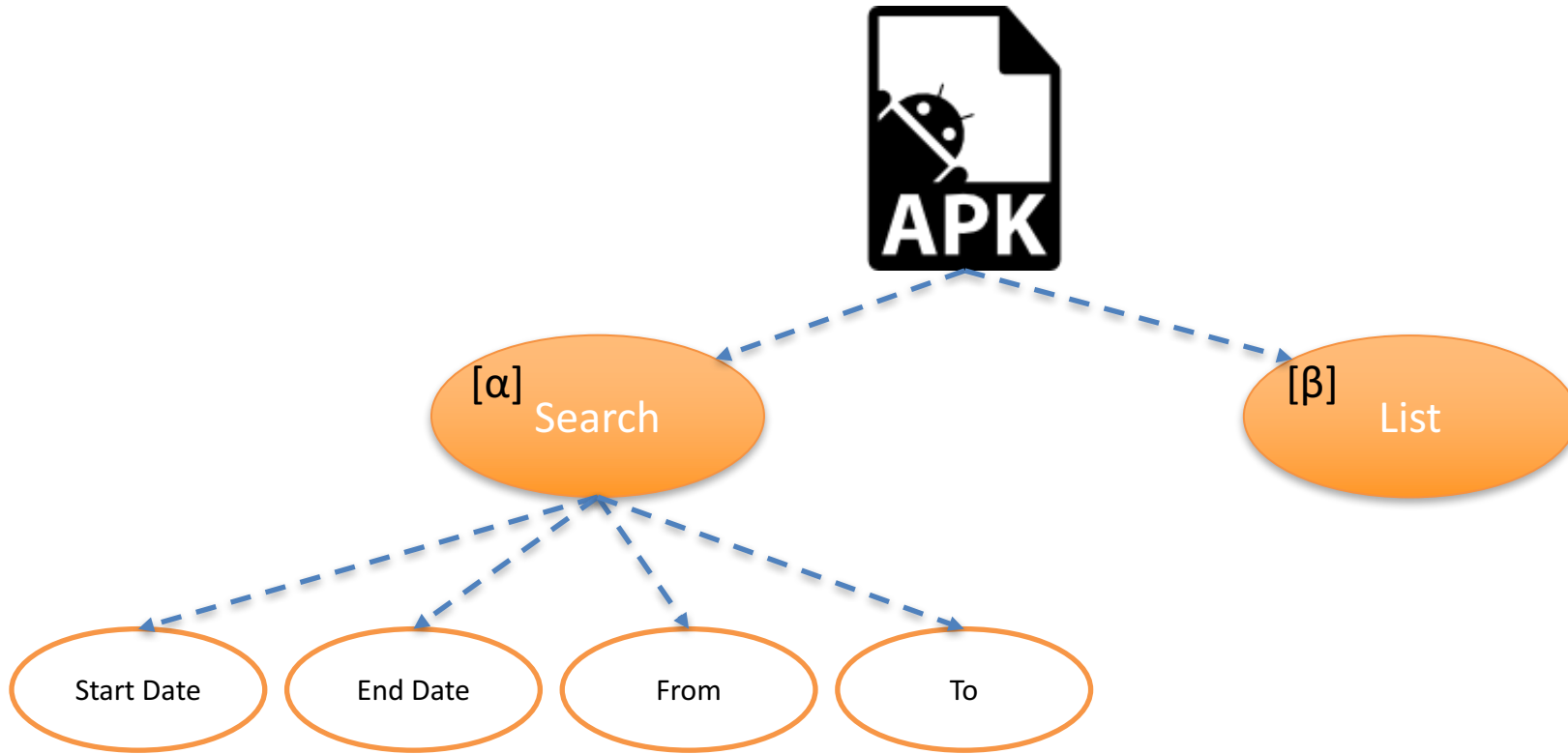


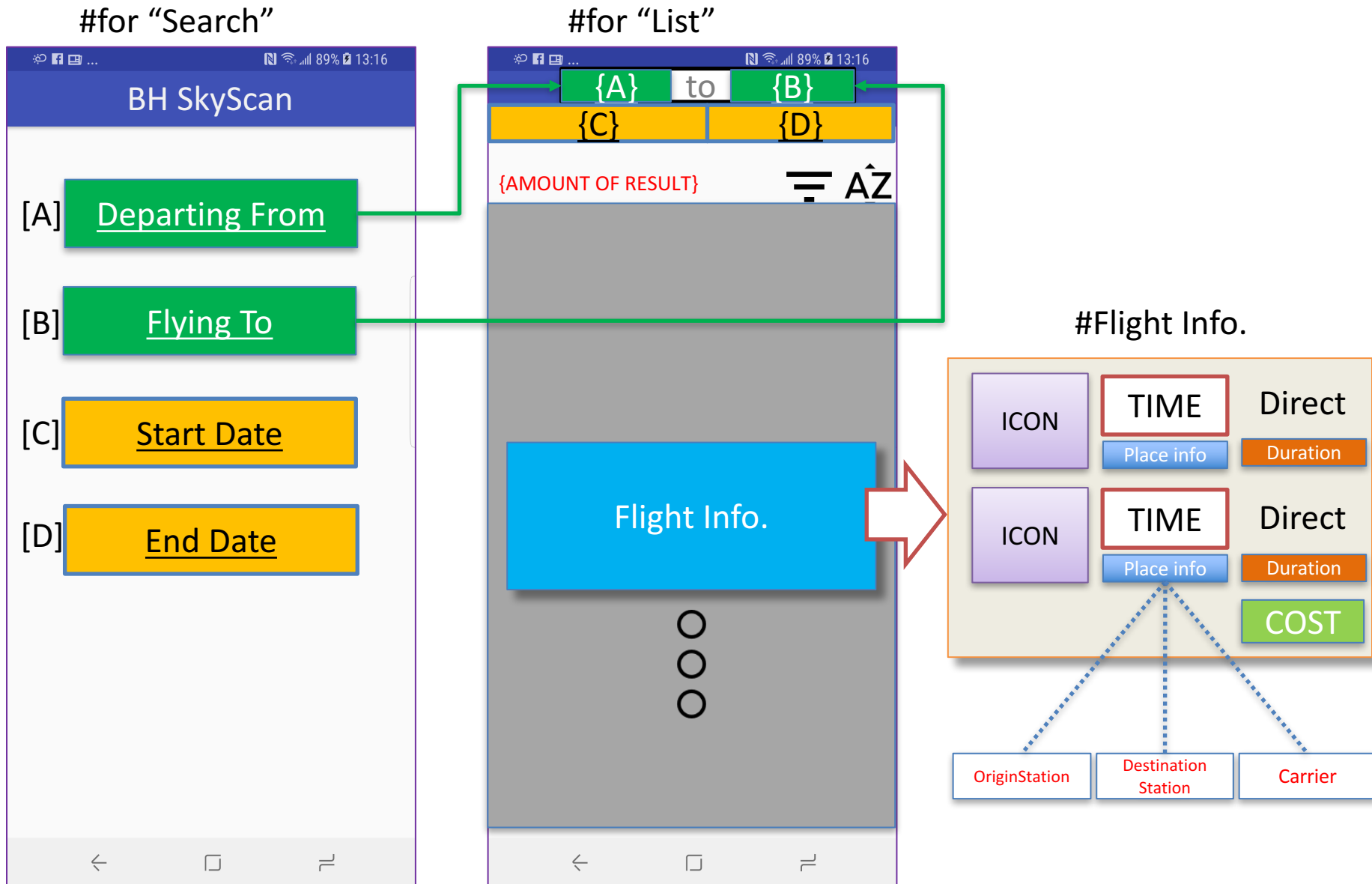


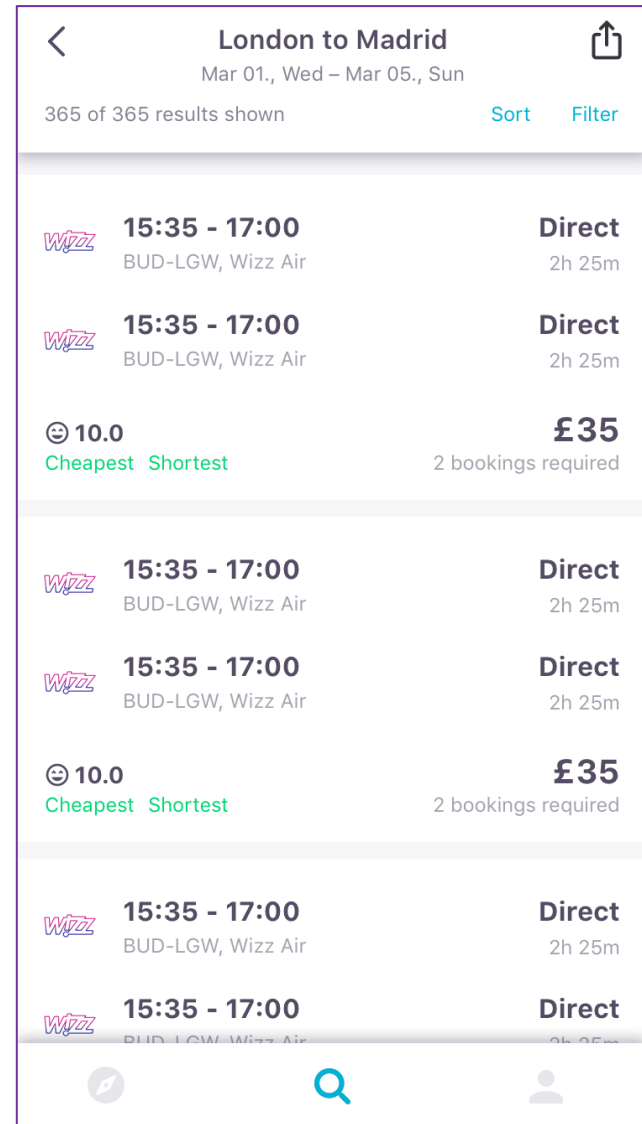
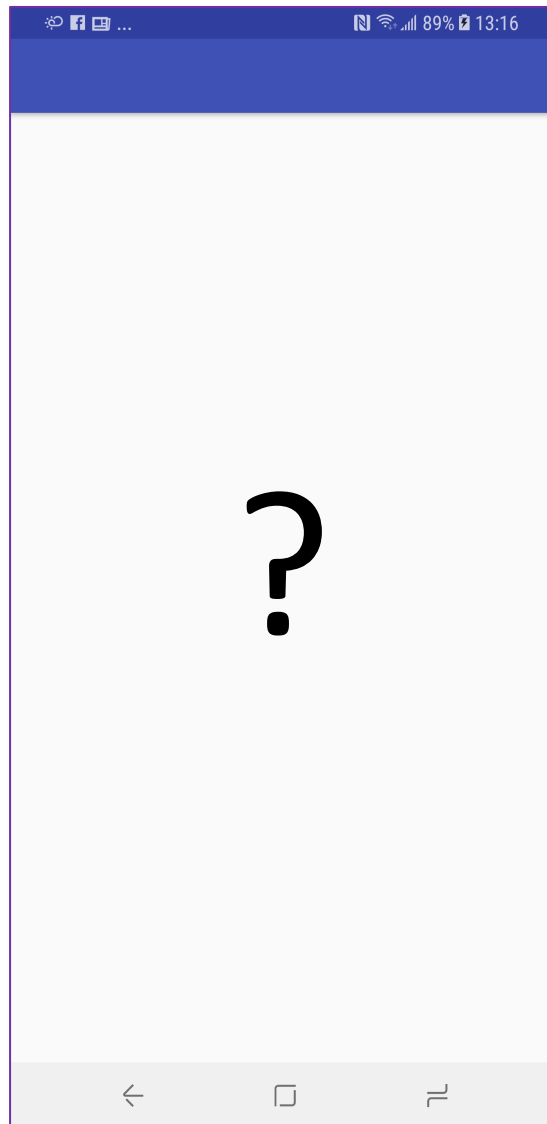
## BH SkyScan

### Task

- Use our 'live pricing' API to find **return flights from Edinburgh to London, departing next Monday and returning the following day.**
- In order to successfully call the API you can find the details in the api section below
- Use the returned data to display a page of results that matches the design provided.















