

Dear Candidate,

In this exercise you will develop a RESTful API in Java/Springboot to provide EPG information. When you reach to the end, please push your code to some public repository (eg. Github) or share it as .zip

Use:

- Java 8
- Maven
- Springboot 2 with H2 Database

The EPG Solution

Consider the following models:

Channel	
STRING	id
STRING	name
INTEGER	position
STRING	category

Program	
STRING	id
STRING	channelId
STRING	imageUrl
STRING	title
STRING	description
DATETIME	startTime
DATETIME	endTime

Create the following endpoints:

1. Channels API
 - **/channels/create**
 - i. Create a channel
 - **/channels**
 - i. Provides all channels
2. Programs API
 - **/programs/create**
 - i. Create a program
 - **/programs/{channelId}**
 - i. Provides all programs by channel id
 - **/programs/{id}**
 - i. Provides the program detail by id
 - **/programs/{id}**
 - i. Delete the program by id
 - **/programs/{id}**
 - i. Update the program by id