

Ostmodern iOS Code Test

The goal of this exercise is to show that you understand the iOS platform through prototyping and debugging, with the aim to make the Ostmodern test app production ready.

It's driven by an instance of the Skylark API filled with sample data. Skylark is our video platform that enables our clients to curate their video content. Skylark has API endpoints for Sets and TV Episodes (explained more in the appendices).

Focus on the data and layout, written in Swift 3.0 so take advantage of the Swift language; with the final app being ready for public use.

Objective:

- Create the view that lists the contents of the 'Home' set with the option to favourite an item.
Examples
 - <http://player.bfi.org.uk/>
 - <http://player.bfi.org.uk/>
- Create a view that show details for each of the 'Home' options;
 - <http://player.bfi.org.uk/film/watch-shaun-the-sheep-movie-2014/>
 - <https://www.alchemiya.com/#/programme/skateistan>

Advantageous

- Validating and handling API errors and responses

Not required:

- Video playback

Submission:

Save your code as a github repo and give access to the user **untruth** and **maninderssoor** when you are finished, accompanied by a README.

Appendices

What is Skylark I'm getting worried here!!

Calm down it'll be ok! It's actually very simple.

Skylark is our video on demand platform. It allows our clients to organise their video content (ie TV Episodes/Films/Programmes) into sets (eg Sci-fi, Horror). Skylark's data is then exposed via an API and when we build sites and apps for our clients they are driven by this API.

API Documentation

Sets

Think of a set as a page of content. It has information about itself like URL and a title and it also has a list of content. This content can be TV Episodes, other sets or content components like dividers/headers.

Episodes

Episodes are actually part of a larger data structure (ie Programmes, Seasons, Episodes) but for now you only need to consider Episodes as an object by itself.

Example Skylark Endpoint

Use this as the base URL for connecting to the API. You won't need to use any Auth tokens for this code test and the API should respond.

<http://feature-code-test.skylark-cms.qa.aws.ostmodern.co.uk:8000/>

i.e. GET all sets is available here: -

<http://feature-code-test.skylark-cms.qa.aws.ostmodern.co.uk:8000/api/sets/>