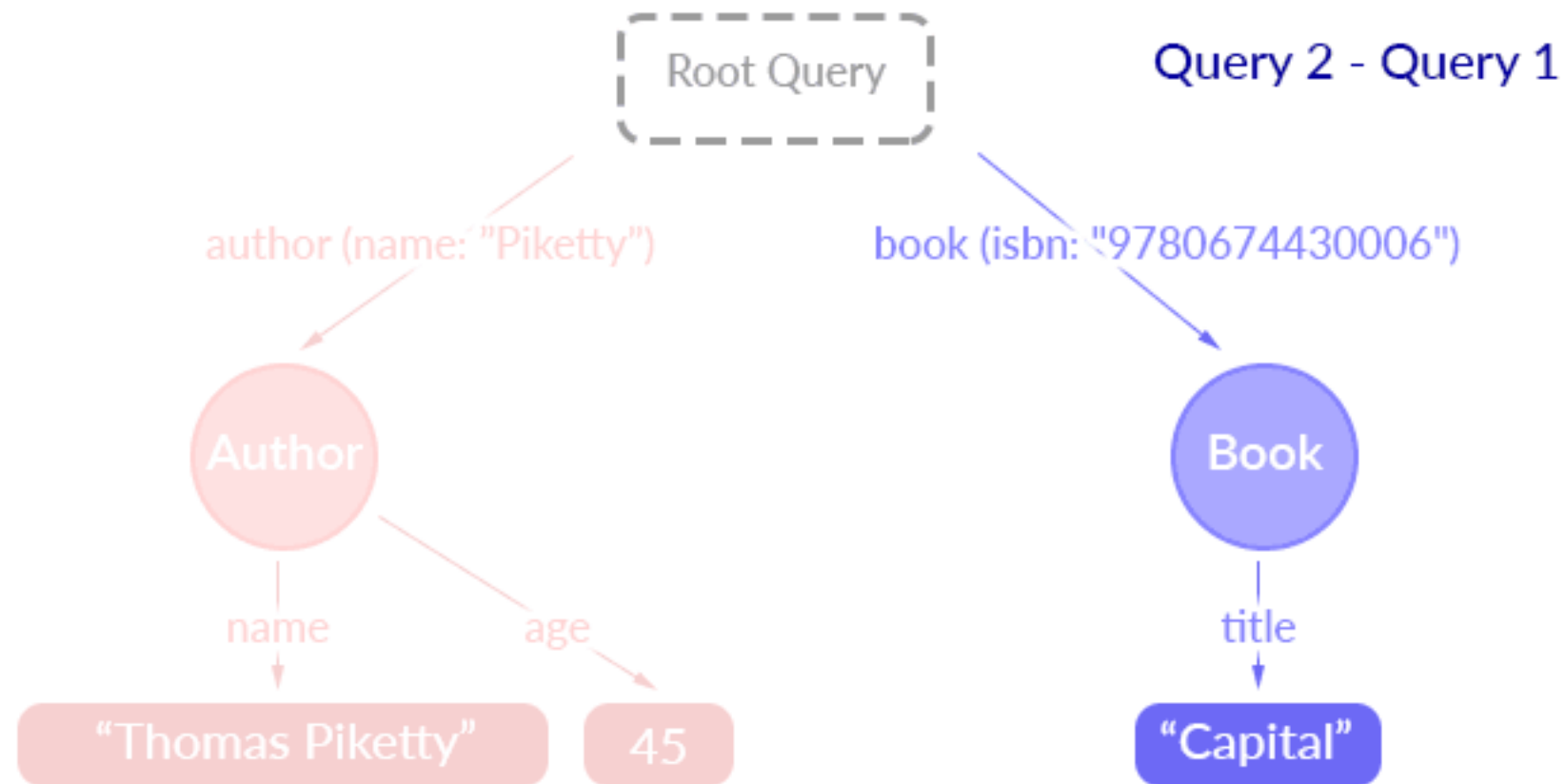


Query 1

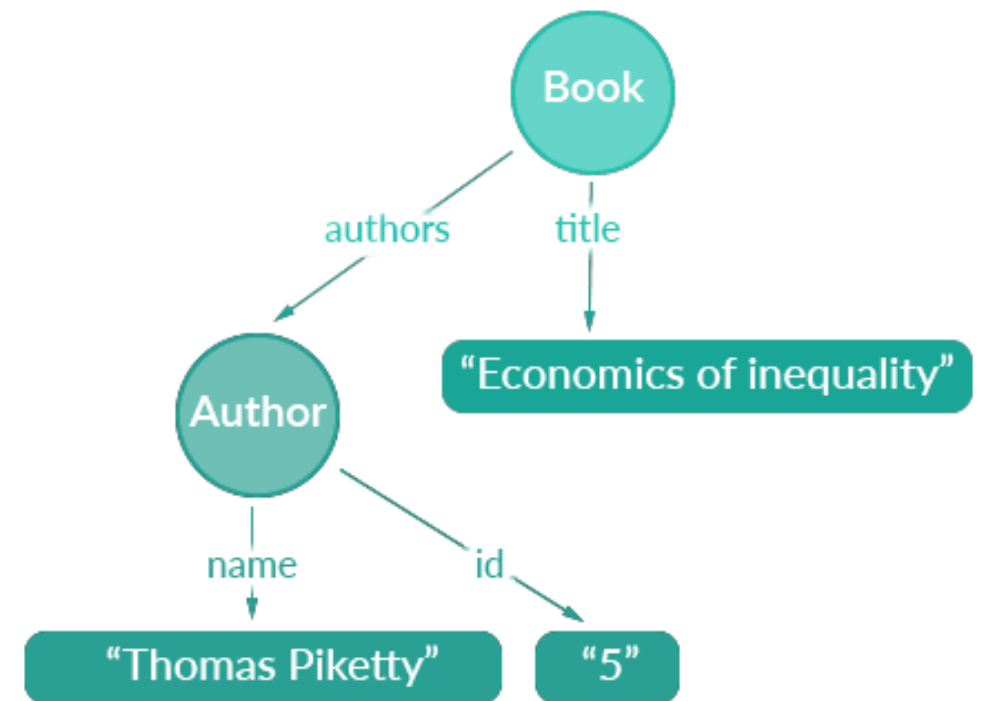
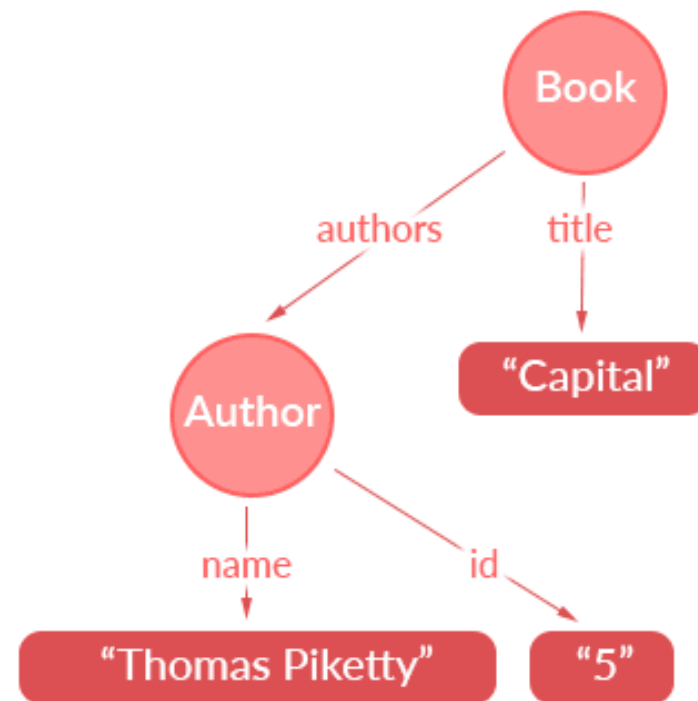
