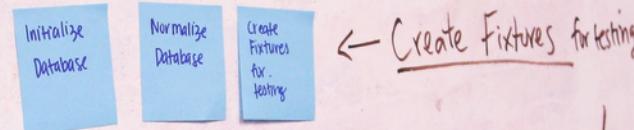


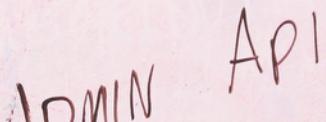
1) WEEK 4 : Design



2) WEEK 5 : Design



3) WEEK 6 : Dev



ADMIN API

Source: Tommy Wong

# JAVASCRIPT BASED DATA VISUALIZATION FRAMEWORKS, LIBRARIES, AND TOOLS

Bernard Suen

Center for Entrepreneurship

Chinese University of Hong Kong

# **Recap**

**Setup A/B Test in Google Optimise.**



## Courses

SORT BY: Release date (newest first)



Application Development >

**New Media Business Model and Innovation**



Social Innovation >

**Data and Stories for Social Engagement**



Application Development >

**Hacking COVID-19 Using Design & Coding Tools**



Application Development >

**Data Driven Product and Service Design**

Chat with me



**Hypothesis:** Landing page without blog titles and links will have a higher bouncing rate.

# Courses

SORT BY:

Release date (newest first)



Application Development >

**New Media Business Model and Innovation**



Social Innovation >

**Data and Stories for Social Engagement**



Application Development >

**Hacking COVID-19 Using Design & Coding Tools**



Application Development >

**Data Driven Product and Service Design**

Chat with me



Original Version

# Courses

SORT BY:

Release date (newest first)



Application  
Development >

**New Media  
Business  
Model and  
Innovation**



Social Innovation >

**Data and  
Stories for  
Social  
Engagement**



Application  
Development >

**Hacking  
COVID-19  
Using Design  
& Coding Tools**

# Blogs

**COVID-19: The Great Accelerator of Work and Learning**

**Lesson from the TikTok Deal: Navigating the Parallel Internet**

**Making Remote Works Collaborative and Accountable**

**No-code/Low-code: the Spreadsheet Revolution Replayed?**

**C3 vs D3: Best of Both Worlds**

**The IoT Technology Stack May be Falling Apart**



**Variant Version**

## Design and Code (1)

Nov 2, 2020 - Nov 9, 2020

Running

Conversions / Page Metrics ▾ Export ▾

This report is based on 100% of sessions. [Learn more](#)

Greater precision ▾

All Users  
100.00% Experiment Sessions+ Add Segment

## Explorer

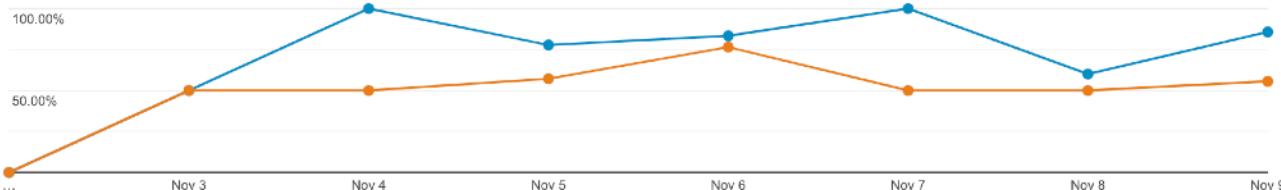
Conversions Site Usage Goal Set 1

Calculated Bounce Rate ▾ VS. Select a metric

Day Week Month

Original

Variant 1



111 Experiment Sessions

8 days of data

100% users included

Status: Running

Running

Primary Dimension: Variant

Plot Rows

Variant

 Original Variant 1

Experiment Sessions

Experiment Bounces

Calculated Bounce Rate ↑

↑

50 39

78.00%

61 36

59.02%

Show rows: 10 Go to: 1 1 - 2 of 2



Optimize

dc.cuhkcfe.io

## Design and Code (1)

A/B test



Details

Reporting

Run Optimize experiments for at least two weeks. [Learn more.](#)ACTIVE VISITORS  
2COLLECTED SESSIONS  
111  
DAYS  
8[View full chart](#)

STARTED MANUALLY:

EXPIRATION SCHEDULED:

Mon, Nov 2, 2020, 9:56 PM GMT+8 Sun, Jan 31, 2021, 9:56 PM GMT+8

Bounces [PRIMARY](#)Based on Google Analytics data as of Tue, Nov 10, 2020, 6:08 AM GMT+8. [View in Analytics](#) Variant ↑ Original

1 active visitor

## OBSERVED DATA

Experiment Sessions	Experiment Bounces	Calculated Bounce Rate
---------------------	--------------------	------------------------

48	37	77.08%
----	----	--------

 Variant 1

1 active visitor

59	34	57.63%
----	----	--------

## OPTIMIZE ANALYSIS

Probability to be Best	Modeled Bounce Rate
------------------------	---------------------

2%	62.3%	86.6%
----	-------	-------

98%	43.7%	69.5%
-----	-------	-------

Modeled Improvement

Baseline

1% to 44%

Modeled Bounce Rate

All Last 7 days



Optimize

dc.cuhkcfe.io

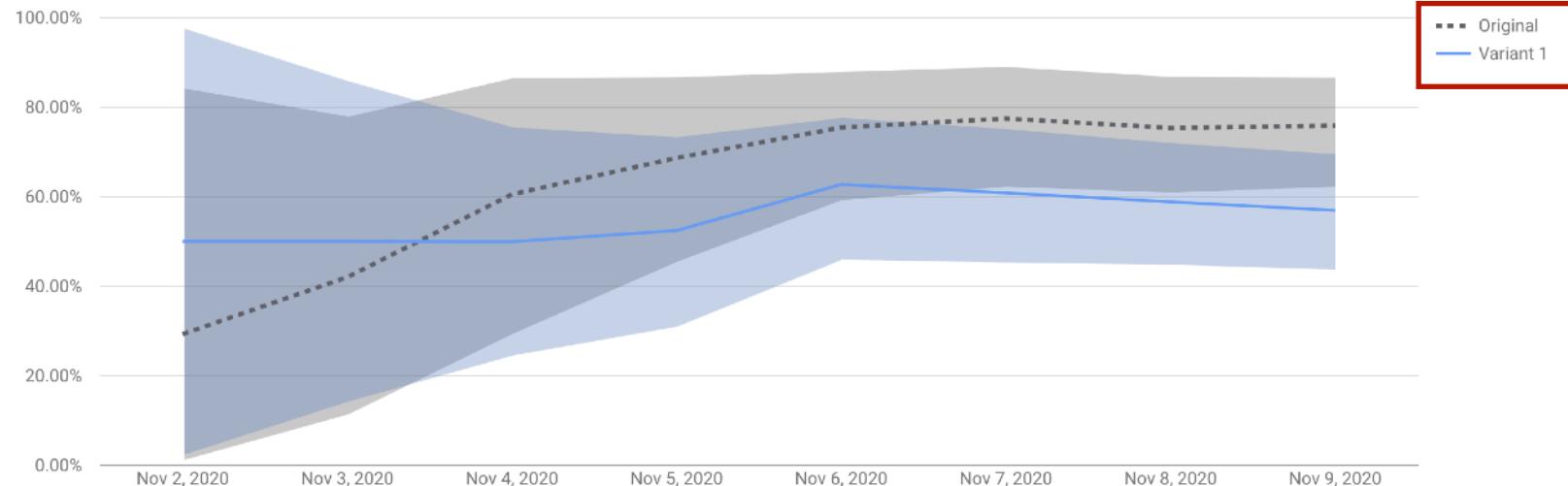
## Design and Code (1)

A/B test



Details

Reporting

[Learn more about Optimize reports.](#)[Terms of Service](#) • [Privacy Policy](#)

1. What is Key Performance Index (**KPI**)?
2. How to design a **dashboard** to communicate KPI?
3. **3 Use Cases** of dashboard for your final project
  - Google Analytics dashboard (for web team)
  - User dashboard (for end-user and customer)
  - Operation dashboard (for business staff)
4. **Implementation** of dashboard in Google Analytics,  
Airtable + Datawrapper, and JQuery/Airtable API + dataviz libraries

## **Key Performance Indicators**

- a. Set goals and quantify outcome for meeting the goals
- b. Outcome should be actionable behaviour that can be observed by humans or machines
- c. Track causes not only effects to understand the “why” as well as the “how”
- d. Determine measurement period (e.g. **2 weeks**)
- e. Determine unit of measurement (e.g. **page views, # of users**)
- f. Derive metrics and KPI from units of measurement (e.g. **bounce rate**)

## **1. General Dashboard Design Principles**

- a. **Determine the user**
- b. **Make sure you have the right metrics/KPI**
- c. **Choose the right chart type and encoding principles**
- d. **Provide context suitable for the medium. Make every pixel count. Less is more.**

## **2. Dashboard Types**

- a. **Operational (e.g. daily operation flow)**
- b. **Tactical (e.g. campaign based)**
- c. **Strategic (e.g. new product launch, new market entry)**

#### **4. Make Data Relevant to the User**

- a. **Provide context** (e.g. medium and background) to understand the pre-condition of the data source
- b. **Profile user** (e.g. demographics data)

#### **5. Simplify the Dashboard**

- a. Group and show the data with the purpose to make it easy for the user to take action with the knowledge from the data
- b. Simplify but not distort relationship (remove unnecessary noise in the data that may cause confusion)
- c. Use of interactivity to drill down to details instead of showing too much information up front

#### **6. Frequency of Update**

- a. Real-time vs. Occasional
- b. Hourly, Daily, Weekly, Monthly

## **1. 3 use cases of dashboard for your final project**

- Google Analytics dashboard
- User dashboard
- Operation dashboard

## **2. Implementation of a dashboard using:**

- Google Analytics
- Airtable + Airtable Apps
- JQuery/Airtable API/JS Dataviz libraries

# **Google *Analytics* Dashboards**

## **Audience/ Aquisition Dashboard**

Where do  
users come  
from?

**Countries/  
Cities/  
channels**

+

## **Behaviour Dashboard**

What do  
people click  
and see?

**Enter/Exit/  
Flow**

+

## **Conversion Dashboard**

Have they  
been  
engaged ?

