

iOS Developer Challenge

Problem:

Implement an iOS app that presents a part of [SoundCloud](#) user profile. This can be any user including yourself.

Running the app should bring the user to the screen that includes two sections:

1. Some basic profile information.
2. List of user's favorite tracks.

Data for both sections can be obtained publicly from the [SoundCloud API](#). Please use the following client_id for API calls authorization:
c23089b7e88643b5b839c4b8609fce3b.

Requirements:

1. The app must perform HTTP requests for filling up profile sections in parallel.
2. The app must update both sections simultaneously. It is not acceptable to update the UI in 2 separate moments.
3. Data must be refreshed automatically every 2 minutes.
4. There should be a way to trigger manual updates.
5. Provide pagination for large track lists.
6. The user should be informed if an error occurred while fetching the data.

Third party libraries:

Try to minimize using of third party libraries. If you really want to, keep in mind that their usage should not affect the core logic of the app and these libraries should be replaceable. However, you may use RxSwift or any other FRP library without limitation. Moreover, their usage is highly

encouraged (though not necessary!).

Coding Guide:

1. Use style guide of your preference. The coding style should be consistent throughout the application.
2. Pay attention to the quality of your code, and the overall design of the app.

UI design:

App UI is completely up to you. We absolutely love animations and UI effects, but please pay attention to the core part of your app. It is perfectly fine if your app has a simplistic UI, while it's engine is well thought and tested.

Tests:

Though definitely a plus, we do not require you to write unit tests. But please note that we expect your code be testable (hint: dependency injection can be really helpful!).

Submission:

Create a zip file including the source code, build scripts (if any) and any other relevant content, and send it to us. Please do not share your solution.