CRACKER

a C(omic t)RACKER app

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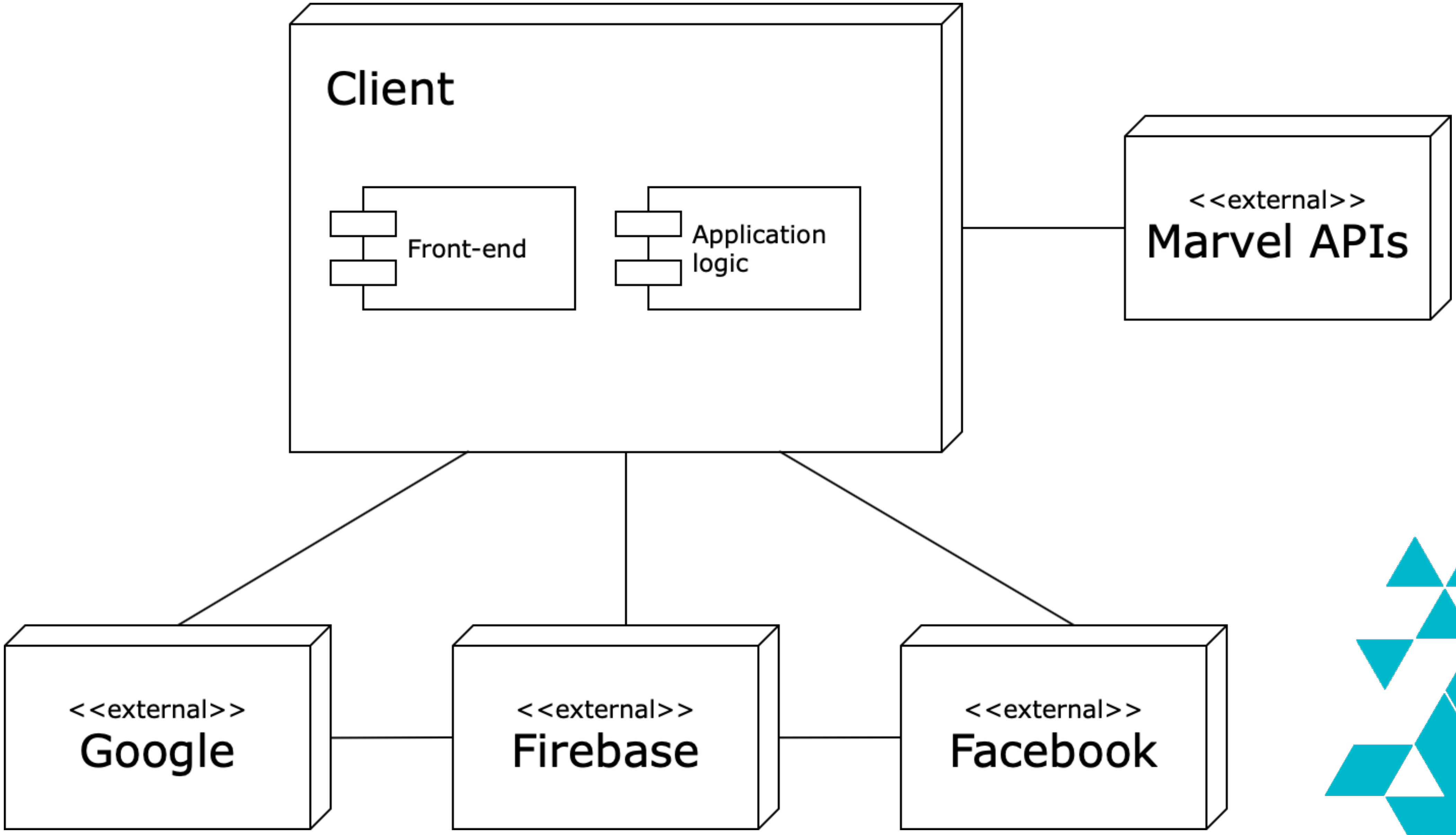
What is Cracker?

Cracker is a mobile application for Marvel readers that helps them keep track of the latest releases and of the series they are following.

Main requirements:

- see all the latest issues published by Marvel
- see information about issues and series
- follow series
- mark issues as read

