

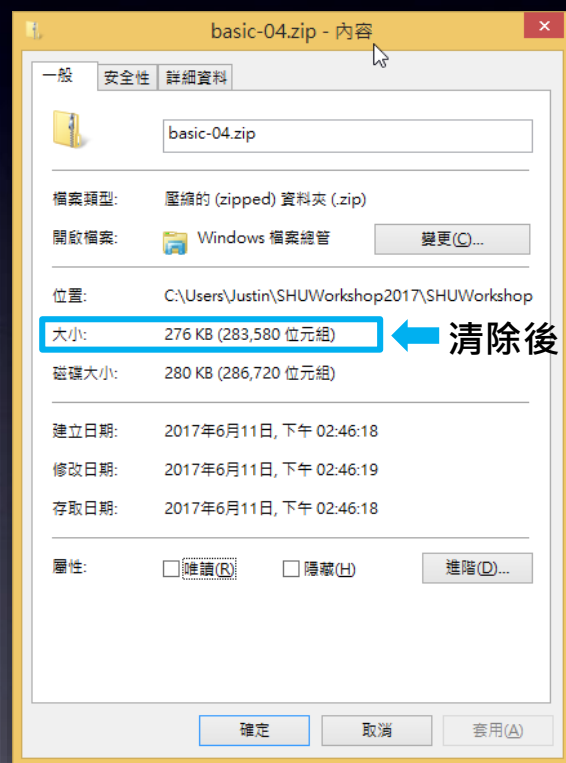
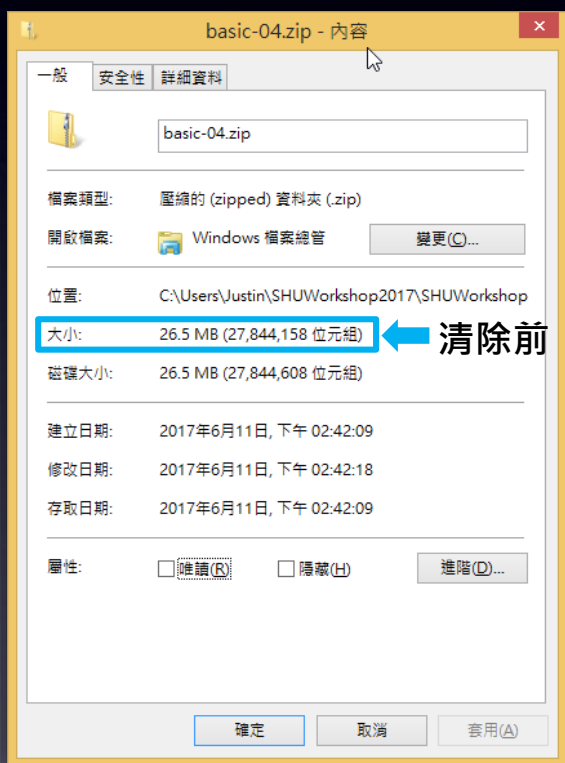
作業説明

作業説明

繳交説明

繳交說明

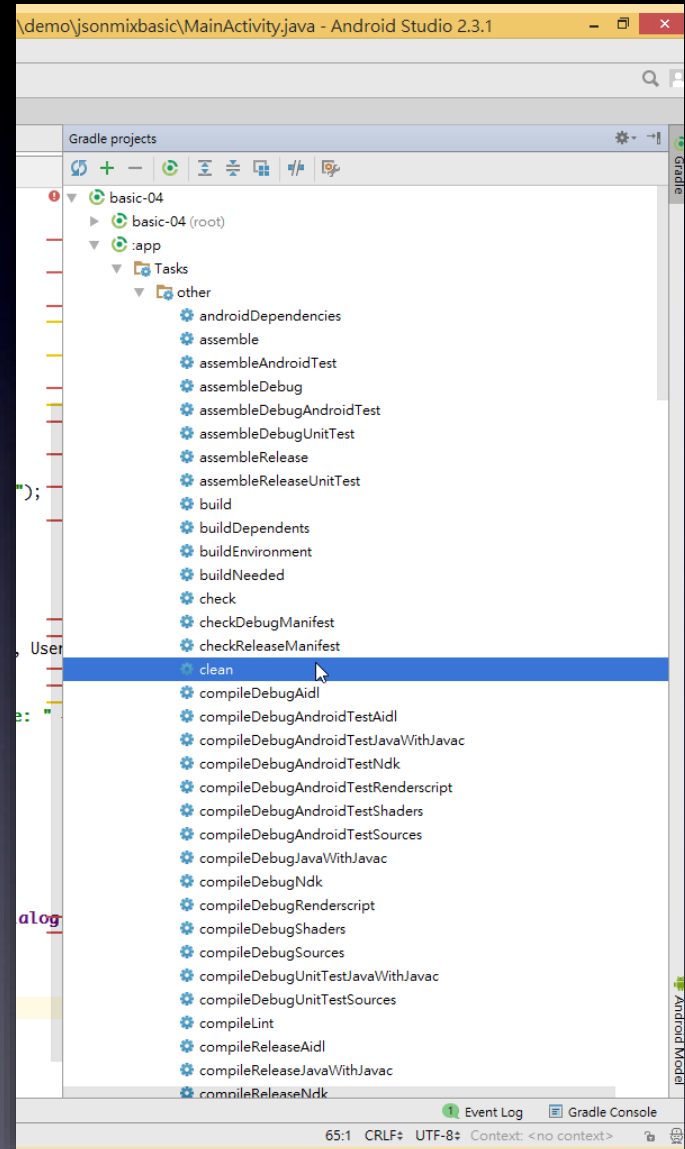
- 繳交前請先清除Android Studio產生的中介檔並壓縮以確保專案壓縮後大小可以上傳到作業系統



- 以下是清除方式

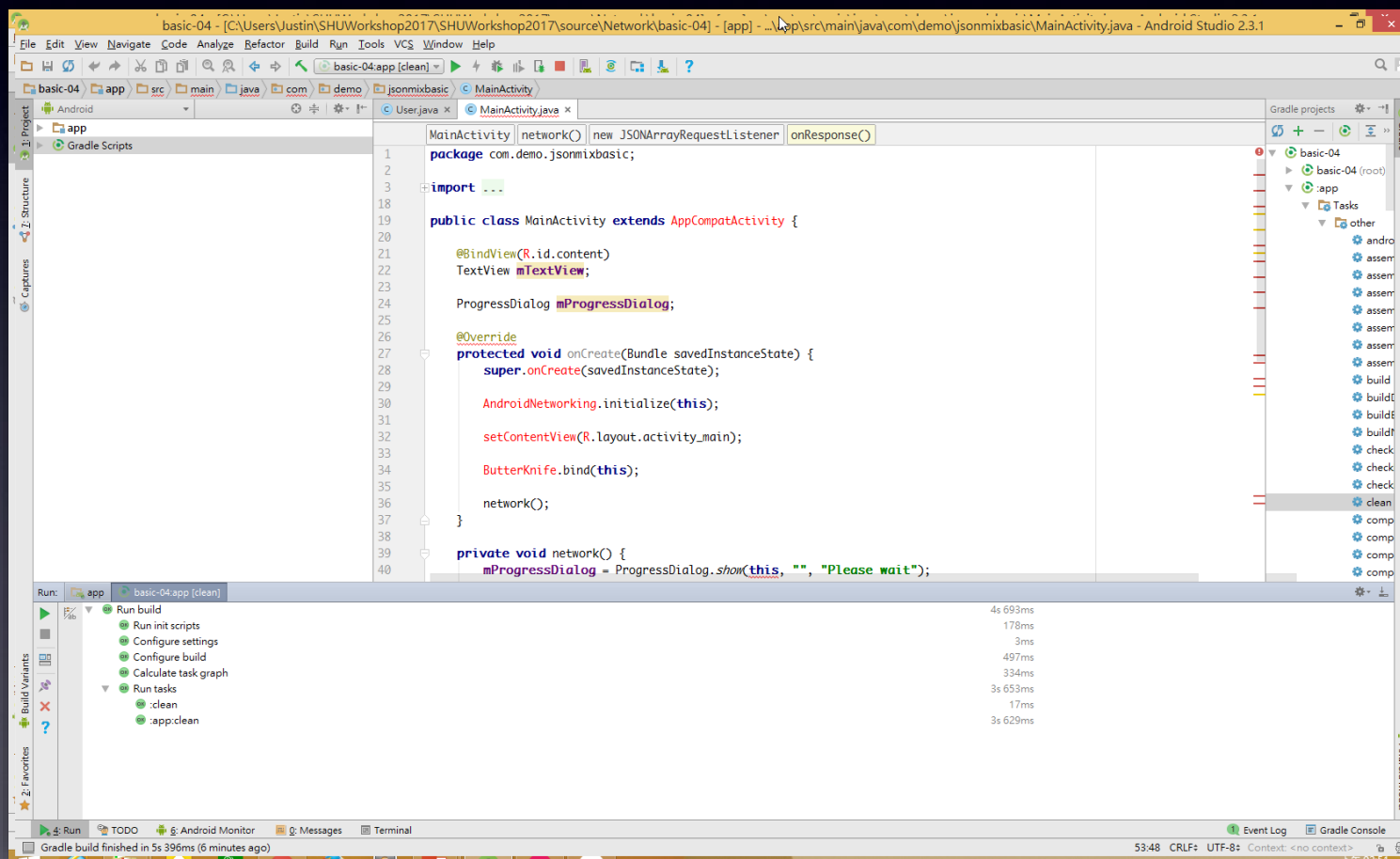
繳交說明

- 點選Android Studio右上方有個Gradle的Tab
- 打開後找到
:app -> Tasks ->
other -> clean
- 點clean兩下即可



繳交說明

- 接下來專案中的程式碼會有很多紅字，這是正常的，因為已經將Android Studio產生的專案中介檔清空了，



作業説明

豆瓣

豆瓣

- 開發者網站<https://developers.douban.com/>



作業要求

- 呼叫API

- https://api.douban.com/v2/movie/in_theaters?apikey=0b2bdeda43b5688921839c8ecb20399b

- 呈現結果以ListView方式呈現

- 標題：subjects[i].title
 - 副標題：subjects[i].casts[j].name
 - 圖片：subjects[i].images.medium