**Goal/Loyalty**

## **Campaign Traffic by Acquisition Channels**

- 1. Web, email, QR code, social media promotion  
(using UTM code)**
- 2. Registration invitation (e.g. Airtable form as a  
conversion goal)**
- 3. Registration and payment tracking**
- 4. Event attendance**
- 5. Post-event evaluation (e.g. onsite Airtable form as  
a conversion goal)**
- 6. Score keeping (conversion metrics)**

SOURCES	MEDIUM	CAMPAIGN	URL (e.g. <a href="http://x.com">http://x.com</a> )
<b>CUHK Campus Billboard</b>	<b>QR Code</b>	<b>qr_2020_11_09</b>	<a href="http://ybsuen.github.io?utm_source=CUHK%20Campus%20Billboard&amp;utm_medium=QR%20Code&amp;utm_campaign=qr_2020_11_09">http://ybsuen.github.io?utm_source=CUHK%20Campus%20Billboard&amp;utm_medium=QR%20Code&amp;utm_campaign=qr_2020_11_09</a>
<b>facebook</b>	<b>cpc</b>	<b>jg180320</b>	<a href="http://ybsuen.github.io?utm_source=facebook&amp;utm_medium=cpc&amp;utm_campaign=jg180320">http://ybsuen.github.io?utm_source=facebook&amp;utm_medium=cpc&amp;utm_campaign=jg180320</a>
<b>mailchimp</b>	<b>email</b>	<b>jg180320</b>	<a href="http://ybsuen.github.io?utm_source=mailchimp&amp;utm_medium=email&amp;utm_campaign=jg180320">http://ybsuen.github.io?utm_source=mailchimp&amp;utm_medium=email&amp;utm_campaign=jg180320</a>
<b>google</b>	<b>organic, cpc</b>	<b>jg180320</b>	<a href="http://ybsuen.github.io?utm_source=google&amp;utm_medium=organic&amp;utm_campaign=jg180320">http://ybsuen.github.io?utm_source=google&amp;utm_medium=organic&amp;utm_campaign=jg180320</a>



## Templates

Use these starter bases to get a jump start on your project. For inspiration from community-published bases, check out Universe.



Search te...

### CATEGORIES

Featured

Content production

Creative

# Marketing campaign tracking Template

[Use template](#)

#MARKETING #STARTUP

Stop wasting time compiling spreadsheets to track your marketing campaigns, and spend more time doing what you love: coming up with new marketing ideas and generating new

<https://airtable.com/templates/marketing/expNoL0sYUbOogSCm/advertising-campaigns>

## Marketing Campaign Tracking

HELP ? 🔔 🔍

	Campaigns	Ad Sets & Creative	UTM Builder	Platform Summary	Customer Stage	SHARE	AUTOMATIONS	APPS
	Main View	...	Hide fields	Filter	Group	Sort	Color	Share view
	Completed Link (incl. UTM Code)		Website URL	UTM Snippet	Medium	Source	Campaign	
1	<a href="http://www.porchcam.com/product?utm_medium=search&amp;utm_source=Google">www.porchcam.com/product?utm_medium=search&amp;utm_source=Google</a>		<a href="http://www.porchcam.com/product">www.porchcam.com/product</a>	?utm_medium=search&utm_source=Google	search	Google	Google-securityCamera-2016-09-01	
2	<a href="http://www.porchcam.com/homesecurity?utm_medium=social&amp;utm_source=Facebook">www.porchcam.com/homesecurity?utm_medium=social&amp;utm_source=Facebook</a>		<a href="http://www.porchcam.com/homesecurity">www.porchcam.com/homesecurity</a>	?utm_medium=social&utm_source=Facebook	social	Facebook	Facebook-homeSecurity-2017-10-01	
3	<a href="http://www.porchcam.com/homesecurity?utm_medium=social&amp;utm_source=Twitter">www.porchcam.com/homesecurity?utm_medium=social&amp;utm_source=Twitter</a>		<a href="http://www.porchcam.com/homesecurity">www.porchcam.com/homesecurity</a>	?utm_medium=social&utm_source=Twitter	social	Twitter	Twitter-homeSecurity-2016-10-03	
4	<a href="http://www.porchcam.com/product?utm_medium=social&amp;utm_source=Facebook">www.porchcam.com/product?utm_medium=social&amp;utm_source=Facebook</a>		<a href="http://www.porchcam.com/product">www.porchcam.com/product</a>	?utm_medium=social&utm_source=Facebook	social	Facebook	Facebook-retargeting-2017-09-26	
5	<a href="http://www.porchcam.com/product?utm_medium=social&amp;utm_source=Facebook">www.porchcam.com/product?utm_medium=social&amp;utm_source=Facebook</a>		<a href="http://www.porchcam.com/product">www.porchcam.com/product</a>	?utm_medium=social&utm_source=Facebook	social	Facebook	Facebook-homeowners-2017-10-10	
6	<a href="http://www.porchcam.com/homesecurity?utm_medium=search&amp;utm_source=Google">www.porchcam.com/homesecurity?utm_medium=search&amp;utm_source=Google</a>		<a href="http://www.porchcam.com/homesecurity">www.porchcam.com/homesecurity</a>	?utm_medium=search&utm_source=Google	search	Google	Google-homeSecurity-2016-10-10	
7	<a href="http://www.porchcam.com/product?utm_medium=display&amp;utm_source=Google">www.porchcam.com/product?utm_medium=display&amp;utm_source=Google</a>		<a href="http://www.porchcam.com/product">www.porchcam.com/product</a>	?utm_medium=display&utm_source=Google	display	Google	Google-retargeting-2016-10-10	
8	<a href="http://www.porchcam.com/addons?utm_medium=social&amp;utm_source=Facebook">www.porchcam.com/addons?utm_medium=social&amp;utm_source=Facebook</a>		<a href="http://www.porchcam.com/addons">www.porchcam.com/addons</a>	?utm_medium=social&utm_source=Facebook	social	Facebook	Facebook-addons-2017-10-24	
9	<a href="http://www.porchcam.com/homesecurity?utm_medium=social&amp;utm_source=Facebook">www.porchcam.com/homesecurity?utm_medium=social&amp;utm_source=Facebook</a>		<a href="http://www.porchcam.com/homesecurity">www.porchcam.com/homesecurity</a>	?utm_medium=social&utm_source=Facebook	social	Facebook	Facebook-homeSecurity-2017-10-10	
10	<a href="http://www.porchcam.com/product?utm_medium=social&amp;utm_source=Facebook">www.porchcam.com/product?utm_medium=social&amp;utm_source=Facebook</a>		<a href="http://www.porchcam.com/product">www.porchcam.com/product</a>	?utm_medium=social&utm_source=Facebook	social	Facebook	Facebook-homeowners-2017-10-10	
11	<a href="http://dc.cuhkcfe.io?utm_medium=qrcode&amp;utm_source=CUHKCampus">dc.cuhkcfe.io?utm_medium=qrcode&amp;utm_source=CUHKCampus</a>		<a href="http://dc.cuhkcfe.io">dc.cuhkcfe.io</a>	?utm_medium=qrcode&utm_source=CUHKCampus	qrcode	CUHK Campus	CUHK Campus-CUstudents-2020	
+								

11 records

All accounts > Data Driven Product & S... All Web Site Data

Try searching “Users today”

Analytics Home Customization Dashboards Custom Reports Saved Reports Custom Alerts

Realtime Audience Acquisition Behavior Conversions Attribution BETA

Discover Admin

**BS User Acquisition Dashboard**

Oct 29, 2020 - Nov 4, 2020

+ Add Widget Share Email Export + Add Segment

**All Users** 100.00% Sessions

Visits by Source / Medium

(direct) / (none) 4s5h3.r.ah.d.sendibm4.com / referral google / organic optimize.google.com / referral changerzcl.github.io / referral Other

Source	Percentage
(direct) / (none)	60%
4s5h3.r.ah.d.sendibm4.com / referral	23.7%
google / organic	5.7%
optimize.google.com / referral	4.7%
Other	4%

Search Engines

Source	Sessions
google	~17.5
baidu	~5.5

Traffic Sources: Geography Breakdown

Unique Visitors

Analytics | All accounts > Data Driven Product & S... | All Web Site Data | Try searching for "acquisition overview" | 3 | : | :

**Content Analysis Dashboard** | Oct 29, 2020 - Nov 4, 2020 | Customize Dashboard | Delete Dashboard

+ Add Widget | Share | Email | Export | All Users 100.00% Sessions | + Add Segment

### Pageviews and Unique Pageviews by Page Title

Page Title	Pageviews	Unique Pageviews
Courses - Design & Code	544	233
Design & Code	127	99
Data Driven Product and Service Design - Design & Code	62	46
New Media Business Model and Innovation - Design & Code	41	27
Blogs - Design & Code	33	17
Zoom Meetings and Webinars - Design & Code	33	24
Data and Stories for Social Engagement - Design & Code	30	16
Profile - Design & Code	21	15

### Avg. Time on Page and Bounce Rate by Page Title

Page Title	Avg. Time on Page	Bounce Rate
AJAX Requests with Token Authentication - Design & Code	00:19:06	0.00%
Embed Airtable   Coding Everywhere	00:04:23	100.00%
Design Thinking & Data Visualization - Design & Code	00:04:21	100.00%
COVID-19: The Great Accelerator of Work and Learning - Design & Code	00:04:04	100.00%
C3 vs. D3: Best of Both Worlds - Design & Code	00:03:03	100.00%
Data Driven Product and Service Design - Design & Code	00:02:34	35.00%
Zoom Meetings and Webinars - Design & Code	00:02:29	16.67%
Courses - Design & Code	00:02:11	61.19%
New Media Business Model and Innovation - Design & Code	00:01:44	22.22%
Hello world!   Coding Everywhere	00:01:32	0.00%

### Contact Page (Goal 1 Completions) and Contact ...

Landing Page	Learn About Usability (Goal 1 Completions)	Learn About Usability (Goal 1 Conversion Rate)
There is no data for this view.		

### Pageviews by Country / Territory

Country / Territory	Percentage
Hong Kong	62.8%
China	21.3%
United States	9.2%
Japan	2.6%
Taiwan	1.3%
United Arab Emirates	1.3%
Other	1.3%

**Analytics** | All accounts > Data Driven Product & S... **All Web Site Data** ▾ Try searching “Top countries by users” 3

Home Customization Dashboards Custom Reports Saved Reports Custom Alerts

Realtime Audience Acquisition Behavior Conversions

Attribution BETA Discover Admin

### BS Conversion Dashboard

+ Add Widget Share Email Export + Add Segment

Oct 29, 2020 - Nov 4, 2020 Customize Dashboard Delete Dashboard

**All Users** 100.00% Sessions

**Goal Conversion Rate**

Goal Conversion Rate

Date	Goal Conversion Rate (%)
Oct 30	~45%
Oct 31	~25%
Nov 1	~20%
Nov 2	~35%
Nov 3	~25%
Nov 4	~20%

**Most Active Day of the Week by Device**

Pageviews

Day of Week	Pageviews
Sunday	~350
Monday	~180
Friday	~150
Thursday	~130
Saturday	~100
Tuesday	~80
Wednesday	~60

**More than once per week visitors**

Users Pages / Session

Date	Users	Pages / Session
Oct 30	10	~2.5
Oct 31	~15	~2.5
Nov 1	25	~5.5
Nov 2	~20	~4.5
Nov 3	~18	~3.5
Nov 4	~15	~2.5

**Most Engaging Traffic Sources**

Source / Medium	Sessions	Pages / Session
(direct) / (none)	180	2.61
4s5h3.r.ah.d.sendibm4.com / referral	71	4.07
google / organic	17	3.94
optimize.google.com / referral	12	10.75