System architecture



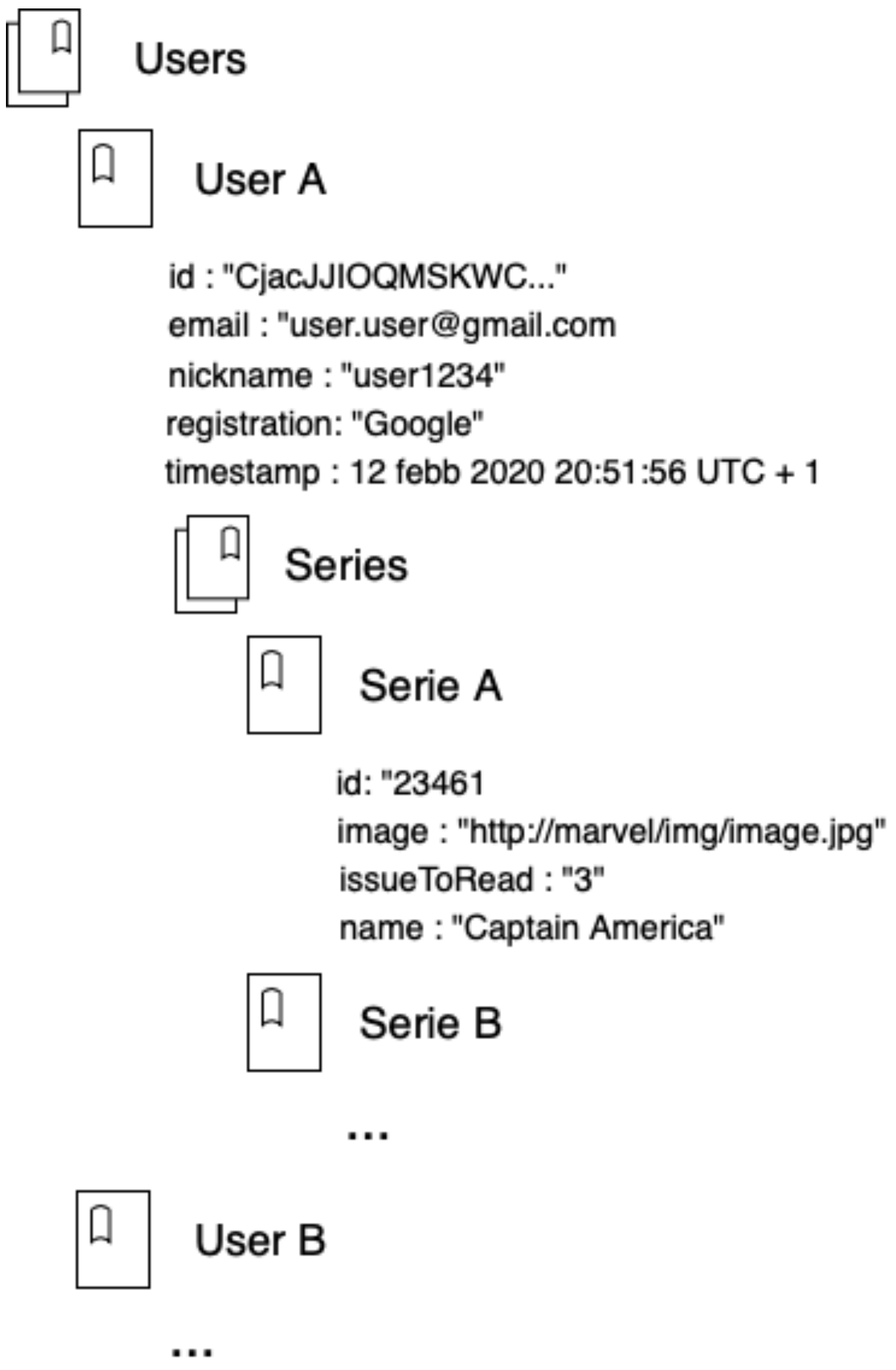
Database

The only data that needs to be saved is:

- the information about the user,
- the series he follows,
- the issues he has read.

We save this data on Cloud Firestore on the Firebase Platform.

Database



Users

User A

id : "CjacJJIOQMSKWC..."

email : "user.user@gmail.com

nickname : "user1234"

registration: "Google"

timestamp : 12 febb 2020 20:51:56 UTC + 1

Series

Serie A

id: "23461

image : "http://marvel/img/image.jpg"

issueToRead : "3"

name : "Captain America"