- ListView每一列點下後

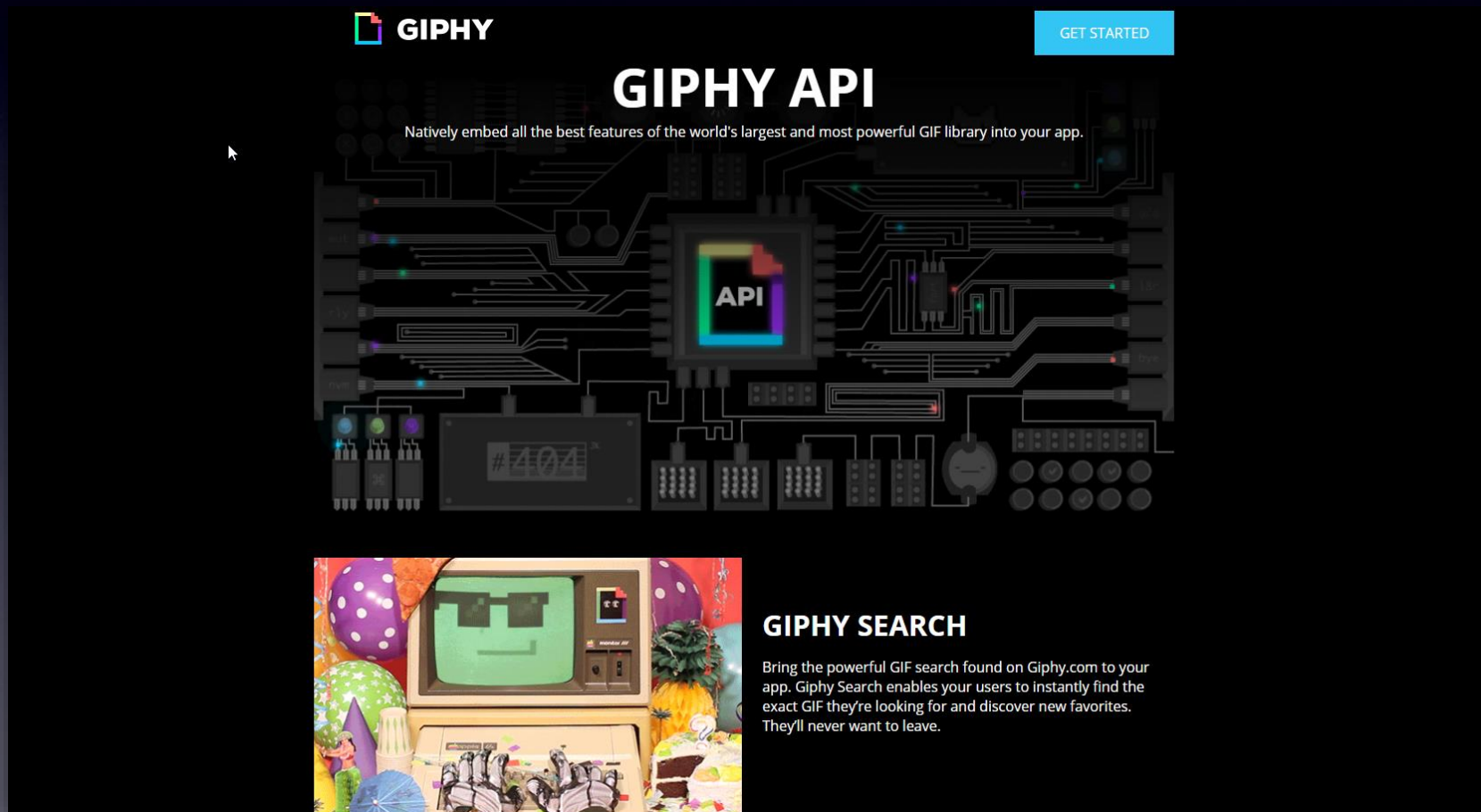
- 啟動瀏覽器App並打開網址subjects[i].alt

作業説明

GIPHY

GIPHY

- 開發者網站<https://api.giphy.com/>



The image is a screenshot of the GIPHY API developer website. At the top left is the GIPHY logo, and at the top right is a blue button that says "GET STARTED". The main heading is "GIPHY API" in large white letters. Below it is a subheading: "Natively embed all the best features of the world's largest and most powerful GIF library into your app." The background of the main section is a dark, stylized illustration of a circuit board with various components like chips, capacitors, and connectors. In the center of the circuit board is a square component labeled "API" with a colorful border. At the bottom left, there is a small rectangular image showing a birthday scene with a television set displaying a green pixelated face, balloons, and a cake. To the right of this image is the section heading "GIPHY SEARCH" in white, followed by a paragraph: "Bring the powerful GIF search found on Giphy.com to your app. Giphy Search enables your users to instantly find the exact GIF they're looking for and discover new favorites. They'll never want to leave."

GIPHY

GET STARTED

GIPHY API

Natively embed all the best features of the world's largest and most powerful GIF library into your app.

GIPHY SEARCH

Bring the powerful GIF search found on Giphy.com to your app. Giphy Search enables your users to instantly find the exact GIF they're looking for and discover new favorites. They'll never want to leave.

作業要求

- 呼叫API
 - http://api.giphy.com/v1/gifs/trending?api_key=dc6zaTOxFJmzC
- 呈現結果以ListView方式呈現
 - 標題：data[i].slug
 - 副標題：data[i].import_datetime
 - 圖片：data[i].images.fixed_height.url
- ListView每一列點下後
 - 啟動瀏覽器App並打開網址data[i].url

作業説明

GOOGLE BOOK

GOOGLE BOOK

- 開發者網站

<https://developers.google.com/books/?hl=zh-TW>

The screenshot shows the Google Books APIs developer website. The header includes the title 'Google Books APIs', a search bar, and a user profile icon. A blue banner below the header contains the text 'Access the full text of the Google Books repository.' and navigation links: '首頁' (Home), '指南' (Guide), '參考資料' (Reference), and '範例' (Examples). The main content area is divided into three columns. The first column, 'Integrate with the Google Books repository', describes the Google Books API and includes links for 'OVERVIEW' and 'GET STARTED'. The second column, 'Embed book previews on your site', describes the Embedded Viewer API and includes a link for 'GET STARTED WITH EMBEDDED VIEWER'. The third column, 'Case studies', shows examples of API usage and includes a link for 'SEE FEATURED INTEGRATIONS'. The footer is a dark grey bar with four sections: 'Product Info' (Terms of Service, Case Studies), 'Connect' (Google Books API Forums), '開發人員控制台' (Developer Console) with links to various Google services, and 'Google Developers' with links to Android, Chrome, Firebase, Google Cloud Platform, and '所有產品' (All products). At the bottom, there is a language selector set to '繁體中文', links to '條款' (Terms) and '隱私權' (Privacy), a newsletter sign-up link, and a '訂閱' (Subscribe) button.

Google Books APIs

Access the full text of the Google Books repository.

首頁 指南 參考資料 範例

Integrate with the Google Books repository

Google Books is our effort to make book content more discoverable on the Web. Using the Google Books API, your application can perform full-text searches and retrieve book information, viewability and eBook availability. You can also manage your personal bookshelves.

[OVERVIEW](#) [GET STARTED](#)

Embed book previews on your site

The [Embedded Viewer API](#) lets you embed Google Books previews on your own website and programmatically control these previews.

[GET STARTED WITH EMBEDDED VIEWER](#)

Case studies

See how the Google Books APIs are being used by WorldCat, GoodReads, the University of California Libraries, and more.

[SEE FEATURED INTEGRATIONS](#)

Product Info

Terms of Service
Case Studies

Connect

Google Books API Forums

開發人員控制台

Google API Console
Google Cloud Platform Console
Google Play Console
Firebase Console
Cast SDK Developer Console
Chrome Web Store Dashboard

Google Developers

Android
Chrome
Firebase
Google Cloud Platform
[所有產品](#)

繁體中文 條款 | 隱私權

Sign up for the Google Developers newsletter [訂閱](#)

作業要求

- 呼叫API
 - <https://www.googleapis.com/books/v1/volumes?q=Travel>
- 呈現結果以ListView方式呈現
 - 標題 : `items[i].volumeInfo.title`
 - 副標題 : `items[i].volumeInfo.publishedDate`
 - 圖片 : `items[i].volumeInfo.imageLinks.smallThumbnail`
- ListView每一列點下後
 - 啟動瀏覽器App並打開網址
`items[i].accessInfo.webReaderLink`

作業説明

MIXCLOUD

MIXCLOUD

- 開發者網站<https://www.mixcloud.com/developers/>

The screenshot shows the Mixcloud website's developer documentation page. The header includes the Mixcloud logo, a search bar, and links for 'UPLOAD', 'CATEGORIES', 'Log in', and 'Sign up'. A left sidebar lists various API-related topics. The main content area is titled 'Developers / API documentation' and includes an 'INTRODUCTION' section with a 'Create new application' button. Below this is a 'Shows, Users and Discover' section that explains how to use the API by changing the URL from the website to the API endpoint. It provides a table of example URLs for different API endpoints and shows a sample JSON response for the 'discover/funk/' endpoint.

Mixcloud

Search

UPLOAD CATEGORIES

Log in Sign up

SHOWS, USERS AND DISCOVER

CONNECTIONS AND LISTS

SEARCH

AUTHORIZATION

FOLLOWING, FAVORITING, REPOSTING AND ADDING TO LISTEN LATER

EMBEDDING

UPLOADS

EDITING UPLOADS

RATE LIMITS

AUDIO STREAMS

DEEP LINKING

EXAMPLE

WE'RE HIRING!

Developers / API documentation

INTRODUCTION

Documentation for the Widget Javascript API can be found [here](#).

The Mixcloud API has been designed to be simple to use and familiar. This page has all of the information you need to get going.

Create new application

Shows, Users and Discover

Objects in the Mixcloud API can be found by taking the URL where you would find them on the site and changing <https://www.mixcloud.com/> to <https://api.mixcloud.com/>.

