

607 Wk 10 Web APIs

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Background: Using the NY Times Web API to search for reviews of the Disney movie Encanto

Query for the movie Encanto

```
get_encanto <- GET("https://api.nytimes.com/svc/movies/v2/reviews/search.json?query=encanto&api-key=LqNEjAbMP8tfTmhAq6Qpvii8PwM8sRfv")
get_encanto
```

```
## Response [https://api.nytimes.com/svc/movies/v2/reviews/search.json?query=encanto&api-key=LqNEjAbMP8tfTmhAq6Qpvii8PwM8sRfv]
##   Date: 2022-10-30 15:44
##   Status: 200
##   Content-Type: application/json; charset=utf-8
##   Size: 898 B
```

Parse content of Response

```
content_encanto <- content(get_encanto, "parse")
content_encanto
```

```
## $status
## [1] "OK"
##
## $copyright
## [1] "Copyright (c) 2022 The New York Times Company. All Rights Reserved."
##
## $has_more
## [1] FALSE
##
## $num_results
## [1] 1
##
## $results
## $results[[1]]
## $results[[1]]$display_title
## [1] "Encanto"
##
## $results[[1]]$mpaa_rating
## [1] "PG"
##
## $results[[1]]$critics_pick
## [1] 1
##
## $results[[1]]$byline
## [1] "Maya Phillips"
##
## $results[[1]]$headline
## [1] "'Encanto' Review: In This House, We Make Magic"
##
## $results[[1]]$summary_short
## [1] "Disney's new film, about a gifted family in Colombia, has stunning animation, a beautifully composed story and spellbinding songs by Lin-Manuel Miranda."
##
## $results[[1]]$publication_date
## [1] "2021-11-23"
##
## $results[[1]]$opening_date
## [1] "2021-11-24"
##
## $results[[1]]$date_updated
## [1] "2021-11-23 19:05:04"
##
## $results[[1]]$link
## $results[[1]]$link$type
## [1] "article"
##
## $results[[1]]$link$url
## [1] "https://www.nytimes.com/2021/11/23/movies/encanto-review.html"
##
## $results[[1]]$link$suggested_link_text
## [1] "Read the New York Times Review of Encanto"
##
```

```
##
## $results[[1]]$multimedia
## $results[[1]]$multimedia$type
## [1] "mediumThreeByTwo210"
##
## $results[[1]]$multimedia$src
## [1] "https://static01.nyt.com/images/2021/11/23/arts/23encanto1/23encanto1-mediumThreeByTwo440.jpg"
##
## $results[[1]]$multimedia$height
## [1] 140
##
## $results[[1]]$multimedia$width
## [1] 210
```

Convert to Data Frame

```
df_encanto <- as.data.frame(content_encanto)
df_encanto
```

```
##      status                                     copyright
## 1      OK Copyright (c) 2022 The New York Times Company. All Rights Reserved.
##      has_more num_results results.display_title results.mpa_rating
## 1      FALSE           1           Encanto                PG
##      results.critics_pick results.byline
## 1                      1 Maya Phillips
##                      results.headline
## 1 'Encanto' Review: In This House, We Make Magic
##
results.summary_short
## 1 Disney's new film, about a gifted family in Colombia, has stunning animation, a beautifully
composed story and spellbinding songs by Lin-Manuel Miranda.
##      results.publication_date results.opening_date results.date_updated
## 1           2021-11-23           2021-11-24  2021-11-23 19:05:04
##      results.link.type
## 1           article
##                      results.link.url
## 1 https://www.nytimes.com/2021/11/23/movies/encanto-review.html
##      results.link.suggested_link_text results.multimedia.type
## 1 Read the New York Times Review of Encanto      mediumThreeByTwo210
##                      results.multimedia.s
rc
## 1 https://static01.nyt.com/images/2021/11/23/arts/23encanto1/23encanto1-mediumThreeByTwo440.j
pg
##      results.multimedia.height results.multimedia.width
## 1                      140                      210
```

Conclusion:

```
(paste("NY Times Movie Review API found", df_encanto$num_results, "result(s) for", df_encanto$results.display_title,
      ";Review written by", df_encanto$results.byline, "entitled", df_encanto$results.headline,
      "Short Summary:", df_encanto$results.summary_short, "For Full Article visit:", df_encanto$results.link.url, collapse = " "))
```

```
## [1] "NY Times Movie Review API found 1 result(s) for Encanto ;Review written by Maya Phillips
entitled 'Encanto' Review: In This House, We Make Magic Short Summary: Disney's new film, about
a gifted family in Colombia, has stunning animation, a beautifully composed story and spellbindi
ng songs by Lin-Manuel Miranda. For Full Article visit: https://www.nytimes.com/2021/11/23/movie
s/encanto-review.html"
```