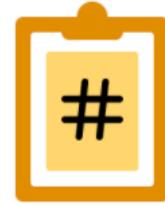
**Traffic Sources**

Source	Value
(direct) / (none)	100%
4s5h3.r.ah.d.sendibm4.com / referral	~5%
baidu / organic	~1%

**Visits and Goal Completions by City**

City	Sessions	Goal Completions
(not set)	226	47
Hangzhou	17	5
Guangzhou	17	5
Shanghai	11	6
Los Angeles	9	7
Guizhou	7	4

# **Operation Dashboard in Airtable**



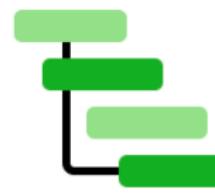
Description      Summary



Chart



Pivot table



Gantt



Open Refine Import ▾

HELP ? 🔔 🚙



AUTOMATIONS APPS

Dashboard 1

+ Install an app

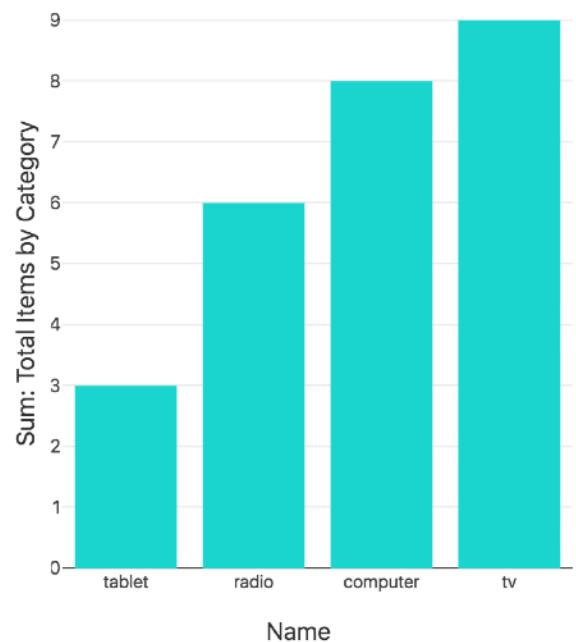
...

Description ▾

## Product Dashboard by Category

This simple dashboard demonstrates how easy it is to use [Airtable chart](#), summary, and [description](#) application to create visual layout to communicate important product information.

Chart ▾



Summary ▾

Summary ▾

Summary ▾

Summary ▾

8

Computer

6

Radio

3

Tablet

9

TV

# **User Dashboard in JQuery/HTML/CSS**



Plugins Contribute Events Support JS Foundation



Your donations help fund the continued development and growth of jQuery.

SUPPORT THE PROJECT

Download API Documentation Blog Plugins Browser Support

Search



#### Lightweight Footprint

Only 30kB minified and gzipped. Can also be included as an AMD module



#### CSS3 Compliant

Supports CSS3 selectors to find elements as well as in style property manipulation



#### Cross-Browser

Chrome, Edge, Firefox, IE, Safari, Android, iOS, and more



#### Download jQuery

v3.3.1

The 1.x and 2.x branches no longer receive patches.

[View Source on GitHub →](#)

[How jQuery Works →](#)

## What is jQuery?

jQuery is a fast, small, and feature-rich JavaScript library. It makes things like HTML document traversal and manipulation, event handling, animation, and Ajax much simpler with an easy-to-use API that works across a multitude of browsers. With a combination of versatility and extensibility, jQuery has changed the way that millions of people write JavaScript.

## Other Related Projects



## Resources

- [jQuery Core API Documentation](#)
- [jQuery Learning Center](#)
- [jQuery Blog](#)
- [Contribute to jQuery](#)
- [About the jQuery Foundation](#)
- [Browse or Submit jQuery Bugs](#)

## A Brief Look

# Key JQuery Features

- a. **DOM manipulation** using `$(“selector_name”).action`  
(e.g. `$(“H1”).html(“Good morning!”);`  
`$(“H1”).css(“color”, “red”);`)
- b. **Event handling** using click, keypress and other events  
(e.g. `$(“button#ok”).click(function() {...});`)
- c. **Visual effects** such as show, hide, fade, slideup (e.g. `$(“#section”).fadeIn(3000);`)
- d. **UI enhancement** such as draggable, droppable (e.g.  
`$(“#object”).draggable();`)
- e. **GetJSON** request to obtain API data (e.g. Airtable)

# **Handling JS Object & Array in a Loop**

## **Using JQuery + JQuery DataTable**

[INTRODUCTION](#)[RATE LIMITS](#)[AUTHENTICATION](#)[PRODUCT TABLE](#)[ROLL-UP TABLE](#)

Fields

List records

Retrieve a record

Create records

Update records

Delete records

[VENUES TABLE](#)[USERS TABLE](#)[SW\\_PRODUCT TABLE](#)[ERRORS](#)

## AUTHENTICATION

Airtable uses simple token-based authentication. To generate or manage your API key, visit your [account](#) page. **Your API key carries the same privileges as your user account, so be sure to keep it secret!**

You can authenticate to the API by providing your API key in the HTTP authorization bearer token header. Alternatively, a slightly lower-security approach is to provide your API key with the `api_key` query parameter.

All API requests must be authenticated and made over HTTPS.

## PRODUCT TABLE

### Fields

Each record in the `Product` table contains the following fields:

FIELD	TYPE	DESCRIPTION
NAME	Text	string

[curl](#)[JavaScript](#) show API key

### EXAMPLE USING BEARER TOKEN (RECOMMENDED)

```
$ curl https://api.airtable.com/v0/appKIU0zkdHt3AVTL/Product \
-H "Authorization: Bearer keycj6dRwXwYLEjiv"
```

### EXAMPLE USING QUERY PARAMETER

```
$ curl https://api.airtable.com/v0/appKIU0zkdHt3AVTL \
/Product?api_key=keycj6dRwXwYLEjiv
```

EXAMPLE VALUES

```
{"records": [ {"id": "rec3HT1JWHJkWzOW9", "fields": { "company": "Van Houten", "product_code": "tv", "product_no": "56", "geocode2": "Delfzijlstraat 58, arnhem, the netherlands", "json": "http://maps.googleapis.com/maps/api/geocode/json?sensor=false&address=Delfzijlstraat+58%2C+arnhem%2C+the+netherlands", "gender": "f", "name": "l. wokken"}, "createdTime": "2019-10-20T13:27:55.000Z"}, {"id": "rec3raoMoTAUiT8qB", "fields": { "company": "Van Houten", "product_code": "radio", "product_no": "23", "geocode2": "Delfzijlstraat 61, arnhem, the netherlands", "json": "http://maps.googleapis.com/maps/api/geocode/json?sensor=false&address=Delfzijlstraat+61%2C+arnhem%2C+the+netherlands", "gender": "f", "name": "l. dokken"}, "createdTime": "2019-10-20T13:27:55.000Z"}, {"id": "rec50XNS5jyVFVpVt", "fields": { "company": "Akzo", "product_code": "tv", "product_no": "12", "geocode2": "Leeuwardenweg 179, arnhem, the netherlands", "json": "http://maps.googleapis.com/maps/api/geocode/json?sensor=false&address=Leeuwardenweg+179%2C+arnhem%2C+the+netherlands", "gender": "m", "name": "p. vansen"}, "createdTime": "2019-10-20T13:27:55.000Z"}, {"id": "rec5NDqIL9M4lTcCw", "fields": { "company": "Phillips", "product_code": "radio", "product_no": "23", "geocode2": "Groningen singel 152, arnhem, the netherlands", "json": "http://maps.googleapis.com/maps/api/geocode/json?"}]}]
```

Airtable table data in JSON format.

## JSON Viewer☆

Save &amp; Share

Sample       

```
1  [{"records": [{"id": "rec3HT1JWHJkWzOW9", "fields": {"company": "Van Houten", "Product code": "tv", "Number": "56", "geocode2": "Delfzijlstraat 58, arnhem, the netherlands", "json": "http://maps.googleapis.com/maps/api/geocode/json?sensor=false&address=Delfzijlstraat+58%2C+arnhem%2C+the+netherlands", "Gender": "f", "name": "l. wokken"}, "createdTime": "2019-10-20T13:27:55.000Z"}, {"id": "rec3raoMoTAUiT8qB", "fields": {"company": "Van Houten", "Product code": "radio", "Number": "23", "geocode2": "Delfzijlstraat 61, arnhem, the netherlands", "json": "http://maps.googleapis.com/maps/api/geocode/json?sensor=false&address=Delfzijlstraat+61%2C+arnhem%2C+the+netherlands", "Gender": "f", "name": "l. dokken"}, "createdTime": "2019-10-20T13:27:55.000Z"}, {"id": "rec50XNS5jyVFVpVt", "fields": {"company": "Akzo", "Product code": "tv", "Number": "12", "geocode2": "Leeuwardenweg 179, arnhem, the netherlands", "json": "http://maps.googleapis.com/maps/api/geocode/json?sensor=false&address=Leeuwardenweg+179%2C+arnhem%2C+the+netherlands", "Gender": "m", "name": "p. vansen"}, "createdTime": "2019-10-20T13:27:55.000Z"}, {"id": "rec5NDqIL9M4lTcCw", "fields": {"company": "Phillips", "Product code": "radio", "Number": "23", "geocode2": "Groningsingel 152, arnhem, the netherlands", "json": "http://maps.googleapis.com/maps/api/geocode/json?sensor=false&address=Groningsingel+152%2C+arnhem%2C+the+netherlands", "Gender": "m", "name": "p. franssen"}]}]
```

Ln: 1 Col: 1

Result mode:

tree 

Load Url

Browse

Tree Viewer

2 Tab Space 

Beautify



guidebook  
Build a beautiful mobile app in 4 easy steps.  
[LEARN MORE](#)

View 

object ► records ► 0 ► fields ►

object {1}

records [25]

0 {3}

**id : rec3HT1JWHJkWzOW9**

fields {7}

company : Van Houten

Product code : tv

Number : 56

geocode2 : Delfzijlstraat 58, arnhem, the netherlands

json : <http://maps.googleapis.com/maps/api/geocode/json?sensor=false&address=Delfzijlstraat+58%2C+arnhem%2C+the+netherlands>

Gender : f

name : l. wokken

createdTime : 2019-10-20T13:27:55.000Z

1 {3}

2 {3}

3 {3}

4 {3}

<https://codebeautify.org/jsonviewer>

# Airtable GetJSON

## Airtable API Demo

Using jQuery getJSON and  
Airtable API for fun!