Take a look at the following links in a browser to see example responses:

Show	https://api.mixcloud.com/spartacus/party-time/
User	https://api.mixcloud.com/spartacus/
Tag	https://api.mixcloud.com/discover/funk/
City	https://api.mixcloud.com/discover/city:athens/
Tag & City	https://api.mixcloud.com/discover/funk+city:athens/

For example <https://api.mixcloud.com/discover/funk/>

```
{
  "url": "https://www.mixcloud.com/discover/funk/",
  "name": "Funk shows",
  "key": "/discover/funk/",
```


作業要求

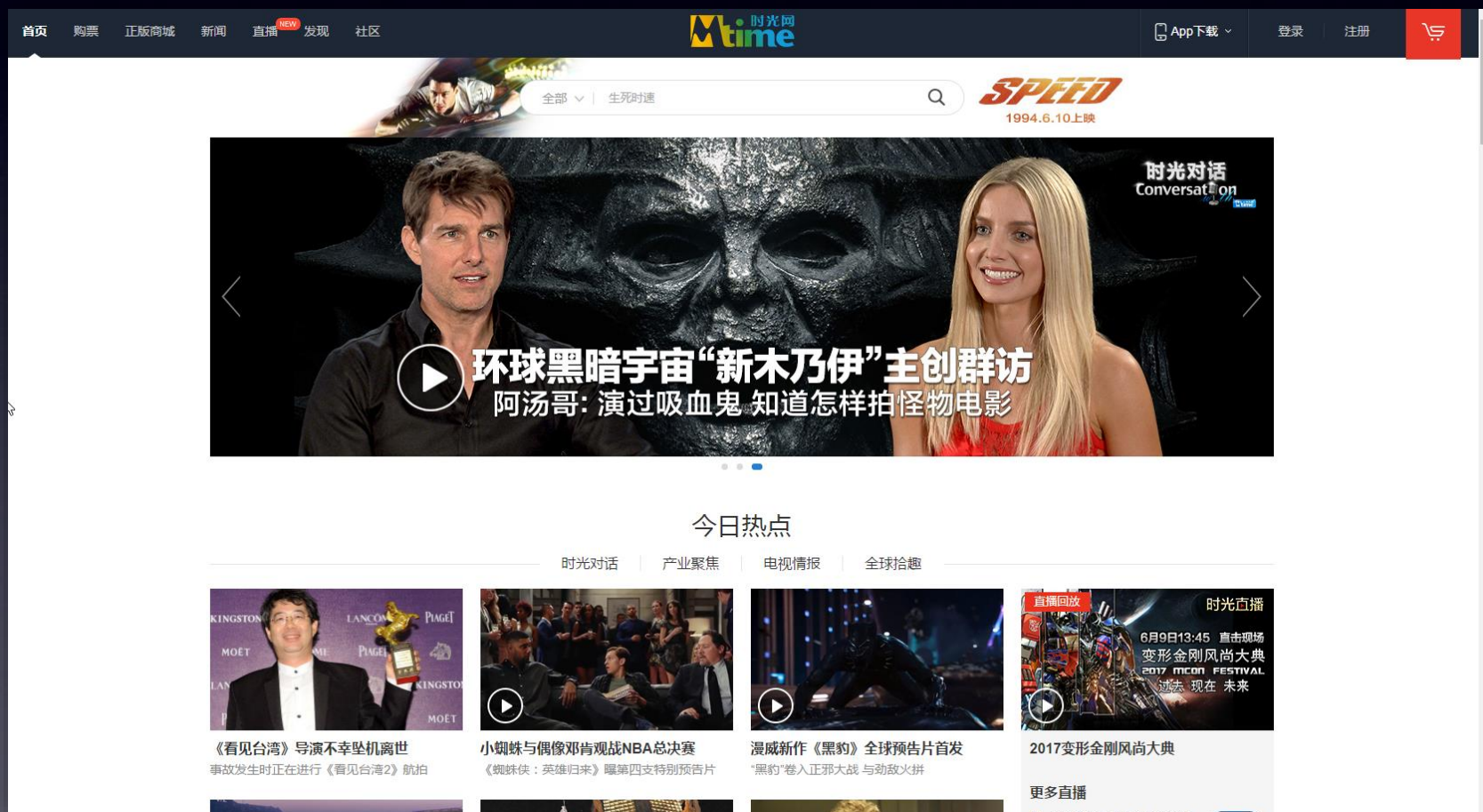
- 呼叫API
 - <https://api.mixcloud.com/search?q=party+time&type=clouddcast>
- 呈現結果以ListView方式呈現
 - 標題：data[i].name
 - 副標題：data[i].user.name
 - 圖片：data[i].pictures.medium_mobile
- ListView每一列點下後
 - 啟動瀏覽器App並打開網址data[i].url

作業說明

MTIME時光網

MTIME時光網

- 沒有公開的開發者網站



作業要求

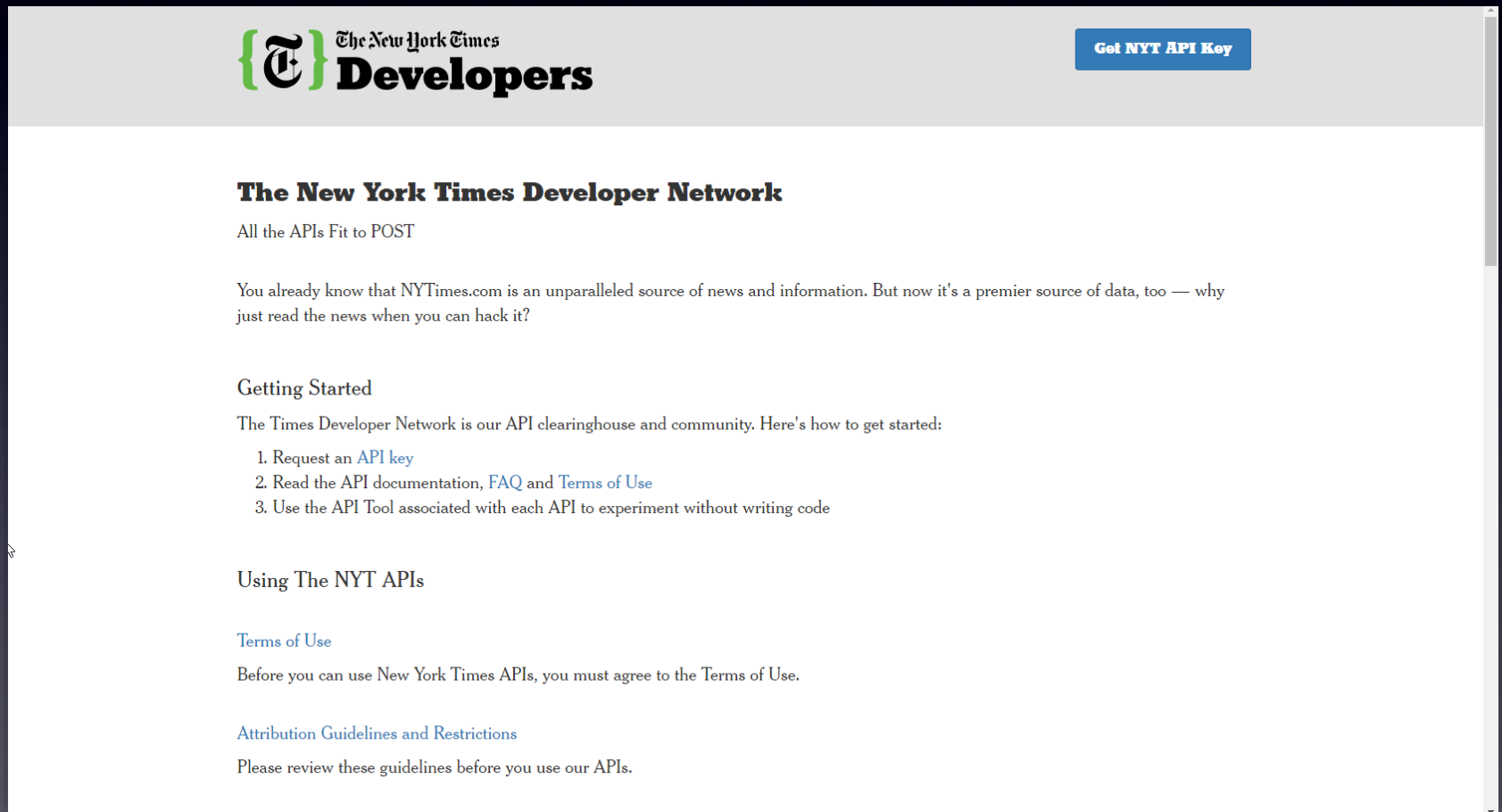
- 呼叫API
 - <https://api-m.mtime.cn/PageSubArea/HotPlayMovies.api?locationId=290>
- 呈現結果以ListView方式呈現
 - 標題：movies[i].titleCn
 - 副標題：movies[i].type
 - 圖片：movies[i].img
- ListView每一列點下後
 - 打開Google網頁搜尋，搜尋關鍵字是movies[i].titleEn

作業説明

NEW YORK TIMES

NEW YORK TIMES

- 開發者網站<https://developer.nytimes.com/>



The screenshot shows the New York Times Developers website. At the top, there is a header with the New York Times logo and the word "Developers" in a large, bold font. To the right of the header is a blue button that says "Get NYT API Key". Below the header, the main content area has a title "The New York Times Developer Network" and a subtitle "All the APIs Fit to POST". The text below the subtitle reads: "You already know that NYTimes.com is an unparalleled source of news and information. But now it's a premier source of data, too — why just read the news when you can hack it?". Underneath this is a section titled "Getting Started" with the text: "The Times Developer Network is our API clearinghouse and community. Here's how to get started:". This is followed by a numbered list of three steps: 1. Request an [API key](#), 2. Read the API documentation, [FAQ](#) and [Terms of Use](#), and 3. Use the API Tool associated with each API to experiment without writing code. Below the list is a section titled "Using The NYT APIs" with a link to [Terms of Use](#). The text below the link reads: "Before you can use New York Times APIs, you must agree to the Terms of Use." At the bottom, there is a link to [Attribution Guidelines and Restrictions](#) and the text: "Please review these guidelines before you use our APIs."

The New York Times Developers

The New York Times Developer Network

All the APIs Fit to POST

You already know that NYTimes.com is an unparalleled source of news and information. But now it's a premier source of data, too — why just read the news when you can hack it?

