

# Advanced HTTP Requests and Error Handling

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# Handling HTTP Errors



**Encapsulate HTTP errors in a service**

**Don't expose implementation details to the component**

**Use the RxJS “catchError” operator**

**Return custom errors to components**



# Demo



## Handling HTTP errors



# What Are Resolvers?

Fetch data before navigating

Prevent presentation of an empty component

Prevent routing to component with errors

Provide better user experience (maybe)



# Route Transitions Without Resolvers



# Route Transitions Without Resolvers

Summary Data

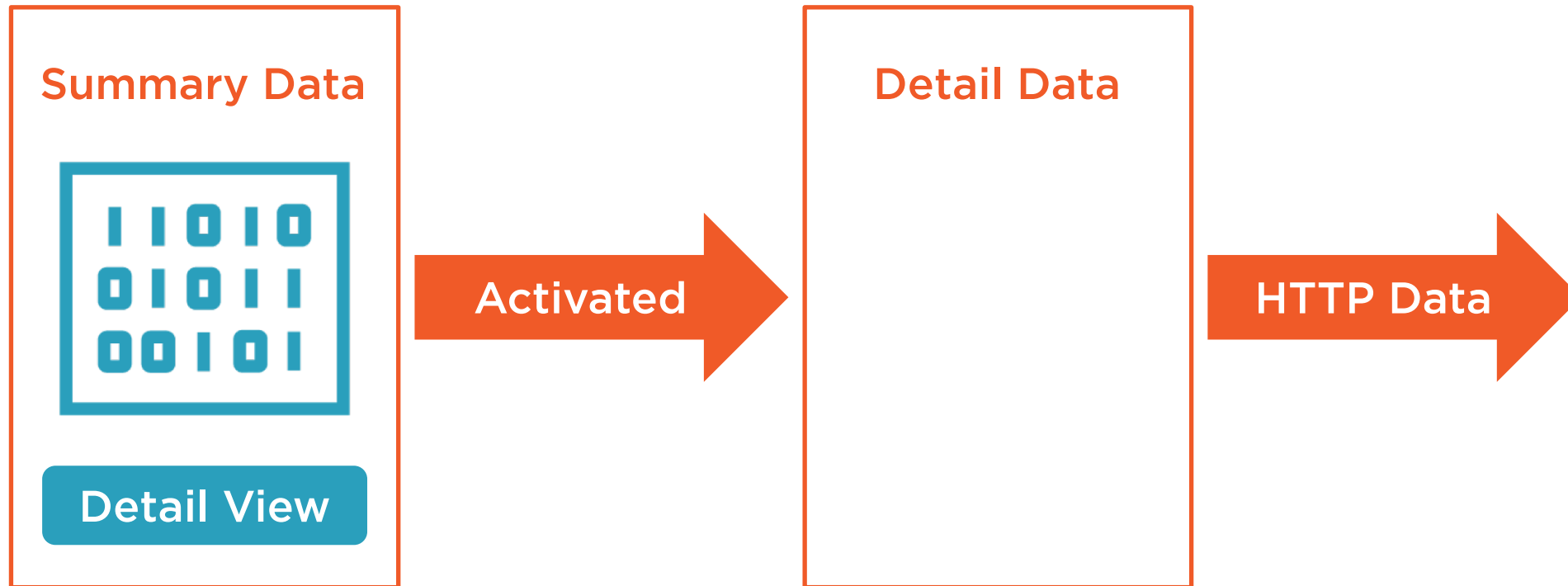


|   |   |   |   |   |
|---|---|---|---|---|
| 1 | 1 | 0 | 1 | 0 |
| 0 | 1 | 0 | 1 | 1 |
| 0 | 0 | 1 | 0 | 1 |