Airtable is a wonderful spreadsheet-like database with many useful features for data modeling and basic analytics. When used with other data visualization libraries, it can be a great tool for rapid prototyping

Show Table	Show Total	Clear Tables		
Show 10 entries		Search: <input type="text"/>		
Company↑	Product↓	Number↓	Geo Code ↑↓	JSON
Akzo	tv	12	Leeuwardenweg 179, arnhem, the netherlands	<a href="http://maps.googleapis.com/maps/api/geocode/json?sensor=false&amp;address=Leeuwardenweg+179%2C+arnhem">http://maps.googleapis.com/maps/api/geocode/json? sensor=false&amp;address=Leeuwardenweg+179%2C+arnhem</a>
Akzo	radio	34	Leeuwardenweg 181, arnhem, the netherlands	<a href="http://maps.googleapis.com/maps/api/geocode/json?sensor=false&amp;address=Leeuwardenweg+181%2C+arnhem">http://maps.googleapis.com/maps/api/geocode/json? sensor=false&amp;address=Leeuwardenweg+181%2C+arnhem</a>
Akzo	tv	43	Leeuwardenweg 178, arnhem, the netherlands	<a href="http://maps.googleapis.com/maps/api/geocode/json?sensor=false&amp;address=Leeuwardenweg+178%2C+arnhem">http://maps.googleapis.com/maps/api/geocode/json? sensor=false&amp;address=Leeuwardenweg+178%2C+arnhem</a>

Using jQuery getJSON and Airtable API for fun!

Airtable is a wonderful spreadsheet-like database with many useful features for data modeling and basic analytics. When used with other data visualization libraries, it can be a great tool for rapid prototyping

Show Table	Show Total	Clear Tables
Show 10 entries	Search:	
Product	Total Amount	
computer	8	
radio	6	
tablet	3	
tv	9	

Showing 1 to 4 of 4 entries

Previous 1 Next

# Airtable GetJSON

## Airtable API Demo

Using jQuery getJSON and Airtable API for fun!

Airtable is a wonderful spreadsheet-like database with many useful features for data modeling and basic analytics. When used with other data visualization libraries, it can be a great tool for rapid prototyping

Show Table

Show Total

Clear Tables

```
<div class="container">
<div class="row">
  <div class="col-xs-12 col-sm-12 col-md-12">
    <h1>Airtable GetJSON</h1>
    <div class="card" style="width: 18rem;">
      <div class="card-body">
        <h5 class="card-title">Airtable API Demo</h5>
        <p id="welcome" class="card-text">Using jQuery getJSON and Airtable API for fun!</p>
      </div>
    </div><!-- end card -->
    <div class="well"><p id="demo">Airtable is a wonderful spreadsheet-like database with many useful features for ...
    <!-- Sign and date the page, it's only polite! -->
    <div>
      <button type="button" class="btn btn-warning" id='get_data'>Show Table</button>
      <button type="button" class="btn btn-warning" id='get_data2'>Show Total</button>
      <button type="button" class="btn btn-warning" id='clear_tables'>Clear Tables</button>
    </div>
    <div class="table-responsive">
      <table id="table1" width="100%" class="table table-bordered"></table> table1 (product )
    </div><!-- table responsive -->
    <div class="table-responsive">
      <table id="table2" width="100%" class="table table-bordered"></table> table2 (roll-up)
    </div><!-- table responsive -->
  </div><!-- end col -->
</div><!--end row -->
</div><!-- container -->
```

## Open Refine Import ▾

HELP ? 🔍 🔔 🔑

Product

Roll-up

Venues

Users

sw\_product



SHARE



AUTOMATIONS



APPS

Grid view



	A company	A product_code	A product_no	A geocode2	A json	A gender	A name
1	Phillips	radiot	5	Groningensingel 14...	<a href="http://maps.googleapis....">http://maps.googleapis....</a>	m	p. jansen
2	Phillips	radio	43	Groningensingel 14...	<a href="http://maps.googleapis....">http://maps.googleapis....</a>	m	p. hansen
3	Phillips	computer	3	Groningensingel 14...	<a href="http://maps.googleapis....">http://maps.googleapis....</a>	m	j. Gansen
4	Phillips	computer	34	Groningensingel 15...	<a href="http://maps.googleapis....">http://maps.googleapis....</a>	m	p. mansen
5	Phillips	computer	12	Groningensingel 15...	<a href="http://maps.googleapis....">http://maps.googleapis....</a>	m	p. fransen
6	Phillips	radio	23	Groningensingel 15...	<a href="http://maps.googleapis....">http://maps.googleapis....</a>	m	p. franssen
7	Akzo	tv	43	Leeuwardenweg 17...	<a href="http://maps.googleapis....">http://maps.googleapis....</a>	m	p. bansen
8	Akzo	tv	12	Leeuwardenweg 17...	<a href="http://maps.googleapis....">http://maps.googleapis....</a>	m	p. vansen
9	Akzo	computer	5	Leeuwardenweg 18...	<a href="http://maps.googleapis....">http://maps.googleapis....</a>	m	p. bransen
10	Akzo	radio	34	Leeuwardenweg 18...	<a href="http://maps.googleapis....">http://maps.googleapis....</a>	m	p. janssen
11	Akzo	tablet	5	Leeuwardenweg 18...	<a href="http://maps.googleapis....">http://maps.googleapis....</a>	f	l. rokken
12	Akzo	tablet	9	Leeuwardenweg 18...	<a href="http://maps.googleapis....">http://maps.googleapis....</a>	f	l. lokken
13	Akzo	computer	8	Leeuwardenweg 18...	<a href="http://maps.googleapis....">http://maps.googleapis....</a>	f	l. mokken
14	Phillips	radio	56	Delfzijlstraat 54, ar...	<a href="http://maps.googleapis....">http://maps.googleapis....</a>	f	l. mokken

25 records

## Airtable API endpoint

JQuery  
getJSON  
API request sent  
to Airtable

table1

```
$("button#get_data").click(function() {  
    var dataSet = [];  
    var items = [];  
    var i = 0;  
    $('.table-responsive').show();  
    var airtable_read_endpoint = "https://api.airtable.com/v0/appKIU0zkdHt3AVTL/Product?api_key=keycj6dRwXwYLEjiv";  
    $.getJSON(airtable_read_endpoint, function(result) {  
        $.each(result.records, function(key,value) {  
            items = [];  
            items.push(value.fields['company']);  
            items.push(value.fields['product_code']);  
            items.push(value.fields['product_no']);  
            items.push(value.fields['geocode2']);  
            items.push(value.fields['json']);  
            items.push(value.fields['gender']);  
            items.push(value.fields['name']);  
            dataSet.push(items);  
            console.log(items);  
        }); // end .each  
        console.log(dataSet);  
  
        $('#table1').DataTable({  
            data: dataSet,  
            retrieve: true,  
            columns: [  
                { title: "Company",  
                    defaultContent:"",}  
                { title: "Product",  
                    defaultContent:"",}  
                { title: "Number",  
                    defaultContent:"",}  
                { title: "Geo Code",  
                    defaultContent:"",}  
                { title: "JSON",  
                    defaultContent:"",}  
                { title: "Gender",  
                    defaultContent:"",}  
                { title: "Name",  
                    defaultContent:""},  
            ]  
        });  
    }); // end .getJSON
```

Set up data format to  
display data in the div  
specified by the selector  
'#table1'.

## Airtable API endpoint

JQuery getJSON API request sent to Airtable

```
$("button#get_data").click(function() {  
    var dataSet = [];  
    var items = [];  
    var i = 0;  
    $('.table-responsive').show();  
    var airtable_read_endpoint = "https://api.airtable.com/v0/appKIU0zkdHt3AVTL/base id/table?API key=keycj6dRwXwYLEjiv";  
    $.getJSON(airtable_read_endpoint, function(result) {  
        $.each(result.records, function(key,value) {  
            items = [];  
            items.push(value.fields['company']);  
            items.push(value.fields['product_code']);  
            items.push(value.fields['product_no']);  
            items.push(value.fields['geocode2']);  
            items.push(value.fields['json']);  
            items.push(value.fields['gender']);  
            items.push(value.fields['name']);  
            dataSet.push(items);  
            console.log(items);  
        }); // end .each  
        console.log(dataSet);  
  
        table1 $("#table1").DataTable( {  
    data: dataSet,  
    retrieve: true,  
    columns: [  
        { title: "Company",  
        defaultContent:"",}  
        { title: "Product",  
        defaultContent:"",}  
        { title: "Number",  
        defaultContent:"",}  
        { title: "Geo Code",  
        defaultContent:"",}  
        { title: "JSON",  
        defaultContent:"",}  
        { title: "Gender",  
        defaultContent:"",}  
        { title: "Name",  
        defaultContent:""}  
    ]  
});  
}); // end .getJSON
```

base id table

Product api\_key=keycj6dRwXwYLEjiv";

table fields

Set up data format to display data in the div specified by the selector '#table1'.

Open Refine Import

HELP ?

SHARE

AUTOMATIONS

APPS

Product Roll-up Venues Users sw\_product +

Radio ... 5 hidden fields Filter Group Sort Color Share view

Name Total Items by Category

	A Name	Total Items by Category
1	radio	6
2	computer	8
3	tv	9
4	tablet	3
+		
4 records		Sum 26

```
$("button#get_data2").click(function() {  
    var items = [];  
    var i = 0;      Airtable API endpoint  
    var airtable_read_endpoint = "https://api.airtable.com/v0/appKIU0zkdHt3AVTL/base id/Roll-up?api_key=keycj6dRwXwYLEjiv";  
    var dataSet = [];  
    $.getJSON(airtable_read_endpoint, function(result) {  
        $.each(result.records, function(key,value) {  
            items = [];  
            items.push(value.fields['Name']);  
            items.push(value.fields['Total Items by Category']);  
            dataSet.push(items);  
            console.log(items);  
        }); // end .each  
        console.log(dataSet);  
  
        table2 = $('#table2').DataTable({  
            data: dataSet,  
            retrieve: true,  
            columns: [  
                { title: "Product",  
                  defaultContent:""},  
                { title: "Total Amount",  
                  defaultContent:"" },  
            ]  
        } );  
    }); // end .getJSON  
}); // end button
```