Getting Started

The Times Developer Network is our API clearinghouse and community. Here's how to get started:

1. Request an [API key](#)
2. Read the API documentation, [FAQ](#) and [Terms of Use](#)
3. Use the API Tool associated with each API to experiment without writing code

Using The NYT APIs

[Terms of Use](#)

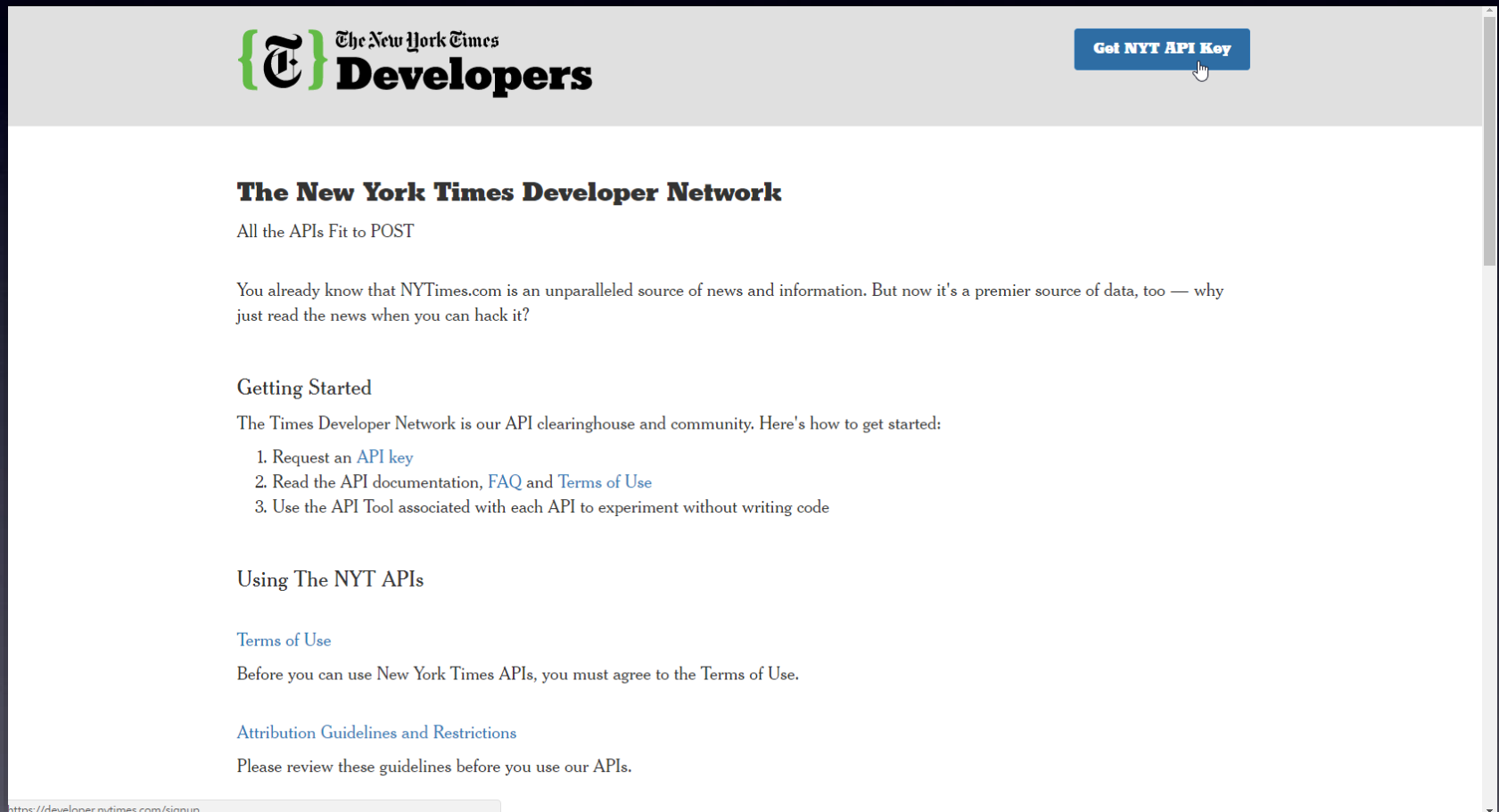
Before you can use New York Times APIs, you must agree to the Terms of Use.

[Attribution Guidelines and Restrictions](#)

Please review these guidelines before you use our APIs.

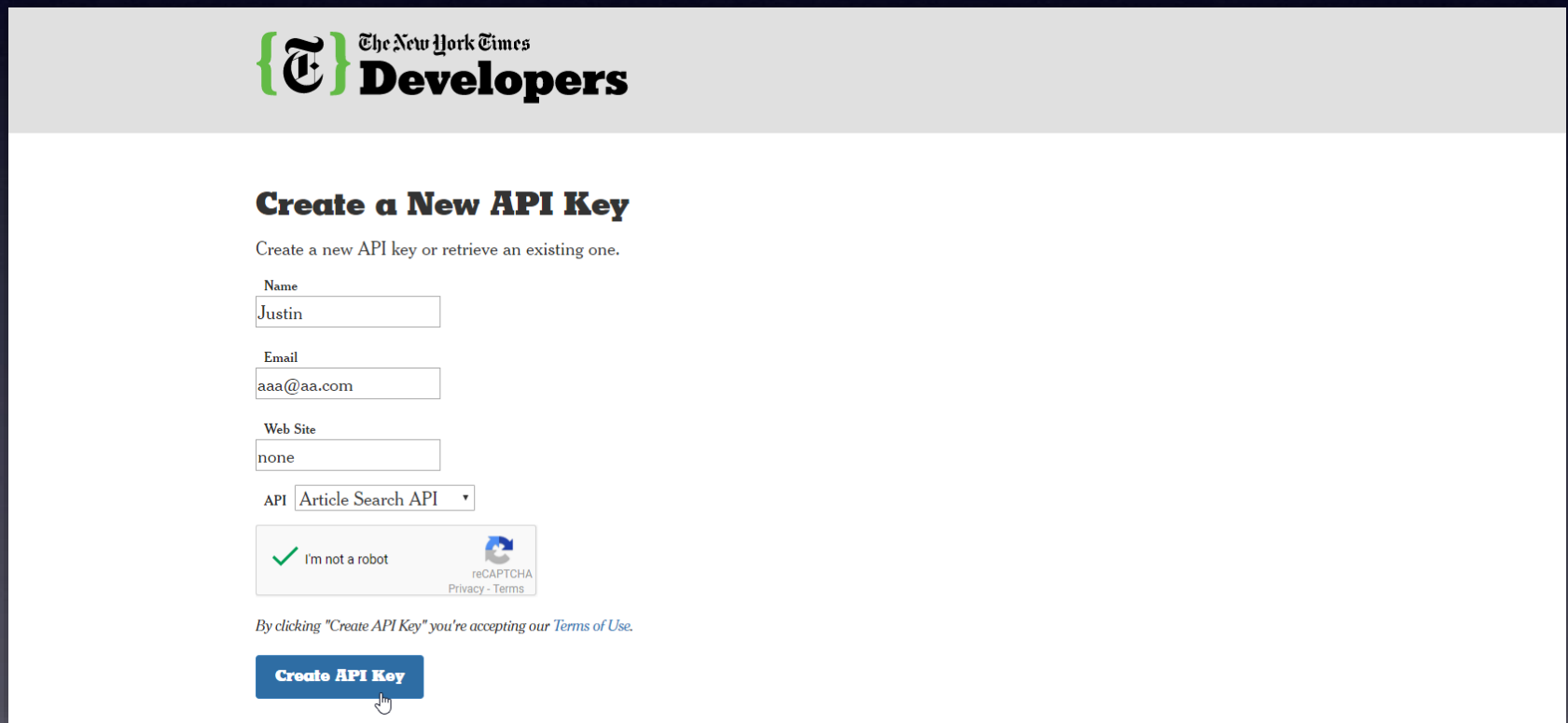
申請API KEY

- 點選右上方按鈕Get NYT API Key



申請API KEY

- 填寫Name, Email, Website (沒有就填none)。API 下拉式選單，選擇Article Search API。勾選I'm not robot後，按下Create API Key



The screenshot shows the 'Create a New API Key' page on the New York Times Developers website. The page has a grey header with the 'The New York Times Developers' logo. The main content area is white and contains a form with the following fields: 'Name' (filled with 'Justin'), 'Email' (filled with 'aaa@aa.com'), 'Web Site' (filled with 'none'), and 'API' (a dropdown menu with 'Article Search API' selected). Below these fields is a reCAPTCHA widget showing a green checkmark and the text 'I'm not a robot'. At the bottom of the form is a blue button labeled 'Create API Key'. A small disclaimer text reads: 'By clicking "Create API Key" you're accepting our Terms of Use.'

{T} The New York Times Developers

Create a New API Key

Create a new API key or retrieve an existing one.

Name
Justin

Email
aaa@aa.com

Web Site
none

API Article Search API

☒ I'm not a robot

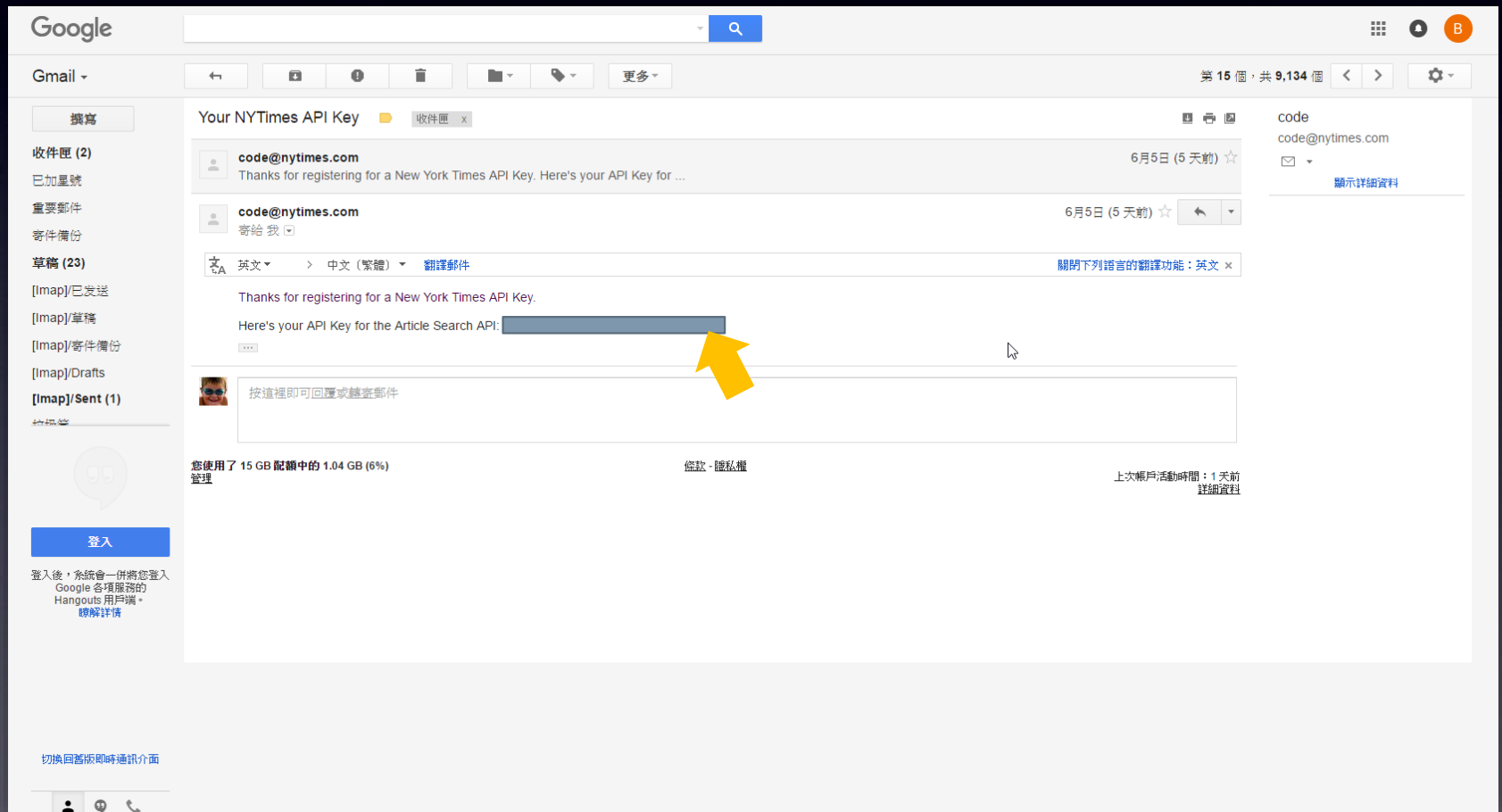
reCAPTCHA
[Privacy](#) - [Terms](#)