EDI-sky to LOND-sky  
Nov 06., Mon - Nov 07., Tue

1276 results shown









	<b>19:40 - 20:55</b> EDI-LTN, easyJet	<b>Direct</b> 75m
	<b>08:20 - 09:55</b> LGW-EDI, easyJet	<b>Direct</b> 95m
<b>£68.98</b>		
	<b>19:40 - 20:55</b> EDI-LTN, easyJet	<b>Direct</b> 75m
	<b>08:45 - 10:00</b> LTN-EDI, easyJet	<b>Direct</b> 75m
<b>£68.98</b>		
	<b>19:40 - 20:55</b> EDI-LTN, easyJet	<b>Direct</b> 75m
	<b>13:05 - 14:35</b> LGW-EDI, easyJet	<b>Direct</b> 90m
<b>£68.98</b>		
	<b>19:40 - 20:55</b> EDI-LTN, easyJet	<b>Direct</b> 75m
	<b>15:05 - 16:30</b> LGW-EDI, easyJet	<b>Direct</b> 85m
<b>£68.98</b>		



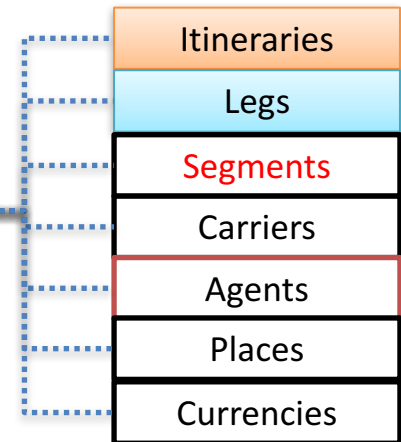
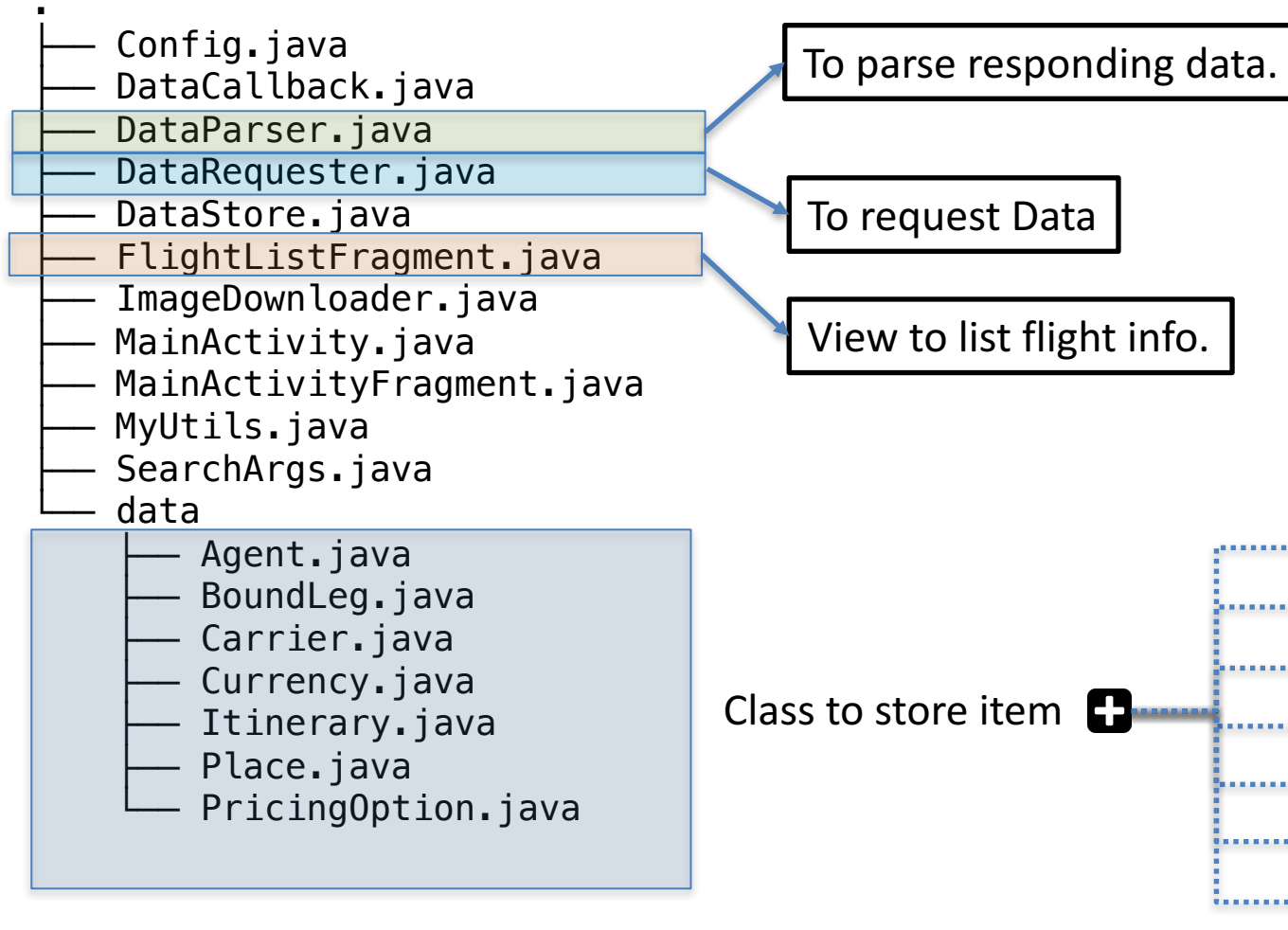
London to Madrid  
Mar 01., Wed - Mar 05., Sun