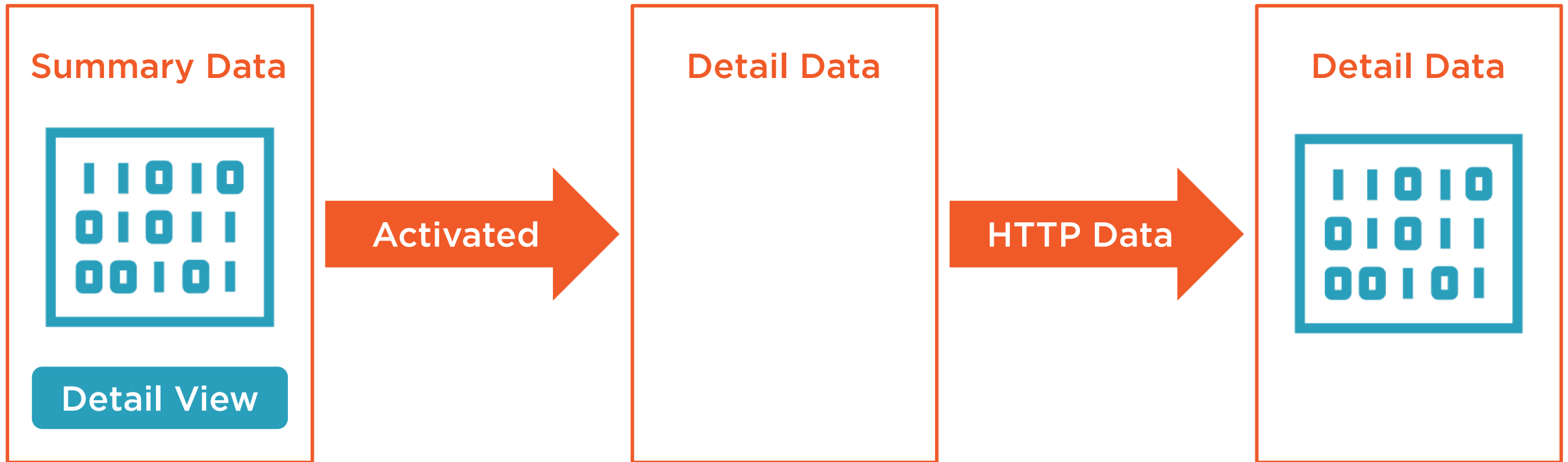
Detail View



# Route Transitions Without Resolvers



# Route Transitions Without Resolvers





# Route Transitions With Resolvers



# Route Transitions With Resolvers

Summary Data

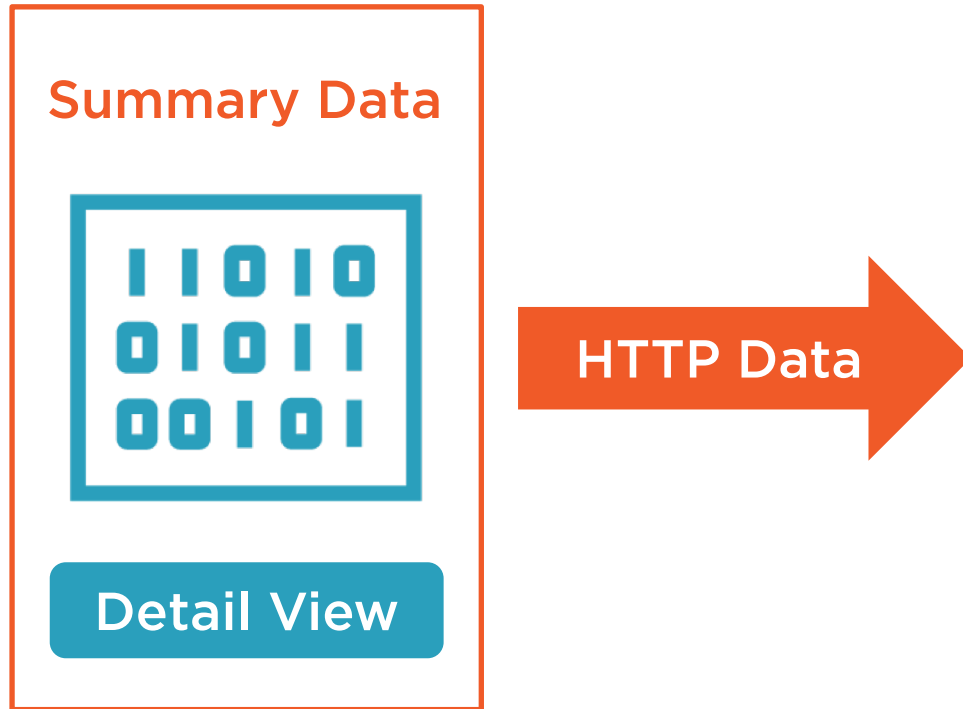


|   |   |   |   |   |