By clicking "Create API Key" you're accepting our [Terms of Use](#).

Create API Key

申請API KEY

- 接下來API Key會寄到填寫的Email



作業要求

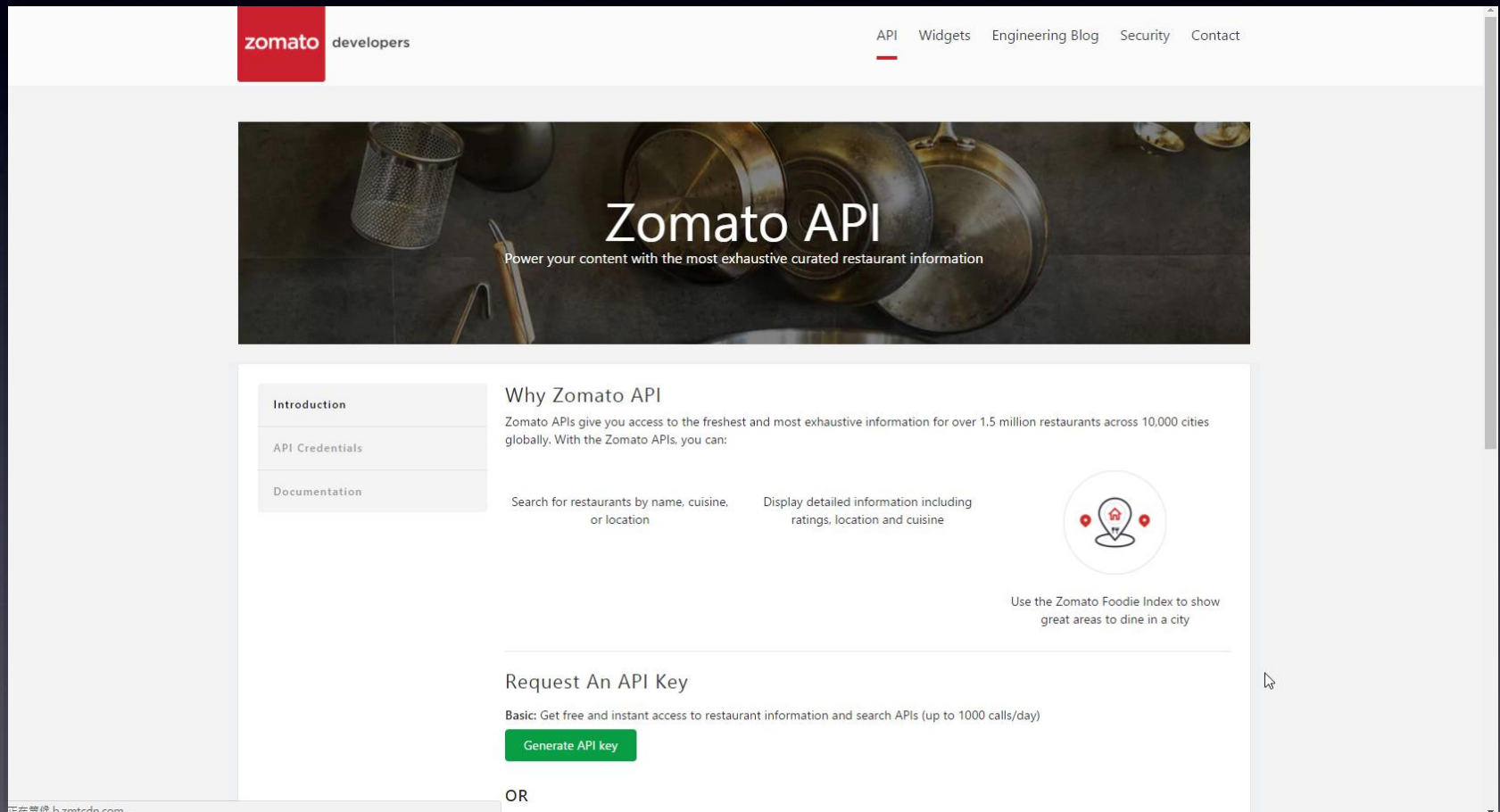
- 呼叫API
 - `https://api.nytimes.com/svc/search/v2/articlesearch.json?q=Taiwan&api_key=<前頁Email收到的API Key>`
- 呈現結果以ListView方式呈現
 - 標題：`response.docs[i].headline.main`
 - 副標題：`response.docs[i].snippet`
 - 圖片：`http://www.nytimes.com/ + response.docs[i].multimedia[0].url`
- ListView每一列點下後
 - 啟動瀏覽器App並打開網址`response.docs[i].web_url`

作業説明

ZOMATO

ZOMATO

- 開發者網站 <https://developers.zomato.com/api>



The screenshot shows the Zomato API developer website. The header features the Zomato logo and 'developers' text on the left, and navigation links for API, Widgets, Engineering Blog, Security, and Contact on the right. The main banner displays 'Zomato API' with the tagline 'Power your content with the most exhaustive curated restaurant information' over a background image of kitchenware. A left sidebar contains links for Introduction, API Credentials, and Documentation. The main content area is titled 'Why Zomato API' and describes the access to 1.5 million restaurants. It lists two capabilities: searching by name, cuisine, or location, and displaying detailed information including ratings, location, and cuisine. A 'Request An API Key' section follows, offering a 'Basic' plan with 1000 calls/day and a 'Generate API key' button. The page ends with an 'OR' separator.

zomato developers

API Widgets Engineering Blog Security Contact

Zomato API

Power your content with the most exhaustive curated restaurant information

- Introduction
- API Credentials
- Documentation

Why Zomato API

Zomato APIs give you access to the freshest and most exhaustive information for over 1.5 million restaurants across 10,000 cities globally. With the Zomato APIs, you can:

- Search for restaurants by name, cuisine, or location
- Display detailed information including ratings, location and cuisine

Use the Zomato Foodie Index to show great areas to dine in a city

Request An API Key

Basic: Get free and instant access to restaurant information and search APIs (up to 1000 calls/day)

Generate API key

OR

申請API KEY

- 點選Generate API Key

The screenshot displays the Zomato API documentation page. At the top, there's a 'Documentation' tab. Below it, three circular icons represent different API features: searching for restaurants, displaying detailed information, and using the Zomato Foodie Index. The 'Request An API Key' section is highlighted, showing a 'Generate API key' button. Below this, there's an 'OR' section with a 'Get in touch' button. The footer contains links for 'About Zomato', 'For Foodies', and 'For Restaurants', along with a 'Countries' link.

Documentation

Search for restaurants by name, cuisine, or location

Display detailed information including ratings, location and cuisine

Use the Zomato Foodie Index to show great areas to dine in a city

Request An API Key

Basic: Get free and instant access to restaurant information and search APIs (up to 1000 calls/day)

[Generate API key](#)

OR

Partner: If you would like to explore partnership opportunities with us and do more with our APIs, let's chat

[Get in touch](#)

zomato English

About Zomato

- About Us
- Culture
- Blog
- Careers
- Contact

For Foodies

- Code of Conduct
- Community
- Verified Users
- Blogger Help
- Developers
- Mobile Apps