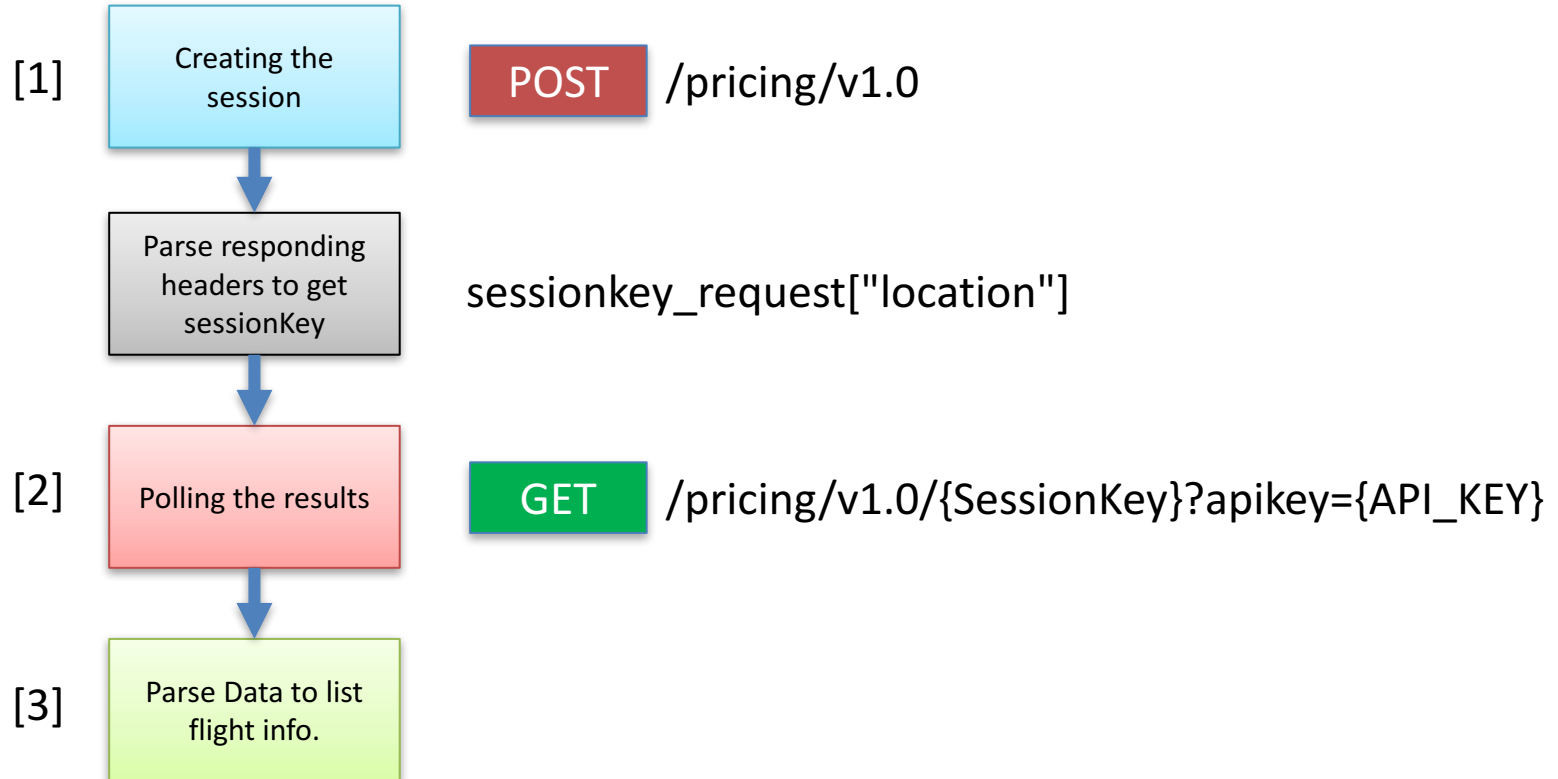
365 of 365 results shown

[Sort](#) [Filter](#)

	<b>15:35 - 17:00</b> BUD-LGW, Wizz Air	<b>Direct</b> 2h 25m
	<b>15:35 - 17:00</b> BUD-LGW, Wizz Air	<b>Direct</b> 2h 25m
 <b>10.0</b> <b>Cheapest Shortest</b>		<b>£35</b> 2 bookings required
	<b>15:35 - 17:00</b> BUD-LGW, Wizz Air	<b>Direct</b> 2h 25m
	<b>15:35 - 17:00</b> BUD-LGW, Wizz Air	<b>Direct</b> 2h 25m
 <b>10.0</b> <b>Cheapest Shortest</b>		<b>£35</b> 2 bookings required
	<b>15:35 - 17:00</b> BUD-LGW, Wizz Air	<b>Direct</b> 2h 25m
	<b>15:35 - 17:00</b> BUD-LGW, Wizz Air	<b>Direct</b> 2h 25m

app/src/main/java/com/bh/android/bhskyscan





[1]

Creating the session

**POST** /pricing/v1.0**REQUEST PARAMETERS (FORM)**

[1]	country
[2]	currency
[3]	locale
[4]	originPlace
[5]	destinationPlace
[6]	outboundDate
[7]	inboundDate
[8]	adults
[9]	apikey

**Response**

A successful response contains no content. The URL to poll the results is provided in the Location header of the response.