|---|---|---|---|---|
| 1 | 1 | 0 | 1 | 0 |
| 0 | 1 | 0 | 1 | 1 |
| 0 | 0 | 1 | 0 | 1 |

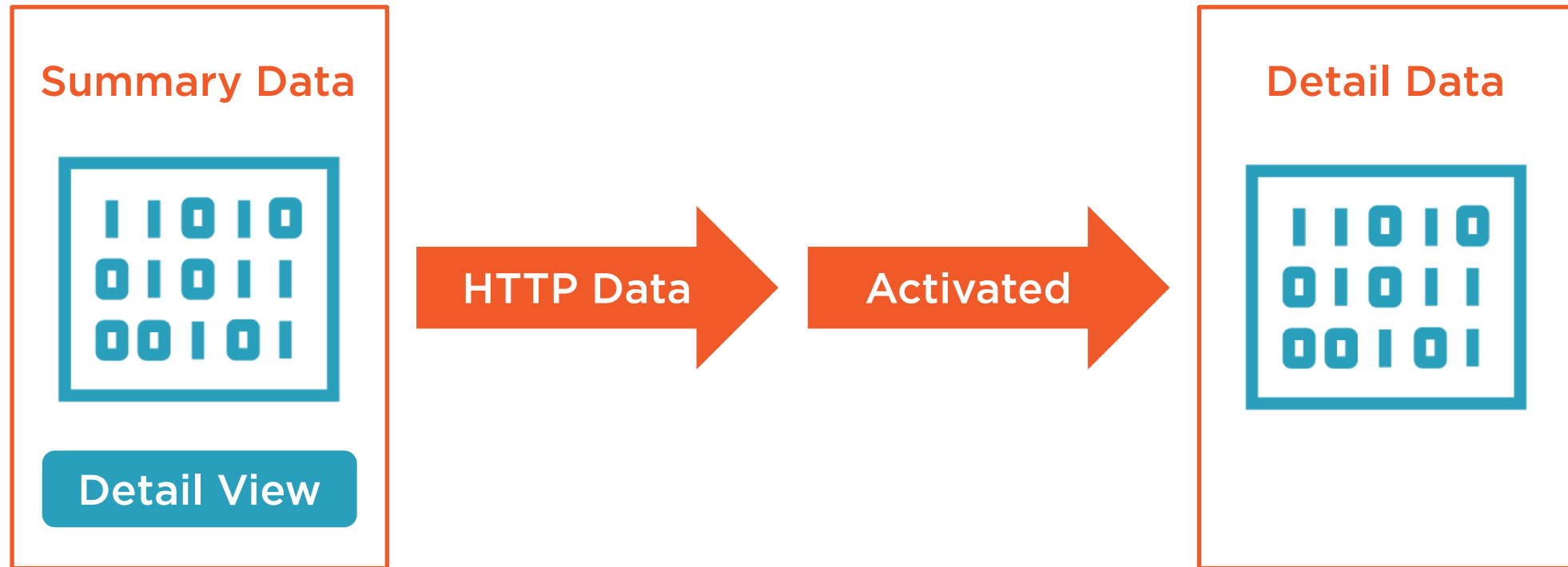
Detail View



# Route Transitions With Resolvers



# Route Transitions With Resolvers



# Demo



## Retrieving data over HTTP with Resolvers