For Restaurants

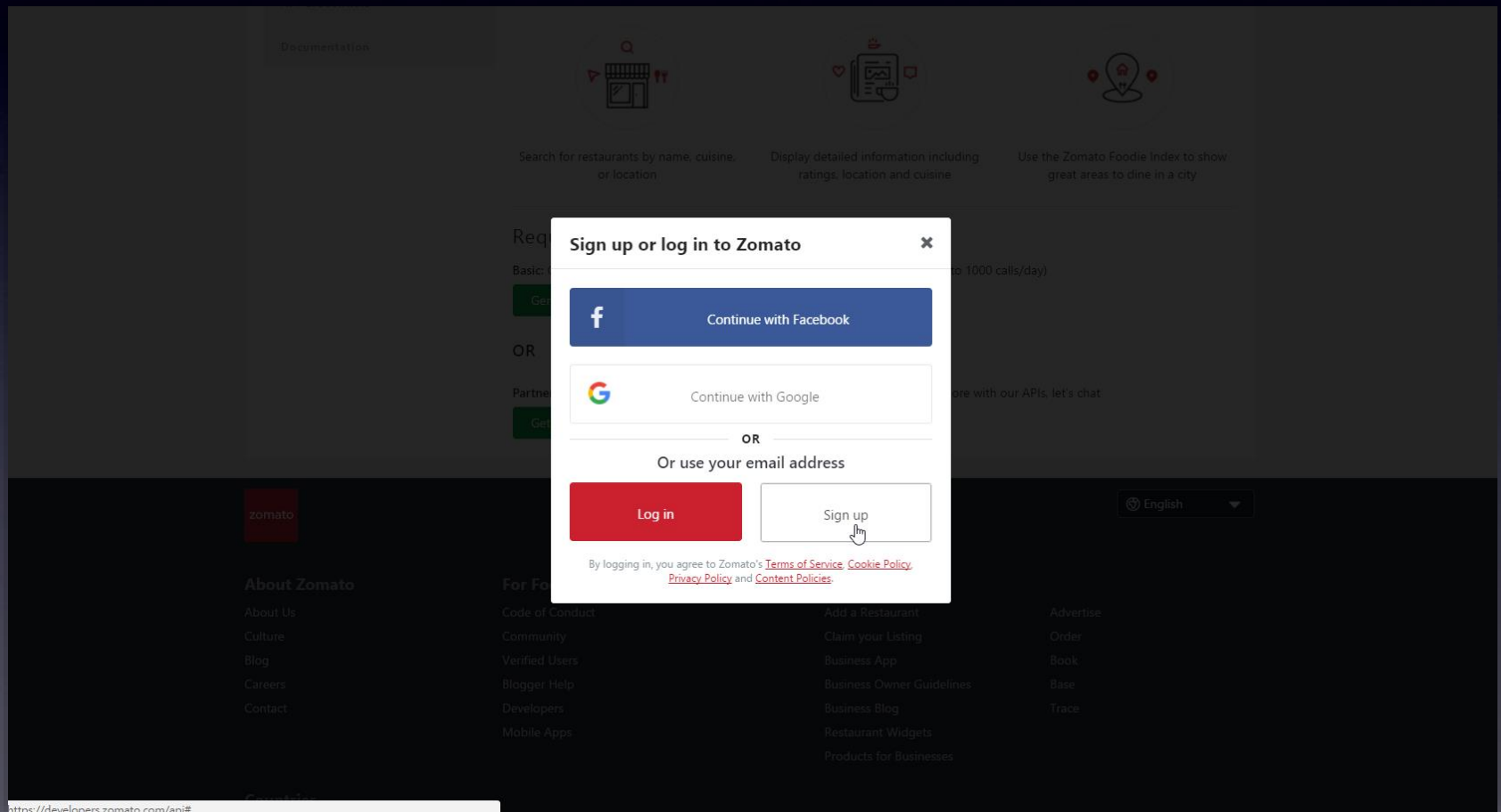
- Add a Restaurant
- Claim your Listing
- Business App
- Business Owner Guidelines
- Business Blog
- Restaurant Widgets
- Products for Businesses

- Advertise
- Order
- Book
- Base
- Trace

Countries

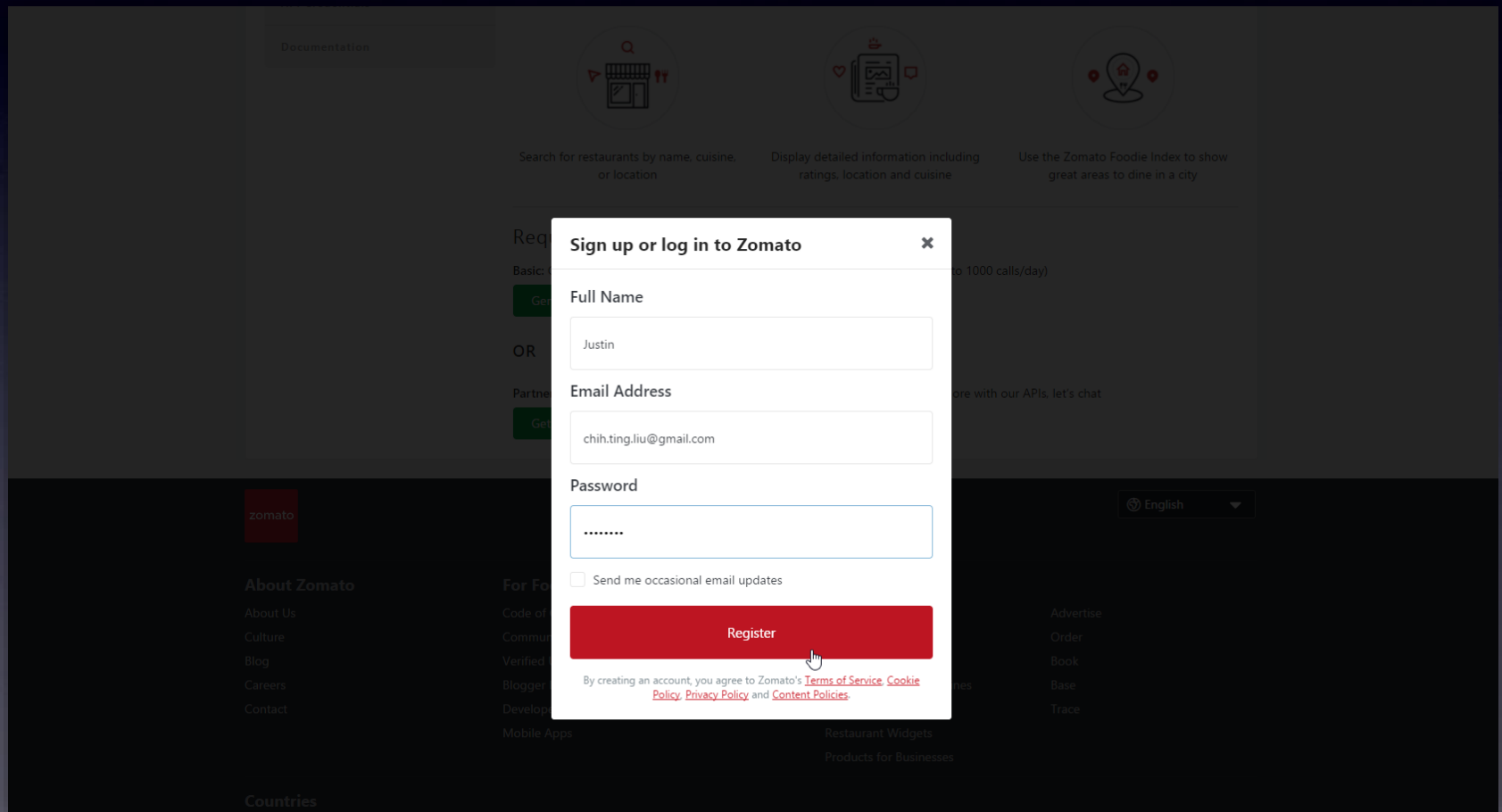
申請API KEY

- 選擇Sign UP



申請API KEY

- 填寫完相對應資料後按下Register



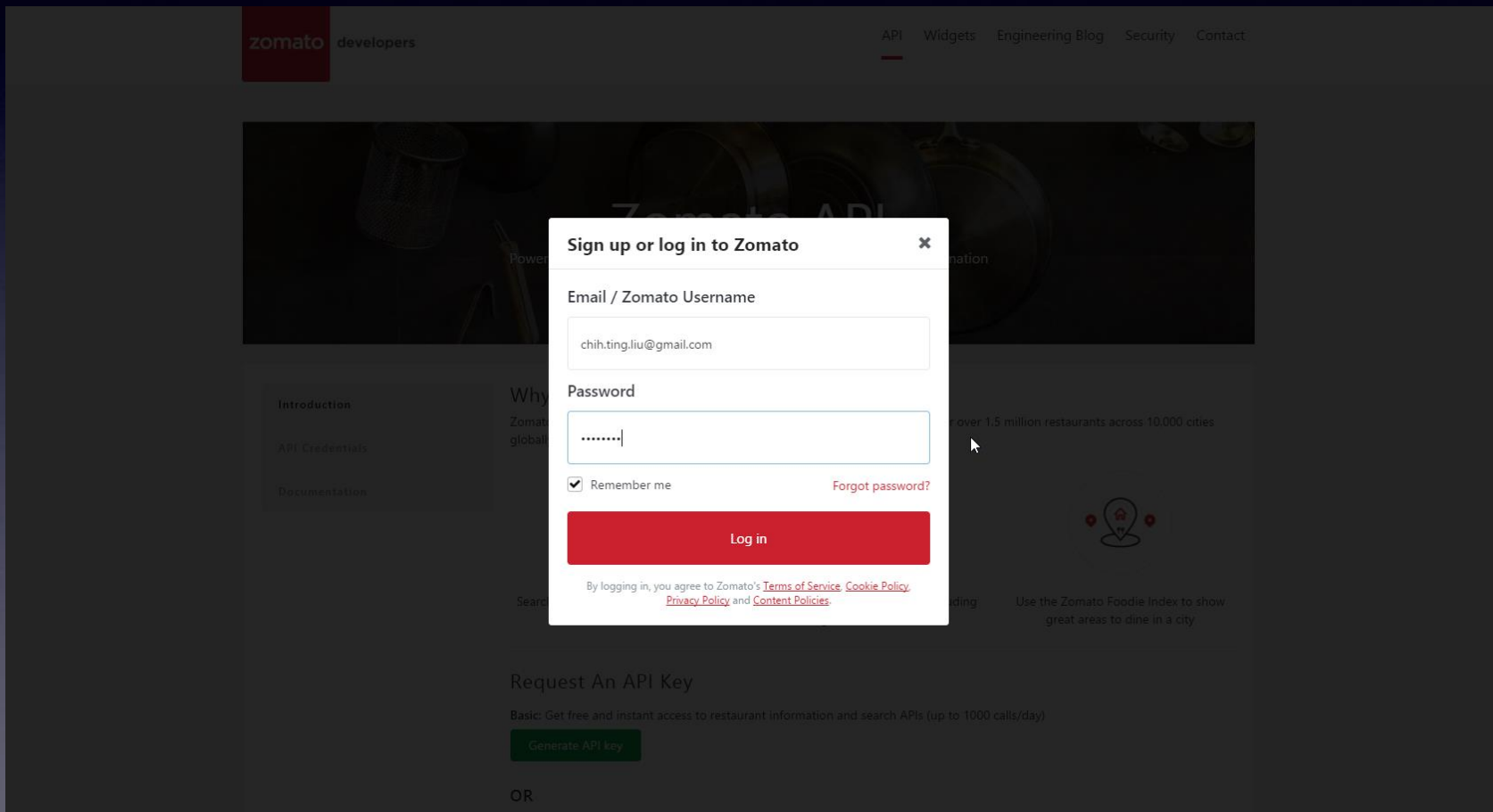
The image shows a registration modal window for Zomato. The modal is titled "Sign up or log in to Zomato" and contains the following fields and elements:

- Full Name:** A text input field containing the name "Justin".
- Email Address:** A text input field containing the email "chih.ting.liu@gmail.com".
- Password:** A password input field with masked characters ".....".
- Consent:** A checkbox labeled "Send me occasional email updates" which is currently unchecked.
- Register Button:** A prominent red button with the text "Register". A mouse cursor is shown clicking on this button.
- Footer:** Below the button, a line of text states: "By creating an account, you agree to Zomato's [Terms of Service](#), [Cookie Policy](#), [Privacy Policy](#) and [Content Policies](#)."