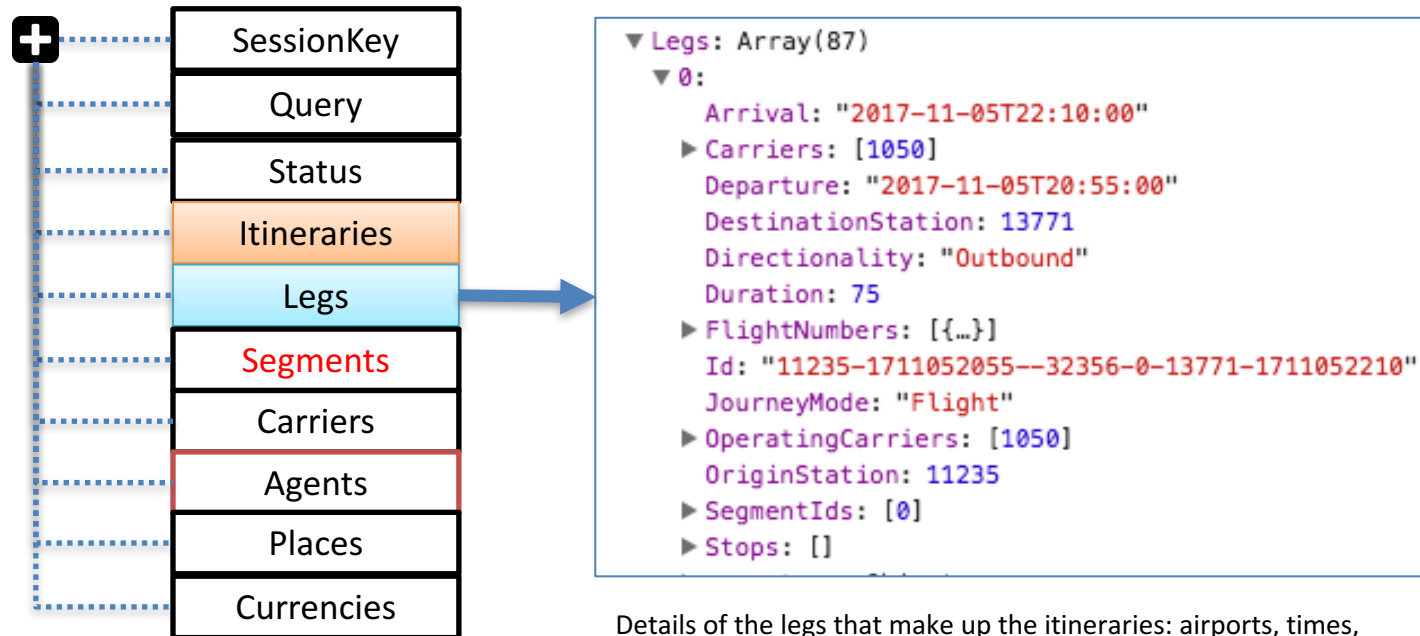
[3]

Polling the results

GET

`/pricing/v1.0/{SessionKey}?apikey={API_KEY}`**Response**

The response contains a list of itineraries with, for each one, a list of pricing options containing:  
the price  
the quote age  
the agent selling the itinerary  
the [deeplink to the agent](#)



Details of the legs that make up the itineraries: airports, times, overall duration, stops and carrier ids.



Itineraries

▼ Itineraries: Array(909)

▼ [0 ... 99]

▼ 0:

▼ BookingDetailsLink:

Body: "OutboundLegId=11235-1711052055--32356-0-13771-1711052210&amp;InboundLegId=16574-1711061750--32356-0-13771-1711061905"

Method: "PUT"

Uri: "/apiservices/pricing/v1.0/55e0069a9cb84a9191208de35223cb97\_rrsqbjcb\_898fb6ea89a3b8cacf2a4879c"

► \_\_proto\_\_: Object

InboundLegId: "16574-1711061750--32356-0-11235-1711061905"

OutboundLegId: "11235-1711052055--32356-0-13771-1711052210"

▼ PricingOptions: Array(8)

▼ 0:

▼ Agents: Array(1)

0: 2363321

length: 1

► \_\_proto\_\_: Array(0)

DeeplinkUrl: "http://partners.api.skyscanner.net/apiservices/deeplink/v2?\_cje=z0m%2f6FCg6gD0E4rdo"

Price: 132.98

QuoteAgeInMinutes: 30

► \_\_proto\_\_: Object

► 1: {Agents: Array(1), QuoteAgeInMinutes: 37, Price: 146.94, DeeplinkUrl: "http://partners.api.skyscanner.net/apiservices/deeplink/v2?\_cje=z0m%2f6FCg6gD0E4rdo"

Agents

▼ Agents: Array(22)

▼ 0:

BookingNumber: "0203 499 5179"

Id: 2043147

ImageUrl: "http://s1.apideeplink.com/images/websites/bfuk.png"

Name: "Bravofly"

OptimisedForMobile: true

Status: "UpdatesComplete"

Type: "TravelAgent"

► \_\_proto\_\_: Object

Legs

▼ Legs: Array(87)

▼ 0:

Arrival: "2017-11-05T22:10:00"

► Carriers: [1050]

Departure: "2017-11-05T20:55:00"