**table**

**API key**

**JQuery**

**getJSON**

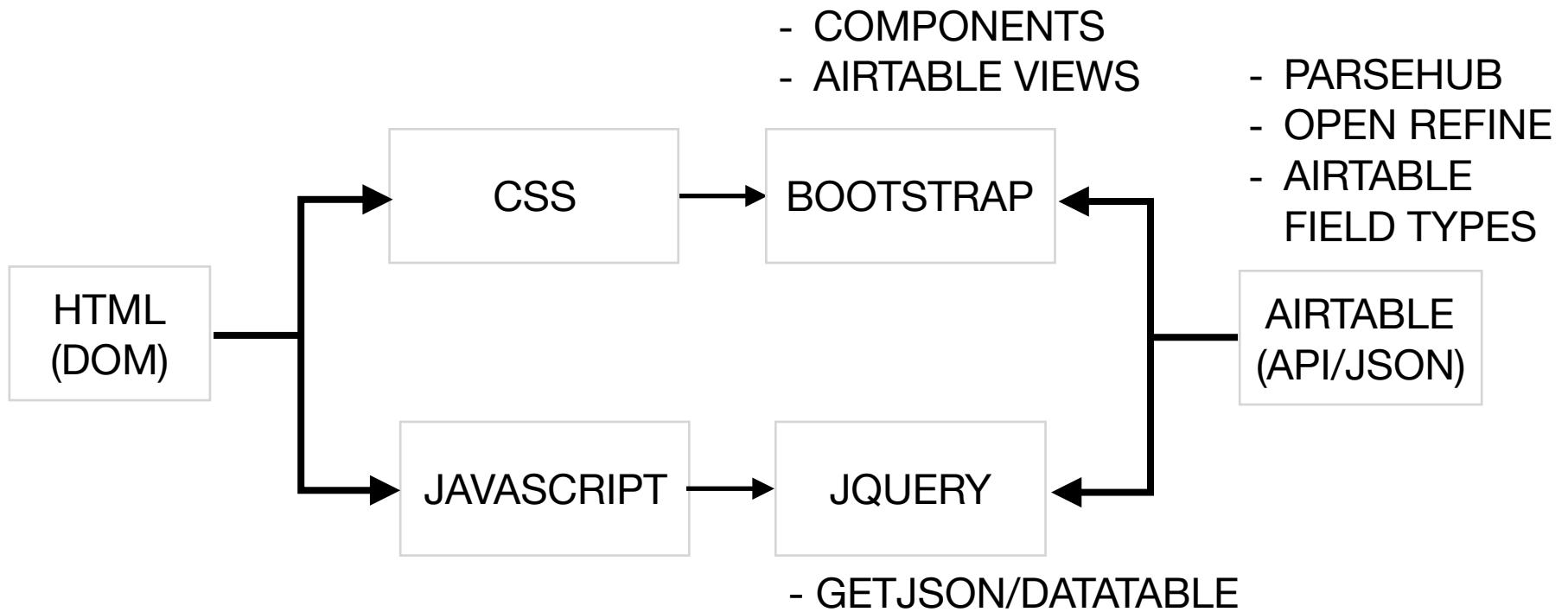
**API request sent to Airtable**

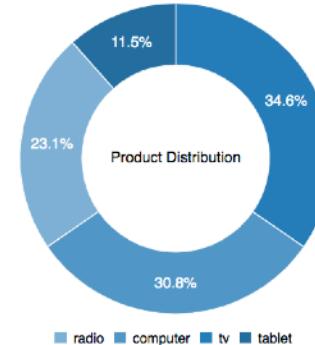
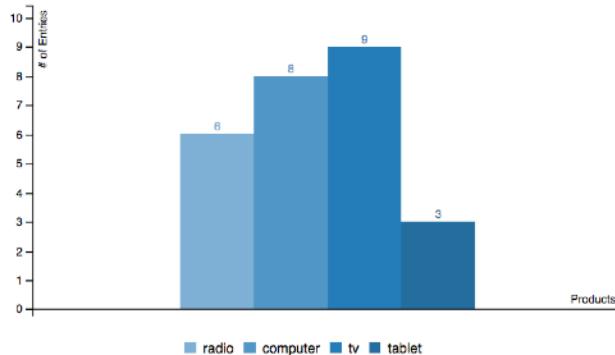
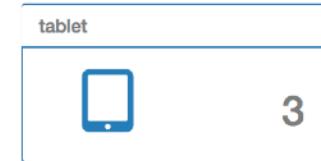
**table fields**

**Set up data format to display data in the div specified by the selector '#table2'.**

**Clearing the data loaded  
into the selectors when the  
'clear\_tables' button is  
clicked.**

```
$("button#clear_tables").click(function() {
    // $('.table-responsive').toggle();
    if ( $.fn.DataTable.isDataTable('#table1') ) {
        $('#table1').DataTable().destroy();
        $('#table1').empty();
    }
    if ( $.fn.DataTable.isDataTable('#table2') ) {
        $('#table2').DataTable().destroy();
        $('#table2').empty();
    }
}); // end clear tables
```

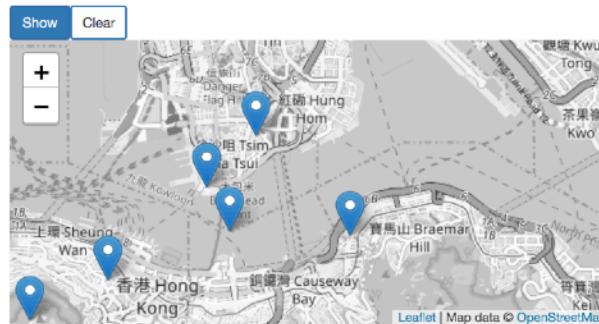




Show 10 entries Search:

Name	Total Entries
computer	8
radio	6
tablet	3
tv	9

Showing 1 to 4 of 4 entries Previous 1 Next



# **Comments on Usability Test**

# USABILITY TEST PLAN DASHBOARD

AUTHOR	CONTACT DETAILS	FINAL DATE FOR COMMENTS
<b>PRODUCT UNDER TEST</b> What's being tested? What are the business and experience goals of the product?	<b>PARTICIPANTS</b> How many participants will be recruited? What are their key characteristics?	<b>RESPONSIBILITIES</b> Who is involved in the test and what are their responsibilities?
<b>BUSINESS CASE</b> Why are we doing this test? What are the benefits? What are the risks of not testing?	<b>EQUIPMENT</b> What equipment is required? How will you record the data?	<b>LOCATION &amp; DATES</b> Where and when will the test take place? When and how will the results be shared?
<b>PROCEDURE</b> What are the main steps in the test procedure?		

The Usability Test Plan Dashboard is licensed under the Creative Commons Attribution-Share Alike 3.0 Unported License. Attribution: [www.userfocus.co.uk/dashboard](http://www.userfocus.co.uk/dashboard)

# **Today's Agenda**

1. Web design using Bootstrap 4 **Pingendo**.
2. Create charts using **C3**.
3. Create maps using **Leaflet**.

**We need a `code editor` to create  
HTML/CSS/JS files.**

Version 1.47 is now available! Read about the new features and fixes from June.

# Code editing. Redefined.

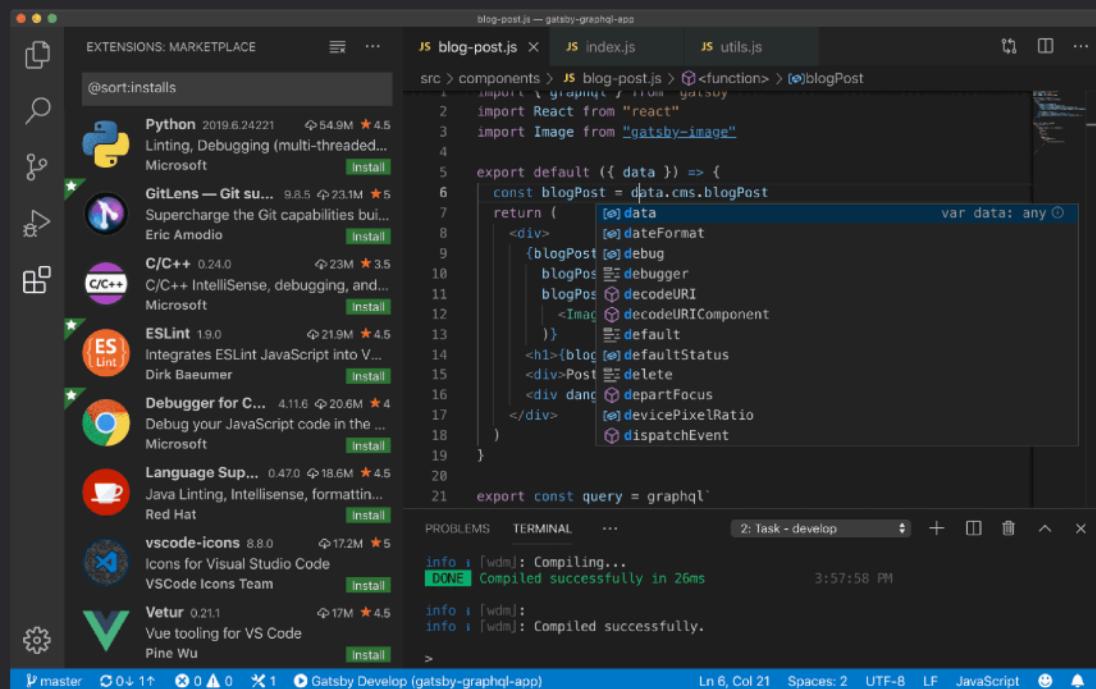
Free. Built on open source. Runs everywhere.

[Download for Mac](#)

Stable Build

[Other platforms and Insiders Edition](#)

By using VS Code, you agree to its  
[license](#) and [privacy statement](#).

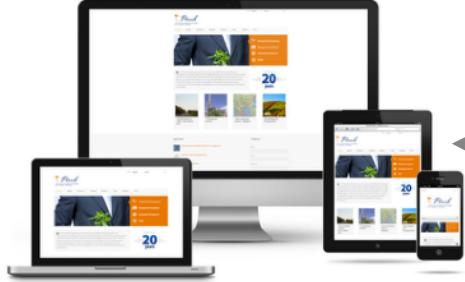


<https://code.visualstudio.com/>

# **Development in Code vs. Development in Code Generator**

# Browser

Screen Display



# Web Server

HTML/CSS/JS

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<title> A Tiny HTML Document </title>
<link href = "styles.css" rel="stylesheet">
<script src="scripts.js"></script>
</head>

<body>
<p>Let's rock the browser, HTML5 style.</p>
</body>
</html>
```

# Code Editor

Visual Studio Code

A screenshot of the Visual Studio Code interface. A file named "index.html" is open in the editor. The code shown is:

```
index.html - web-poc-for-han-programmer
1 DIRECTIVE Mar 2017
2
3 <head>
4   <meta charset="utf-8">
5   <title> A Tiny HTML Document </title>
6   <link href = "styles.css" rel="stylesheet">
7   <script src="scripts.js"></script>
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
```

The code includes standard HTML tags like DOCTYPE, head, body, and p, along with links to external CSS and JS files. The entire screenshot is enclosed in a red border.

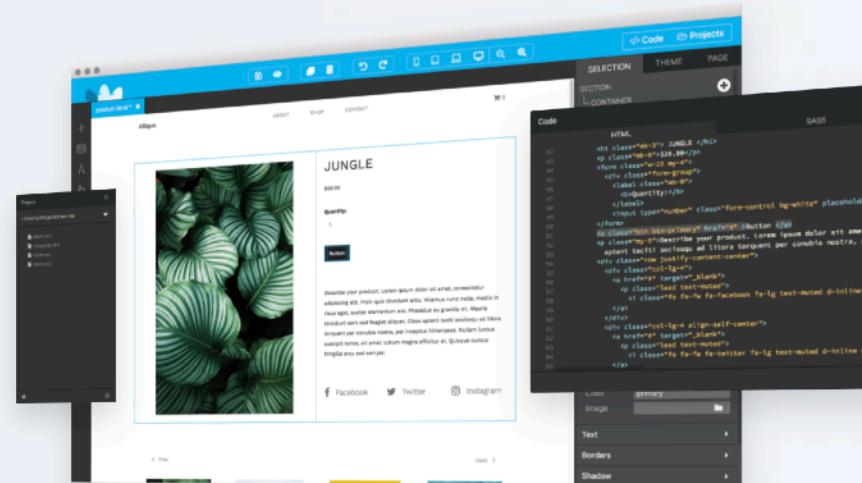
## Pingendo Bootstrap 4 builder

Design, build and deploy web pages in a flow.

Pingendo is a modern tool for designers, developers and web agencies. Intuitive as stacking blocks, powerful as a text editor.

Download it for free

<https://pingendo.com/>



# Browser

Screen Display



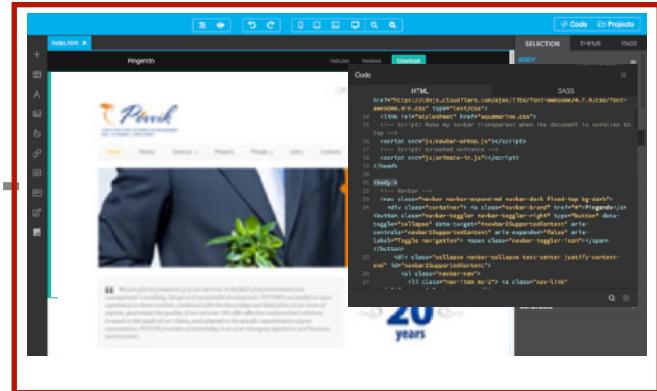
# Web Server

HTML/CSS/JS

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4  <meta charset="utf-8">
5  <title> A Tiny HTML Document </title>
6  <link href="styles.css" rel="stylesheet">
7  <script src="scripts.js"></script>
8  </head>
9
10 <body>
11 <p>Let's rock the browser, HTML5 style.</p>
12 </body>
13 </html>
```

# Code Generator

Pingendo



# **Screen Layout (Composition) Using Bootstrap**

# Bootstrap

Build responsive, mobile-first projects on the web with the world's most popular front-end component library.

Bootstrap is an open source toolkit for developing with HTML, CSS, and JS. Quickly prototype your ideas or build your entire app with our Sass variables and mixins, responsive grid system, extensive prebuilt components, and powerful plugins built on jQuery.

[Get started](#)[Download](#)

Currently v4.3.1

2



<https://getbootstrap.com/>

# Use CDN link to access remote CSS and JS libraries for Bootstrap 4.5.2.

← → 🔍 cdnjs.com/libraries/twitter-bootstrap/4.5.2

Tags: css, less, mobile-first, responsive, front-end, framework, web, twitter, bootstrap

Version 4.5.2 Asset Type All

Some files are hidden, click to show all files

<https://cdnjs.cloudflare.com/ajax/libs/twitter-bootstrap/4.5.2/js/bootstrap.min.js> ⚡ ↗ 🛡

<https://cdnjs.cloudflare.com/ajax/libs/twitter-bootstrap/4.5.2/css/bootstrap-grid.min.css> ⚡ ↗ 🛡

<https://cdnjs.cloudflare.com/ajax/libs/twitter-bootstrap/4.5.2/css/bootstrap-reboot.min.css> ⚡ ↗ 🛡

<https://cdnjs.cloudflare.com/ajax/libs/twitter-bootstrap/4.5.2/css/bootstrap.min.css> ⚡ ↗ 🛡

<https://cdnjs.cloudflare.com/ajax/libs/twitter-bootstrap/4.5.2/js/bootstrap.bundle.min.js> ⚡ ↗ 🛡

<https://cdnjs.com/libraries/twitter-bootstrap/4.5.2>

[Getting started](#)[Layout](#)[Overview](#)[Grid](#)[Utilities for layout](#)[Content](#)[Components](#)[Utilities](#)[Extend](#)

# Grid system

Use our powerful mobile-first flexbox grid to build layouts of all shapes and sizes thanks to a twelve column system, five default responsive tiers, Sass variables and mixins, and dozens of predefined classes.

## How it works

Bootstrap's grid system uses a series of containers, rows, and columns to layout and align content. It's built with [flexbox](#) and is fully responsive.

# **Common Bootstrap Components**

## Components

[Alerts](#)[Badge](#)[Breadcrumb](#)[Buttons](#)[Button group](#)[Card](#)[Carousel](#)[Collapse](#)[Dropdowns](#)[Forms](#)

# Alerts

Provide contextual feedback messages for typical user actions with the handful of available and flexible alert messages.

## Examples

Alerts are available for any length of text, as well as an optional dismiss button. For proper styling, use one of the eight **required** contextual classes (e.g., `.alert-success`). For inline dismissal, use the [alerts jQuery plugin](#).

Search...

Input group

Jumbotron

List group

Media object

Modal

Navs

Navbar

Pagination

Popovers

Progress

Scrollspy

# Alerts

Provide contextual feedback messages for typical user actions with the handful of available and flexible alert messages.

## Examples

Alerts are available for any length of text, as well as an optional dismiss button. For proper styling, use one of the eight **required** contextual classes (e.g., `.alert-success`). For inline dismissal, use the [alerts jQuery plugin](#).

# **Popular Components**

- a. Container
- b. Navbar/Navs
- c. Glyphicons/Images
- d. Grid/Row/Column
- e. Spinners/Progress Bars
- f. Button/Button Groups
- g. Forms/Dropdowns
- h. Jumbotron/Modal
- i. Carousel/Collapse
- j. Media Objects/Icons
- k. Tables/Flex
- l. Pagination/Scrollspy
- m. Badges/List Group/Cards
- n. Modal/Tooltip/Popover

<https://www.w3schools.com/bootstrap4/default.asp>



# Bootstrap themes, templates, and more to help you start your next project!

Start Bootstrap creates free, open source, MIT license, Bootstrap [themes](#), [templates](#), and [code snippets](#) for you to use on any project, [guides](#) to help you learn more about designing and developing with the Bootstrap framework, and premium Bootstrap products.



<https://startbootstrap.com/>

# **Web Resources for Obtaining Free Images**

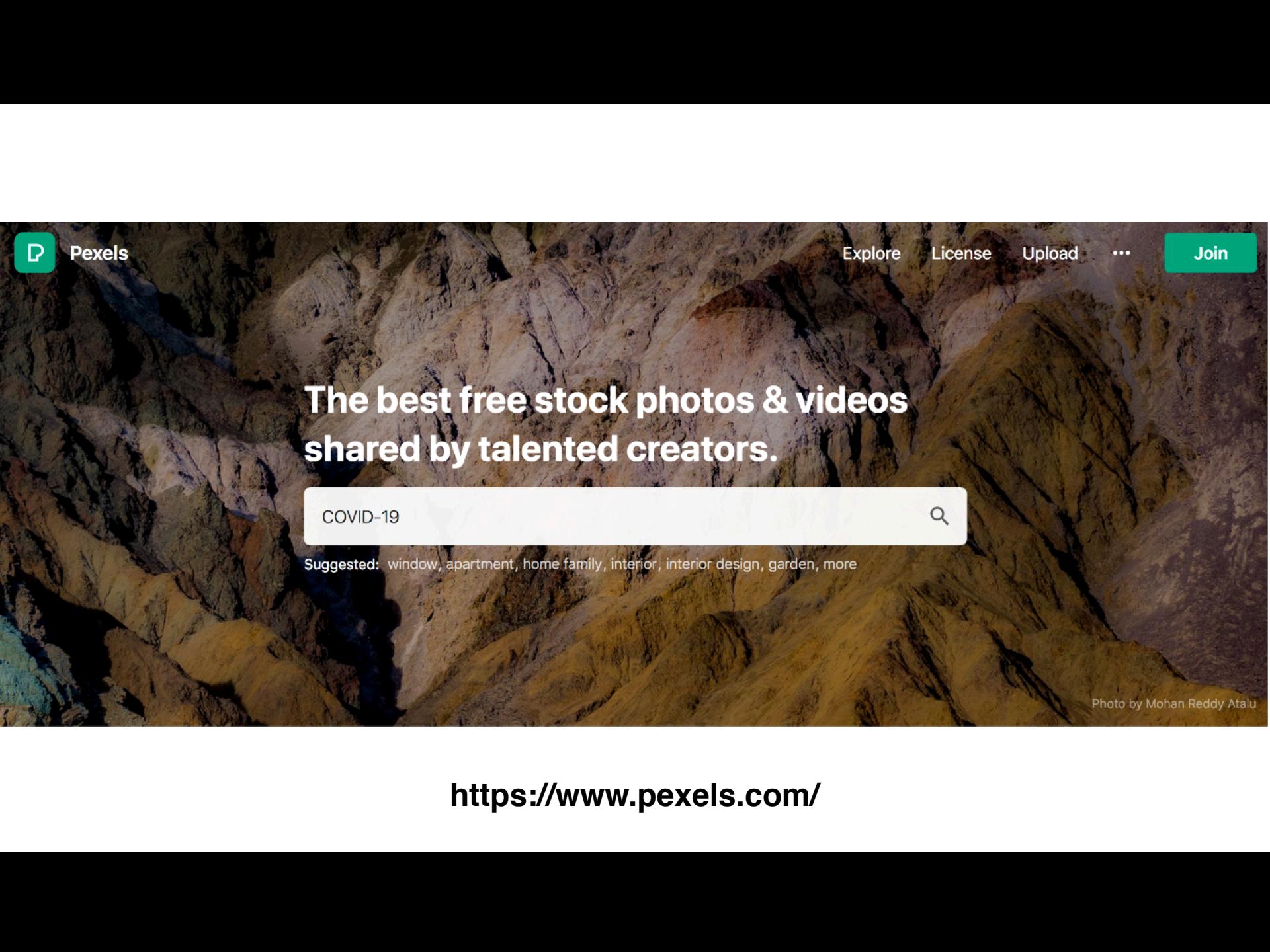
# Unsplash

The internet's source of freely usable images.  
Powered by creators everywhere.

 COVID-19 x

Trending: flower, wallpapers, backgrounds, happy, love

<https://unsplash.com/>



**<https://www.pexels.com/>**

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Free image by mac231

<https://pixabay.com/>

# **Building Bootstrap Website in Pingendo**

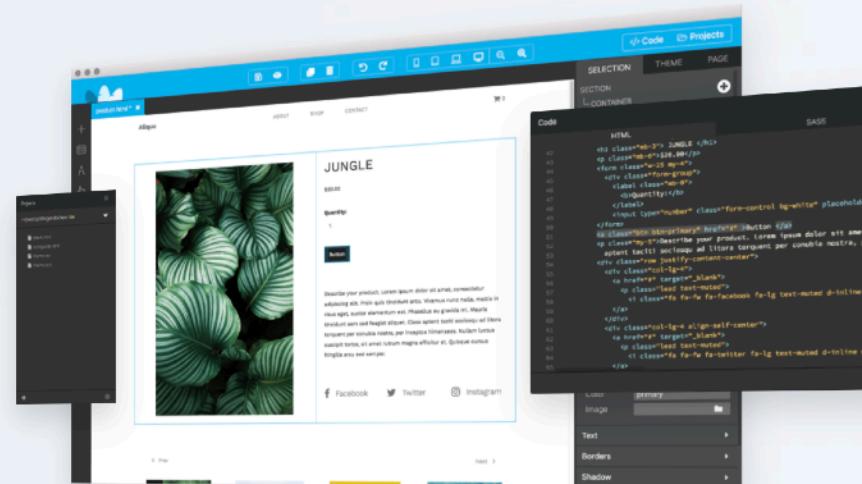
## Pingendo Bootstrap 4 builder

Design, build and deploy web pages in a flow.