The background of the slide is a dark, blurred screenshot of the Zomato website, showing various icons and text related to restaurant discovery and API usage.

申請API KEY

- 申請完會員後，再點選一次Generate API Key，並完成登入流程



The screenshot shows the Zomato developers website with a modal for signing up or logging in. The modal is titled "Sign up or log in to Zomato" and contains the following fields and options:

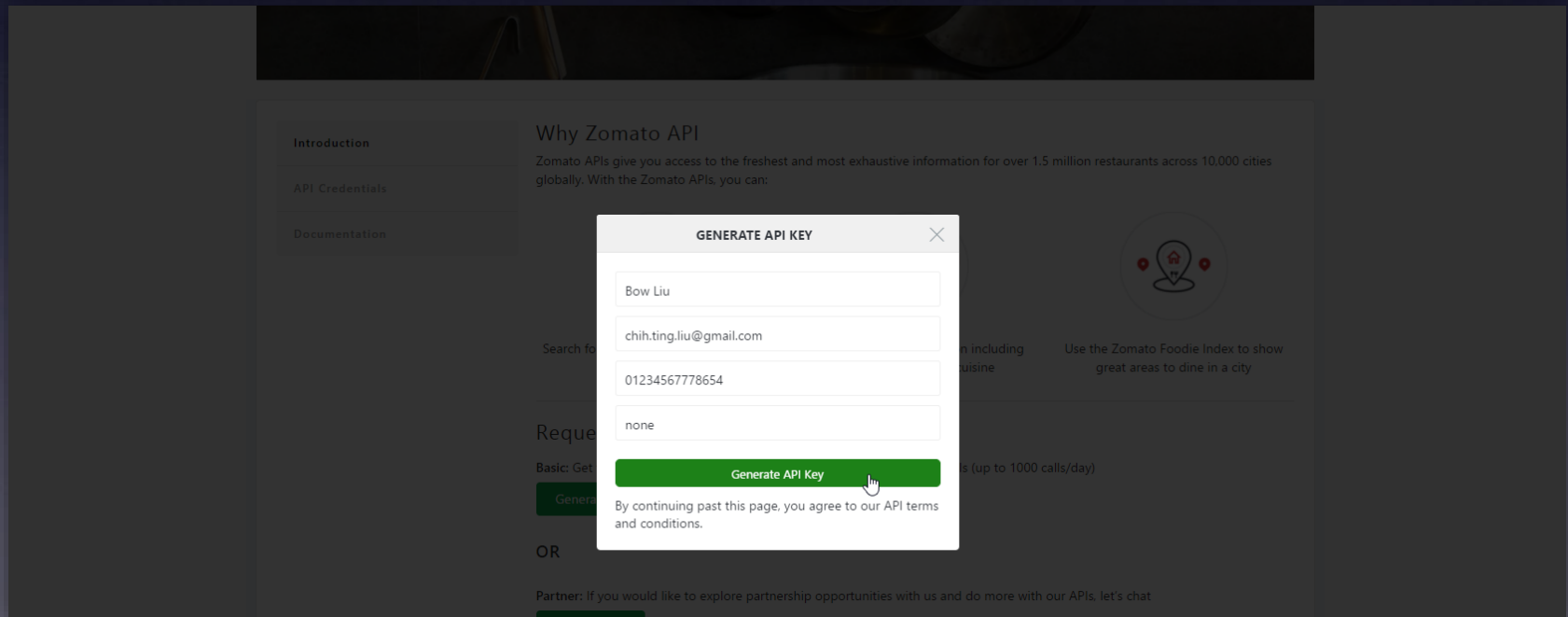
- Email / Zomato Username:** A text input field containing the email address "chih.ting.liu@gmail.com".
- Password:** A password input field with masked characters ".....".
- Remember me:** A checked checkbox.
- Forgot password?:** A link to the forgot password page.
- Log in:** A red button to submit the login information.

Below the login button, there is a disclaimer: "By logging in, you agree to Zomato's [Terms of Service](#), [Cookie Policy](#), [Privacy Policy](#) and [Content Policies](#)."

The background of the website shows the "zomato developers" logo and navigation links: API, Widgets, Engineering Blog, Security, and Contact. Below the modal, there is a section titled "Request An API Key" with a "Generate API key" button.

申請API KEY

出現以下視窗，填寫名字、Email、電話、公司網址(沒有就填none)，然後按下Generate API Key



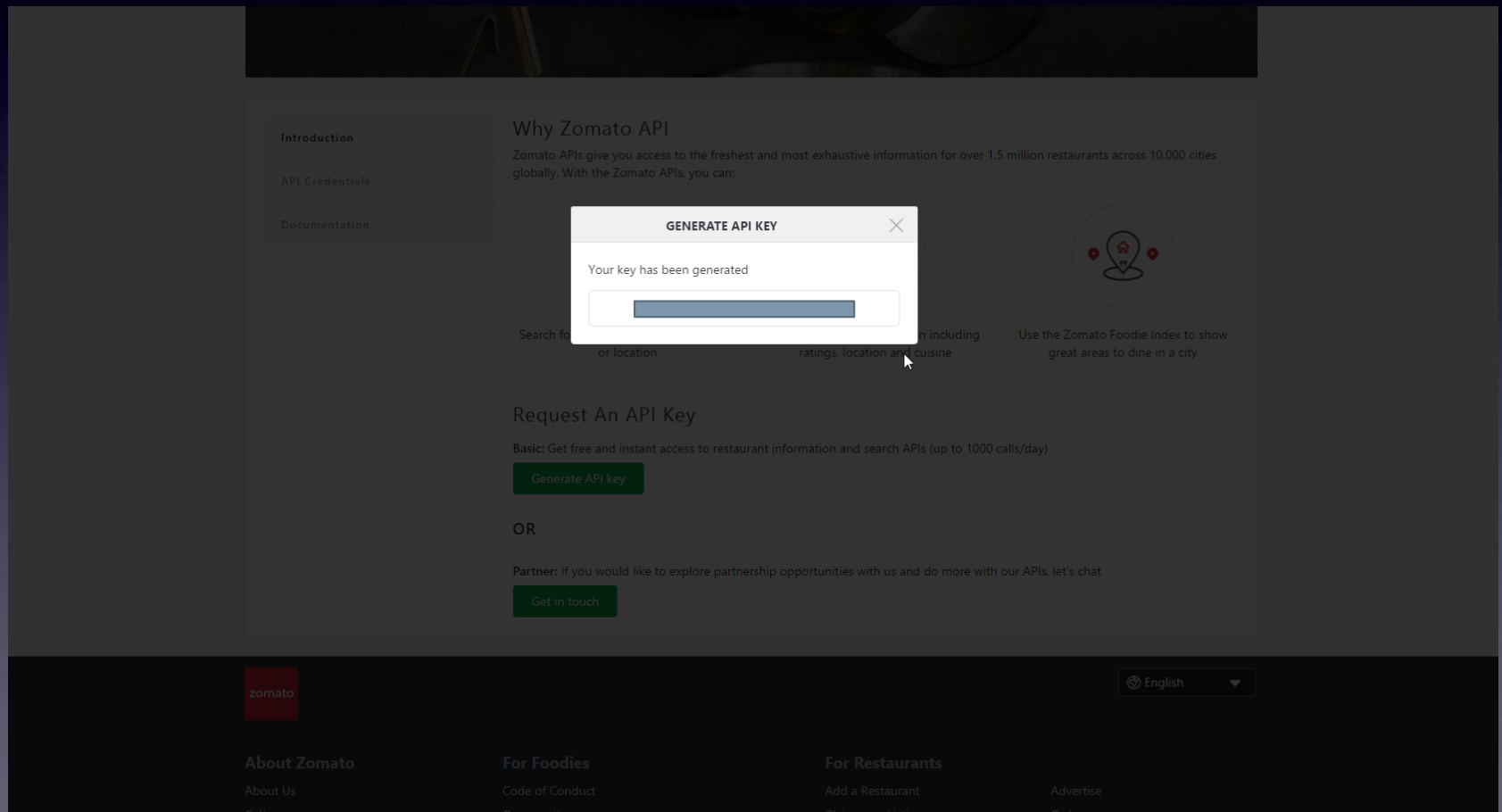
The screenshot shows the Zomato API registration page. A modal window titled "GENERATE API KEY" is open, containing the following fields and a button:

- NAME: Bow Liu
- EMAIL: chih.ting.liu@gmail.com
- PHONE: 01234567778654
- COMPANY: none
- Generate API Key button

Below the form, there is a checkbox for "I agree to the Zomato API Terms and Conditions" and a "Generate API Key" button. The background shows the Zomato API documentation page with sections like "Introduction", "API Credentials", and "Documentation".