DestinationStation: 13771

Directionality: "Outbound"

Duration: 75

► FlightNumbers: [{...}]

Id: "11235-1711052055--32356-0-13771-1711052210"

JourneyMode: "Flight"

► OperatingCarriers: [1050]

OriginStation: 11235

► SegmentIds: [0]

► Stops: []

## Carriers

```
▼ Carriers: Array(7)
  ▼ 0:
    Code: "U2"
    DisplayCode: "EZY"
    Id: 1050
    ImageUrl: "http://s1.apideeplink.com/images/airlines/EZ.png"
    Name: "easyJet"
    ► __proto__: Object
  ► 1: {Id: 881, Code: "BA", Name: "British Airways", ImageUrl: "http://s1.apideeplink.com/images/airlines/BA.png", DisplayCode: "BA"}
  ► 2: {Id: 938, Code: "CJ", Name: "BA Cityflyer", ImageUrl: "http://s1.apideeplink.com/images/airlines/CJ.png", DisplayCode: "CJ"}
  ► 3: {Id: 885, Code: "BE", Name: "Flybe", ImageUrl: "http://s1.apideeplink.com/images/airlines/BE.png", DisplayCode: "BE"}
  ► 4: {Id: 1653, Code: "RE", Name: "Stobart Air", ImageUrl: "http://s1.apideeplink.com/images/airlines/RE.png", DisplayCode: "RE"}
  ► 5: {Id: 1363, Code: "LM", Name: "LoganAir", ImageUrl: "http://s1.apideeplink.com/images/airlines/LC.png", DisplayCode: "LM"}
  ► 6: {Id: 1731, Code: "T3", Name: "Eastern Airways", ImageUrl: "http://s1.apideeplink.com/images/airlines/T3.png", DisplayCode: "T3"}
  length: 7
```

## Places

```
▼ Places: Array(18)
  ▼ 0:
    Code: "EDI"
    Id: 11235
    Name: "Edinburgh"
    ParentId: 2343
    Type: "Airport"
    ► __proto__: Object
  ► 1: {Id: 13771, ParentId: 4698, Code: "LTN", Type: "Airport", Name: "London Luton"}
  ► 2: {Id: 16574, ParentId: 4698, Code: "STN", Type: "Airport", Name: "London Stansted"}
  ► 3: {Id: 13542, ParentId: 4698, Code: "LGW", Type: "Airport", Name: "London Gatwick"}
```

## ## Making a Standard Request

<https://developer.android.com/training/volley/request.html>

This lesson describes how to use the common request types that Volley supports:

- StringRequest. Specify a URL and receive a raw string in response. See [Setting Up a Request Queue](#) for an example.
- JsonObjectRequest and JsonRequest (both subclasses of JsonRequest). Specify a URL and get a JSON object or array (respectively) in response.

If your expected response is one of these types, you probably don't have to implement a custom request. This lesson describes how to use these standard request types. For information on how to implement your own custom request, see [Implementing a Custom Request](#).

## [SOLVED] How to retrieve Session key from Skyscanner API post request - Ruby  
<https://tutel.me/c/programming/questions/30188579/how+to+retrieve+session+key+from+s+yscanner+api+post+request++ruby>

@Gagan Gami © 2015-05-12 11:28:47

As per the doc:

A successful response contains no content. The URL to poll the booking details is specified in the Location header of the response

so try this:

```
sessionkey_request["location"]
```

I have test it on my system and it returns me:

```
http://partners.api.skyscanner.net/apiservices/pricing/v1.0/8e28260becd3441ca4e865396e224e7d_ecilpoj1_EC71481935CEBB7EAF661BC24940D01D
```

last part is your `sessionKey` which you can use for `GET` request. If you want only last part(sessionKey) then you can retrieved it by:

```
> url = "http://partners.api.skyscanner.net/apiservices/pricing/v1.0/8e28260becd3441ca4e865396e224e7d_ecilpoj1_EC71481935CEBB7EAF661BC24940D01D"
> url.split('/').last
=> "8e28260becd3441ca4e865396e224e7d_ecilpoj1_EC71481935CEBB7EAF661BC24940D01D"
```