Pingendo is a modern tool for designers, developers and web agencies. Intuitive as stacking blocks, powerful as a text editor.

Download it for free

<https://pingendo.com/>





## Static websites

Create responsive static sites, publish and share live URLs to clients in seconds.



## Marketing landings

Build and launch effective pages, with forms and all you need for maximizing conversions.



## Mockup ideas

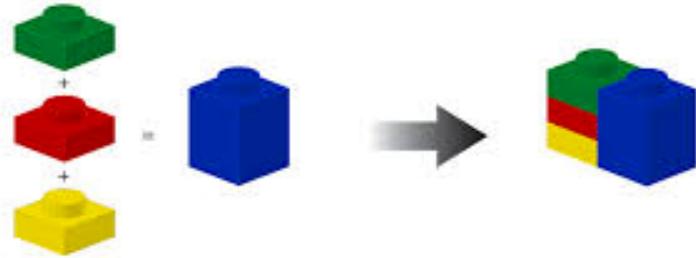
Wireframe quickly your concept and get clean HTML/SASS. Build visually with an extensive UI kit.



## App prototyping

Prototype UX/UI and get battle-tested markups, ready for your next Angular or React project.

# Building blocks



# **Navigation Menu**

≡
</> Code
Projects

+ NAVBARS
COVERS
ARTICLES
ACTIONS
FEATURES
GALLERIES
TESTIMONIALS
TEAMS
PRICING
FORMS
FOOTERS
GRID
TEXT
MEDIA
BUTTONS
NAVS



+

A

+

A

+

+

+

JS

BRAND Features Pricing Product Services About FAQ Contact us

Made with Pingendo Free !

BODY

SETTINGS

ID

Class

Colors

Spacing

Text

Size

Borders

Shadow

Flex

Behaviours



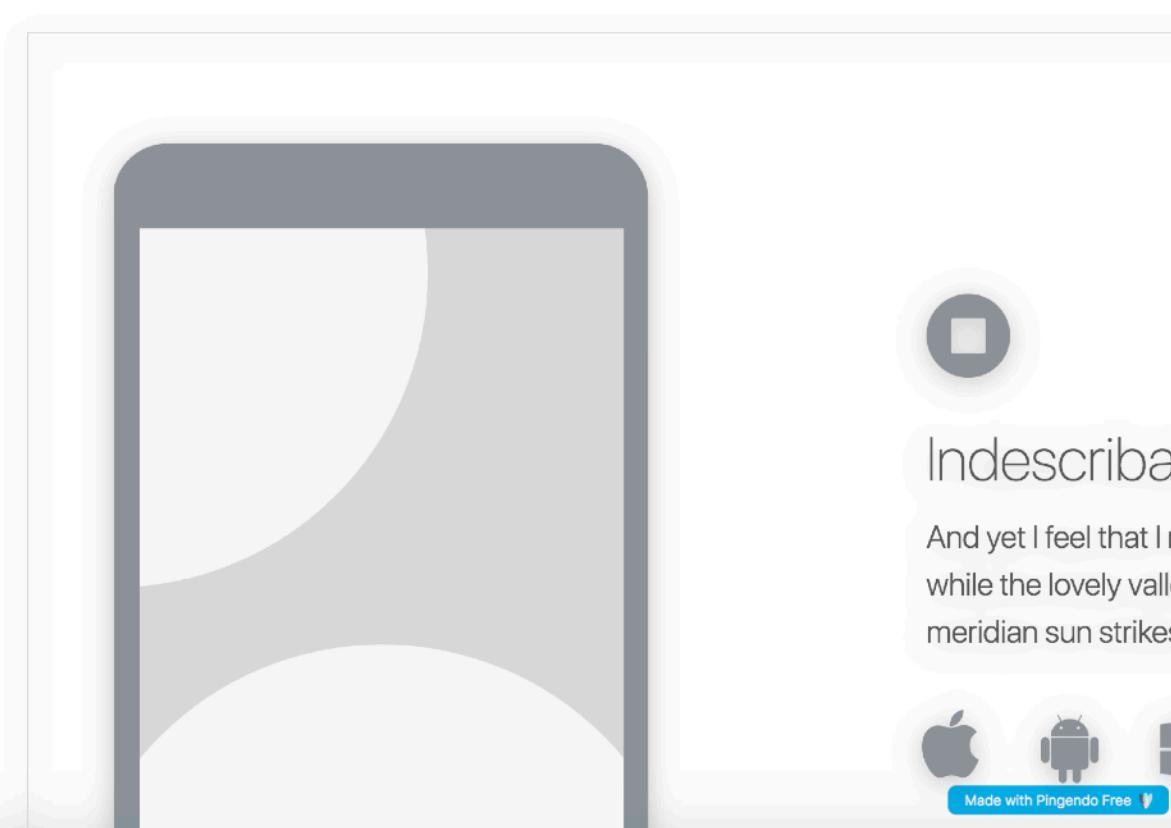
</> Code Projects

about.html \* contact.html x faq.html x pricing.html x product.html x services.html x features.html \* x

SELECTION

THEME

PAGE



BODY

SETTINGS

CSS

ID

Class

Colors

Spacing

Text

Size

Borders

Shadow

Flex

Behaviours



</> Code Projects

about.html \* contact.html x faq.html x pricing.html x product.html x services.html x features.html \*

BRAND Features Pricing Product

Services About FAQ Contact us

SELECTION

THEME

PAGE

BODY

NAVBAR

- BRAND
- NAV
- NAV
- BUTTON

SETTINGS

CSS

ID

navbar navbar-expand-

Class

navbar navbar-expand-

Fluid

Placement

Alignment

Colors

Background dark

Color light

Spacing

Text

Size

Borders

Shadow

Made with Pingendo Free

Close

The screenshot shows a web editor interface with a blue header bar containing various icons for file operations and previewing. Below the header is a toolbar with tabs for different pages: contact.html, pricing.html, services.html, about.html, faq.html, product.html, and features.html (which is currently active). The main workspace displays a navigation bar with a logo labeled 'BRAND', three menu items ('Features', 'Pricing', 'Product'), and a 'Contact us' button. A red box highlights the 'Features' menu item. To the right of the workspace is a sidebar with three tabs: 'SELECTION', 'THEME', and 'PAGE'. The 'SELECTION' tab is active, showing a hierarchical tree structure of page elements: 'BRAND', 'NAV', 'ITEM' (which is also highlighted with a red box), 'ITEM', 'ITEM', and 'NAV'. Below the tree are 'SETTINGS' and 'CSS' tabs. Under 'SETTINGS', the 'Class' field is set to 'nav-item'. The 'ITEM' node in the tree has its own settings panel with the following fields: 'Href' (set to 'features.html'), 'Target' (set to '-'), 'Decoration' (set to '-'), and 'State' (set to 'active'). The 'ITEM' node is also highlighted with a red box. At the bottom of the editor, there is a footer bar with the text 'Made with Pingendo Free'.

contact.html x pricing.html x services.html x about.html x faq.html x product.html x **features.html x**

BRAND Features Pricing Product Services About FAQ Contact us

+ **ITEM**

ITEM

ITEM

ITEM

NAV

SETTINGS CSS

ID

Class **nav-item**

Href **features.html**

Target -

Decoration -

State **active**

Made with Pingendo Free

The screenshot shows a web editor interface with a blue header bar containing various icons for file operations and previewing. Below the header is a toolbar with tabs for different pages: contact.html, pricing.html, services.html, about.html, faq.html, product.html, and features.html (which is currently active). The main workspace displays a navigation bar with a logo labeled 'BRAND', three menu items ('Features', 'Pricing', 'Product'), and a search bar. A red box highlights the 'Features' menu item. To the right of the workspace is a sidebar with three tabs: 'SELECTION', 'THEME', and 'PAGE'. The 'SELECTION' tab is active, showing a tree view of the page structure with nodes for 'BRAND', 'NAV', and three 'ITEM' nodes under 'NAV'. One of the 'ITEM' nodes is also highlighted with a red box. The 'THEME' tab contains settings for 'ID' and 'Class' (set to 'nav-item'). The 'PAGE' tab contains settings for 'Href' (set to 'features.html'), 'Target', 'Decoration', and 'State' (set to 'active'). At the bottom of the editor, there is a footer bar with the text 'Made with Pingendo Free'.

contact.html x pricing.html x services.html x about.html x faq.html x product.html x **features.html x**

BRAND Features Pricing Product

Services About FAQ Contact us

+

A

Image

Hand

Link

Text

JS

SELECTION THEME PAGE

ITEM

ITEM

ITEM

NAV

SETTINGS CSS

ID

Class nav-item

Href **features.html**

Target -

Decoration -

State active

Made with Pingendo Free

The screenshot shows a web editor interface with a blue header bar containing various icons for file operations and project management. Below the header is a toolbar with tabs for different pages: contact.html, pricing.html, services.html, about.html, faq.html, product.html, and features.html (which is currently active). The main workspace displays a navigation bar with a logo, three menu items ('Features', 'Pricing', 'Product'), and a 'Contact us' button. A red box highlights the 'Features' item. The right side of the interface features a 'SELECTION' panel showing a hierarchical tree of elements: NAV, ITEM, ITEM, ITEM, NAV, and BUTTON. The 'ITEM' under the first NAV is highlighted with a red box. Below the selection panel is a 'SETTINGS' tab, which is active, and a 'CSS' tab. The 'SETTINGS' tab contains fields for 'ID' (empty), 'Class' (nav-item), and 'Href' (set to 'pricing.html'). Other settings include 'Target' (empty), 'Decoration' (empty), and 'State' (empty). The 'CSS' tab is currently inactive. At the bottom of the editor, there is a footer bar with the text 'Made with Pingendo Free' and a small icon.

contact.html x pricing.html x services.html x about.html x faq.html x product.html x **features.html x**

BRAND Features Pricing Product Services About FAQ Contact us

+ A

ITEM

SETTINGS CSS

ID  
Class nav-item

Href **pricing.html**

Target -  
Decoration -  
State

Colors  
Spacing  
Text  
Size  
Borders  
Shadow  
Flex  
Behaviors

Made with Pingendo Free

The screenshot shows a web editor interface with a toolbar at the top, a sidebar on the left with various icons, and a main workspace on the right.

**Toolbar:** Includes icons for file operations (New, Open, Save, Undo, Redo), device previews (Mobile, Tablet, Desktop), search, and refresh.