申請API KEY

- 畫面上就會出現API Key了，Email也會收到



作業要求

- 呼叫API

- <https://developers.zomato.com/api/v2.1/search?q=beef>

- 以上網址要帶入Header

- Accept: application/json

- user-key: <前頁申請的API Key>

- 呈現結果以ListView方式呈現

- 標題：restaurants[i].restaurant.name

- 副標題：restaurants[i].restaurant.location.address

- 圖片：restaurants[i].restaurant.featured_image

- ListView每一列點下後

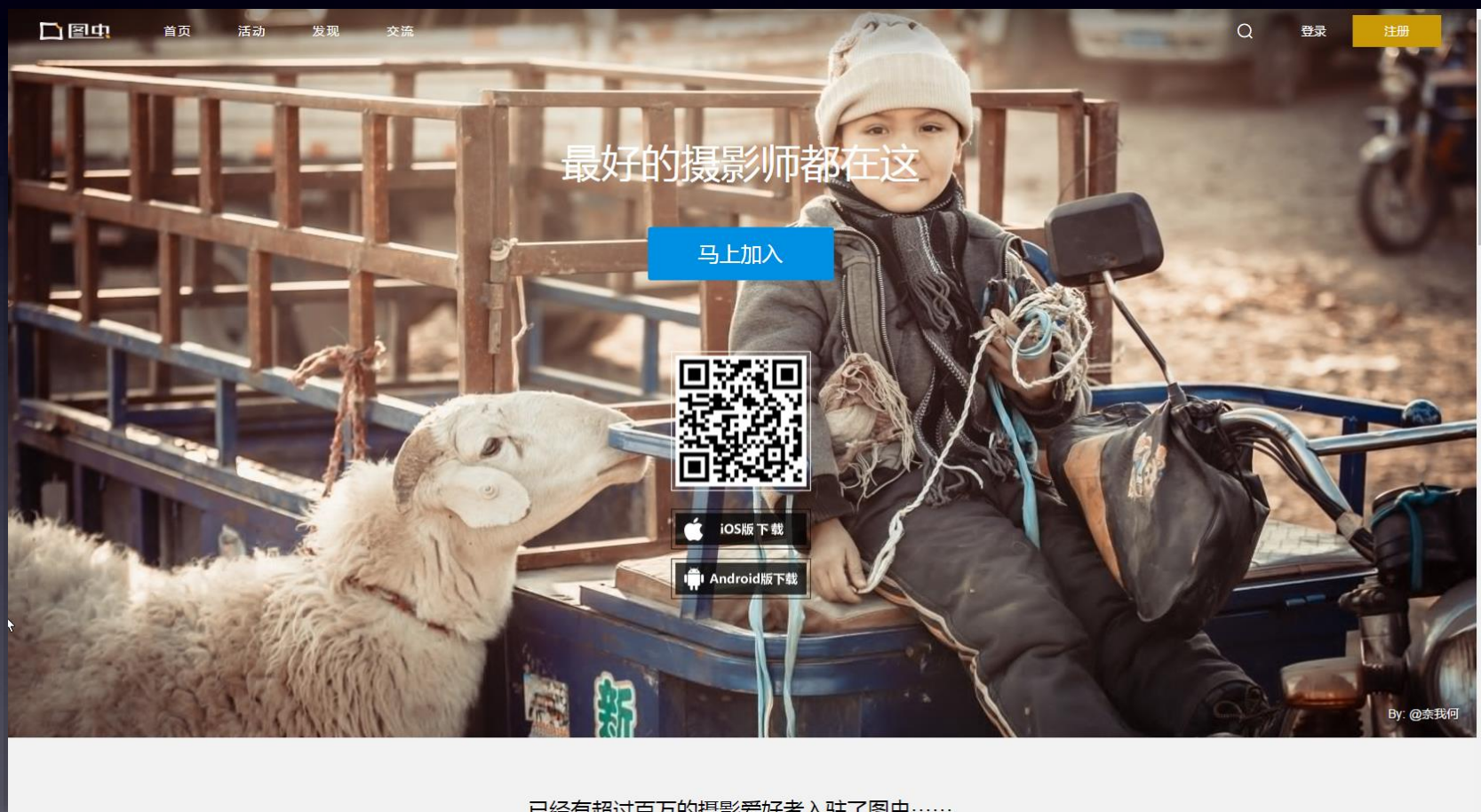
- 啟動瀏覽器App並打開網址restaurants[i].restaurant.url

作業說明

圖蟲網

圖蟲網

- 開發者網站<https://tuchong.com/info/service/>



作業要求

- 呼叫API
 - <https://api.tuchong.com/feed-app>
- 呈現結果以ListView方式呈現
 - 標題：feedList[i].title
 - 副標題：feedList[i].site.description
 - 圖片：feedList[i].site.icon
- ListView每一列點下後
 - 啟動瀏覽器App並打開網址feedList[i].url

作業説明

TVMAZE

TVMAZE

- 開發者網站 <http://www.tvmaze.com/api>



The screenshot shows the TVMAZE API documentation page. At the top, there's a navigation bar with the TVMAZE logo, a search bar labeled "Search Shows and People" with a "Go" button, and links for "Login" and "Register". Below this is a secondary navigation bar with links for "Shows", "People", "Networks", "Web Channels", "Articles", "Schedule", "Calendar", and "Forums". The main content area features the TVMAZE API logo, a welcome message, and detailed information about the REST API, including endpoints for search and single show lookup, with example URLs and descriptions.

TVMAZE Search Shows and People Go Login Register

Shows People Networks Web Channels Articles Schedule Calendar Forums

< TVMAZE > API

If you want to add TV information to your website or app then you've come to the right place!

We provide a free, fast and clean REST API that's easy to use, returns JSON and conforms to the HATEOAS and HAL principles. The root url is <http://api.tvmaze.com> and the available endpoints are documented below. If you have any questions or suggestions regarding the API, please post them on our forums.

In addition to the free public API, there's a user-level API available for all Premium members. The documentation for the user API can be viewed [here](#).

Endpoints

Search

Show search

Search through all the shows in our database by the show's name. A fuzzy algorithm is used (with a fuzziness value of 2), meaning that shows will be found even if your query contains small typos. Results are returned in order of relevancy (best matches on top) and contain each show's full information.

The most common usecase for this endpoint is when you're building a local mapping of show names to TVmaze ID's and want to make sure that you're mapping to exactly the right show, and not to a different show that happens to have the same name. By presenting each show's basic information in a UI, you can have the end-user pick a specific entry from that list, and have your application store the chosen show's ID or URL. Any subsequent requests for information on that show can then be directly made to that show's URL.

- URL: **/search/shows?q=query**
- Example: <http://api.tvmaze.com/search/shows?q=girls>

Show single search

In some scenarios you might want to immediately return information based on a user's query, without the intermediary step of presenting them all the possible matches. In that case, you can use the singlesearch endpoint which either returns exactly one result, or no result at all. This endpoint is also forgiving of typos, but less so than the regular search (with a fuzziness of 1 instead of 2), to reduce the chance of a false positive.

正在等候 bonus.tvmaze.com...

作業要求

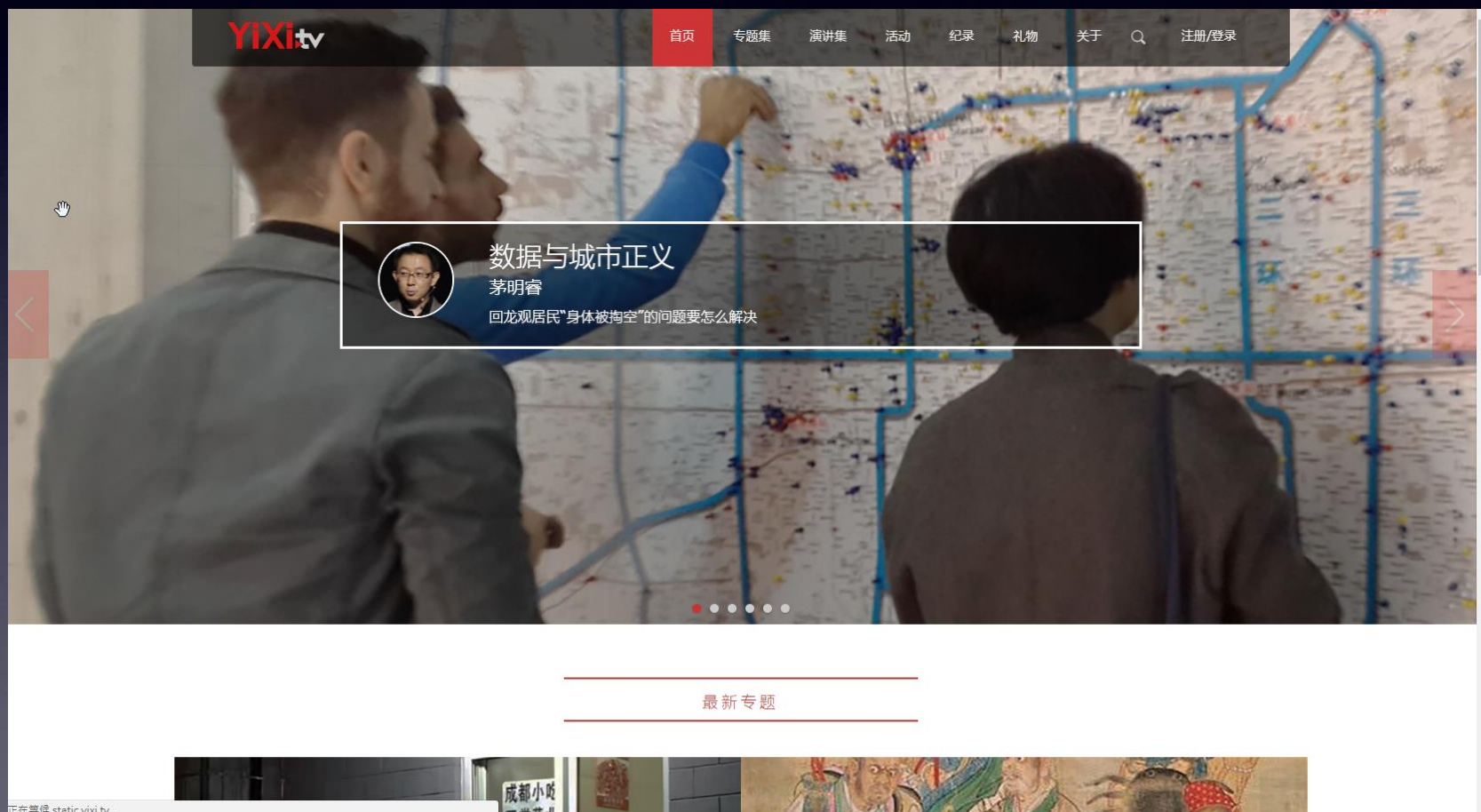
- 呼叫API
 - <http://api.tvmaze.com/search/shows?q=comedy>
- 呈現結果以ListView方式呈現
 - 標題：[i].show.name
 - 副標題：[i].show.network.name
 - 圖片：[i].show.image.medium
- ListView每一列點下後
 - 啟動瀏覽器App並打開網址[i].show.url

作業説明

一席

一席

- 沒有開發者網站



作業要求

- 呼叫API
 - <http://api.yixi.tv/api/v1/album>
- 呈現結果以ListView方式呈現
 - 標題：data[i].title
 - 副標題：data[i].desc
 - 圖片：data[i].lectures[j].cover
- ListView每一列點下後
 - 啟動瀏覽器App並打開網址 <http://www.yixi.tv/lecture/> + data[i].id

Q & A