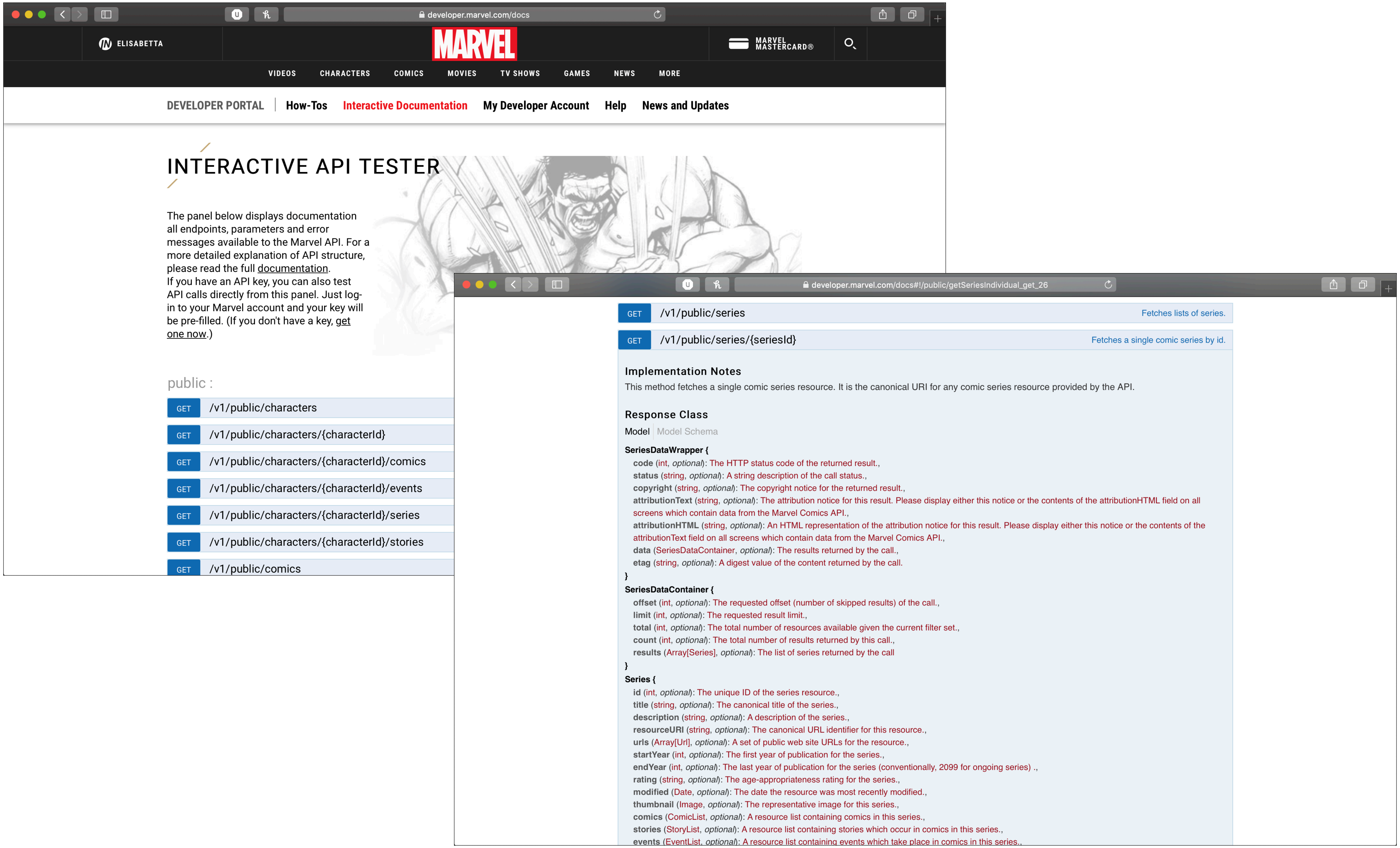
Serie B

...

User B

...

Marvel APIs



INTERACTIVE API TESTER

The panel below displays documentation all endpoints, parameters and error messages available to the Marvel API. For a more detailed explanation of API structure, please read the full documentation.
If you have an API key, you can also test API calls directly from this panel. Just log-in to your Marvel account and your key will be pre-filled. (If you don't have a key, get one now.)

public :

GET /v1/public/characters

GET /v1/public/characters/{characterId}

GET /v1/public/characters/{characterId}/comics

GET /v1/public/characters/{characterId}/events

GET /v1/public/characters/{characterId}/series

GET /v1/public/characters/{characterId}/stories

GET /v1/public/comics

GET /v1/public/series — Fetches lists of series.

GET /v1/public/series/{seriesId} — Fetches a single comic series by id.

Implementation Notes

This method fetches a single comic series resource. It is the canonical URI for any comic series resource provided by the API.

Response Class

```
SeriesDataWrapper {
  code (int, optional): The HTTP status code of the returned result.,
  status (string, optional): A string description of the call status.,
  copyright (string, optional): The copyright notice for the returned result.,
  attributionText (string, optional): The attribution notice for this result. Please display either this notice or the contents of the attributionHTML field on all
  screens which contain data from the Marvel Comics API.,
  attributionHTML (string, optional): An HTML representation of the attribution notice for this result. Please display either this notice or the contents of the
  attributionText field on all screens which contain data from the Marvel Comics API.,
  data (SeriesDataContainer, optional): The results returned by the call.,
  etag (string, optional): A digest value of the content returned by the call.
}
SeriesDataContainer {
  offset (int, optional): The requested offset (number of skipped results) of the call.,
  limit (int, optional): The requested result limit.,
  total (int, optional): The total number of resources available given the current filter set.,
  count (int, optional): The total number of results returned by this call.,
  results (Array[Series], optional): The list of series returned by the call
}
Series {
  id (int, optional): The unique ID of the series resource.,
  title (string, optional): The canonical title of the series.,
  description (string, optional): A description of the series.,
  resourceURI (string, optional): The canonical URL identifier for this resource.,
  urls (Array[Url], optional): A set of public web site URLs for the resource.,
  startYear (int, optional): The first year of publication for the series.,
  endYear (int, optional): The last year of publication for the series (conventionally, 2099 for ongoing series) .,
  rating (string, optional): The age-appropriateness rating for the series.,
  modified (Date, optional): The date the resource was most recently modified.,
  thumbnail (Image, optional): The representative image for this series.,
  comics (ComicList, optional): A resource list containing comics in this series.,
  stories (StoryList, optional): A resource list containing stories which occur in comics in this series.,
  events (EventList, optional): A resource list containing events which take place in comics in this series.,
```