# Cache



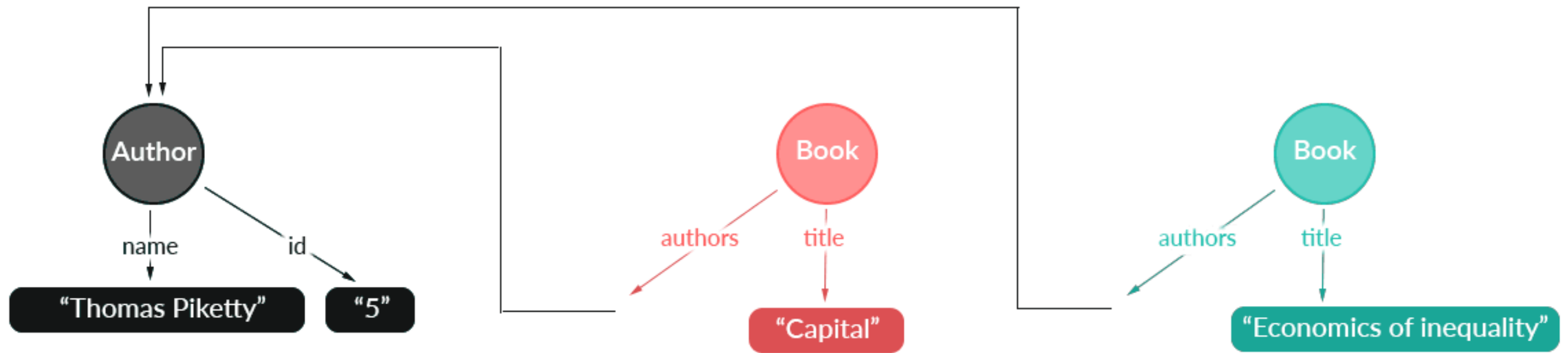
# Cache



# Cache



# Cache







Product Hunt



**Fin**