EPGWebController

It provides Rest API for external services to access the EPG information based on country, channel.

It supports following APIs

* GET /EPG/{receive}

Return All EPG information fetch from CSV file

Parameters

*receive*: value should be csv (Reading data from CSV file)

or mock (Mocking data)

Return Type

JSON, please find the response section below for sample JSON response

Example

* <http://localhost:8081/EPG/csv>
* http://localhost:8081/EPG/mock
* GET /EPG/{receive}/{country}

Return EPG information based on country.

Parameters

*receive*: value should be csv (Reading data from CSV file)

or mock (Mocking data)

*country*: country for which EPG information needed.

values should be AUS or USA

Return Type

JSON, please find the response section below for sample JSON response

Example

* <http://localhost:8081/EPG/csv>/USA
* http://localhost:8081/EPG/mock/USA
* <http://localhost:8081/EPG/csv>/AUS
* http://localhost:8081/EPG/mock/AUS
* GET /EPG/{receive}/{country}/{channel}

Return EPG information based on country & Channel

Parameters

*receive*: value should be csv (Reading data from CSV file)

or mock (Mocking data)

*country*: country for which EPG information needed.

values should be AUS or USA

*channel*: channel for which EPG information needed.

values should be Discovery or MTV

Return Type

JSON, please find the response section below for sample JSON response

Example

* <http://localhost:8081/EPG/csv>/USA/MTV
* http://localhost:8081/EPG/mock/USA/Discovery
* <http://localhost:8081/EPG/csv>/AUS/MTV
* http://localhost:8081/EPG/mock/AUS/Discovery
* POST /EPG/{receive}

Return all EPG information

Parameters

*receive*: value should be csv (Reading data from CSV file)

or mock (Mocking data)

Request Body

JSON, please find the sample request body

{

"ID": "120015",

"Name": " Test Series",

"Type": "Program",

"SubType": "Episode",

"Duration": 1800,

"SourceSystem": "P33",

"Country": "USA",

"Channel": "MTV"

}

Return Type

JSON, please find the response section below for sample JSON response

Example

* <http://localhost:8081/EPG/csv>
* http://localhost:8081/EPG/mock

Following are the sample JSON reference

[

{“id": "120011",

"name": " Test Series",

"type": "Program",

"subtype": "Series",

"duration": 1800,

"sourcesystem": "P11",

"country": "AUS",

"channel": "MTV"

},

{

"id": "120014",

"name": " Test Series",

"type": "Program",

"subtype": "Episode",

"duration": 1800,

"sourcesystem": "P44",

"country": "USA",

"channel": "Discovery”

}

]

Development Environment & Artifacts

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| Language | Go v1.9.4 |
| Additional Packages | gorilla/mux   * implement request router & dispatcher. It is used for path variable in the URL. Execute following Github command to install the gorilla/mux package   go get github.com/gorilla/mux |
| Application & package details | Please read inline attachment regarding GO file details |
| GitHub Repository  Link | https://github.com/shaifalygupta/EPGWebController |
| Additional Information | Unit test cases also available in the repository. Please read “Readme.txt” for more details regarding Go artifacts. |