**Page Header:** Shows multiple open pages: contact.html, pricing.html, services.html, about.html, faq.html, product.html, and features.html (the active page).

**Header Bar:** Features a logo "O BRAND", navigation links (Features, Pricing, Product), and a "Contact us" button.

**Sidebar:** Contains icons for Plus (+), Grid, A (Text), Image (img), Hand (pointer), Link (link), List (list), Person (user), and JS.

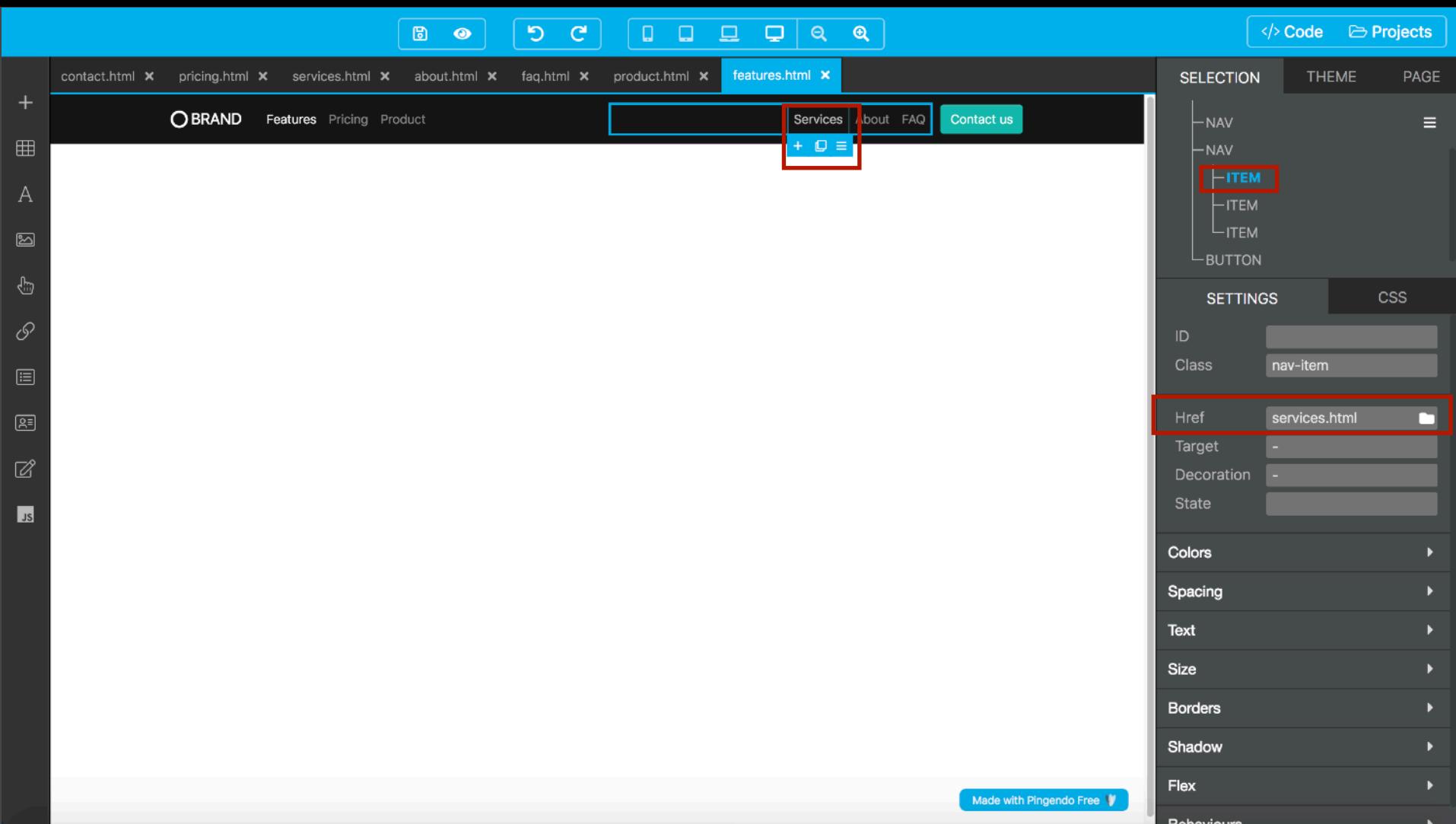
**Selection Panel:** Displays a tree structure of page elements: NAV, ITEM, ITEM, -ITEM (selected), NAV, and BUTTON.

**Settings Panel:** Shows settings for the selected element (-ITEM).

- ID:** (empty)
- Class:** nav-item
- Href:** product.html (highlighted with a red box)
- Target:** -
- Decoration:** -
- State:** (empty)

**Other Settings:** Colors, Spacing, Text, Size, Borders, Shadow, Flex, and Behaviour.

**Page Footer:** Made with Pingendo Free (with a small icon).



The screenshot shows a web editor interface with a dark theme. On the left, there's a toolbar with icons for file operations like New, Open, Save, Undo, Redo, and various selection tools. The main workspace displays a navigation bar from a page named "features.html". The navigation items are "Services", "About", "FAQ", and "Contact us". The "About" item is currently selected, highlighted with a red border. Below the navigation bar, there are three small blue buttons labeled "+", "□", and "≡".

The right side of the interface features a "SELECTION" panel with a tree view showing the structure of the selected element:

- NAV
- NAV
  - ITEM
  - ITEM
- BUTTON

Below the selection panel is a "SETTINGS" tab, which is active, and a "CSS" tab. Under the "SETTINGS" tab, the "Class" field is set to "nav-item". The "Href" field is highlighted with a red border and contains the value "about.html". Other settings include "Target" (set to "-"), "Decoration" (set to "-"), and "State".

At the bottom of the editor, there's a footer bar with the text "Made with Pingendo Free" and a small logo.

The screenshot shows a web editor interface with a toolbar at the top, a list of open files on the left, and a main workspace on the right.

**Toolbar:** Includes icons for file operations (New, Open, Save, Print, Copy, Paste, Find, Replace) and a search bar.

**File List:** Shows multiple files: contact.html, pricing.html, services.html, about.html, faq.html, product.html, and features.html (the active file).

**Main Workspace:** Displays a navigation bar with items: BRAND, Features, Pricing, Product, Services, About, FAQ, and Contact us. The "FAQ" and "Contact us" items are highlighted with a red border. Below the navigation bar is a content area with a large "A" icon.

**Selection Panel:** On the right, it shows a tree structure under the heading "SELECTION". It includes categories like NAV, ITEM, and BUTTON, with a specific "ITEM" node highlighted with a red border.

**Settings Panel:** This panel contains settings for the selected "ITEM".

Setting	Value
ID	
Class	nav-item
Href	faq.html
Target	-
Decoration	-
State	

**Other Settings:** The panel also includes sections for Colors, Spacing, Text, Size, Borders, Shadow, Flex, and Database.

**Bottom Bar:** Shows "Made with Pingendo Free" with a small logo.

# **Cover and Card**



</> Code Projects

# O my friend

Heaven and earth seem to dwell in my soul and absorb its power, like the form of a beloved mistress; then I often think with longing, Oh, would I could describe these conceptions, could impress upon paper all that is living.

Do something



## Indescribable forms

And yet I feel that I never was a greater artist than now. When, while the lovely valley teems with vapour around me, and the meridian sun strikes the upper surface.



## A wonderful serenity

Has taken possession of my entire soul, like these sweet mornings of spring which I enjoy with my whole heart.

Choose an option



Made with Pingendo Free

SELECTION THEME PAGE

### BODY

#### NAVBAR

### SETTINGS

### CSS

#### ID

#### Class

#### Colors

#### Spacing

#### Text

#### Size

#### Borders

#### Shadow

#### Flex

#### Behaviours

This screenshot shows a web design interface for creating responsive layouts. The left sidebar contains a navigation menu with categories like SECTIONS, GRID, TEXT, MEDIA, BUTTONS, NAVS, LISTS, CARDS, FORMS, and COMPONENTS. The GRID category is currently selected, indicated by a red border around its button.

The main workspace displays a preview of a website titled "features.html". The preview shows a header with "Services", "About", "FAQ", and a "Contact us" button. Below the header is a large blue section containing the text "bable forms". Underneath this text is a paragraph: "hat I never was a greater artist than now. When, /valley teems with vapour around me, and the trikes the upper surface." A small Windows logo is centered in this section. At the bottom right of the preview, there is a "Made with Pingendo Free" watermark.

The right sidebar is titled "SELECTION" and includes tabs for THEME and PAGE. It shows a hierarchical tree structure under the BODY section, with "NAVBAR" and "SECTION" expanded, and "CONTAINER" listed under SECTION. On the far right of the sidebar, there are sections for SETTINGS and CSS, with various styling options like ID, Class, Colors, Spacing, Margin, Padding, Text, Size, Borders, Shadow, Flex, and Behaviours.



</> Code Projects

about.html \* contact.html \* faq.html \* pricing.html \* product.html \* services.html \* features.html \*

BRAND Features Pricing Product

Services About FAQ Contact us



## Indescribable forms

And yet I feel that I never was a greater artist than now. When, while the lovely valley teems with vapour around me, and the meridian sun strikes the upper surface.



Column

Column

Column

Made with Pingendo Free

SELECTION

THEME

PAGE

SECTION  
CONTAINER  
ROW  
COLUMN  
COLUMN  
COLUMN

SETTINGS

CSS

ID

row

Class

Colors

Spacing

Text

Size

Borders

Shadow

Flex

Behaviours



</> Code Projects

+

SECTIONS

GRID

TEXT

MEDIA

BUTTONS

NAVS

LISTS

CARDS

FORMS

COMPONENTS

Featured

Special title treatment  
With supporting text below as a natural lead-in to additional content.

[Go somewhere](#)

2 days ago

Card title

Some quick example text to build on the card title and make up the bulk of the card's content.

[Go somewhere](#)

s.html \* features.html \*

Services About FAQ Contact us

## bable forms

hat I never was a greater artist than now. When,  
valley teems with vapour around me, and the  
strikes the upper surface.



Column

Made with Pingendo Free

SELECTION THEME PAGE

SECTION

CONTAINER

ROW

COLUMN

COLUMN

COLUMN

SETTINGS

CSS

ID

row

Class

row

Colors

Spacing

Text

Size

Borders

Shadow

Flex

Behaviours

FileSavePrintPreviewSearch

CodeProjects

[about.html](#) \* [contact.html](#) [faq.html](#) [pricing.html](#) [product.html](#) [services.html](#) [features.html](#) \*

[Services](#) [About](#) [FAQ](#) [Contact us](#)

[+](#)

The image shows a screenshot of the Pingendo web editor. The left sidebar contains icons for file operations, code, projects, and various design tools. The top navigation bar lists several files: 'about.html' (with a red asterisk), 'contact.html', 'faq.html', 'pricing.html', 'product.html', 'services.html', and 'features.html' (also with a red asterisk). The main content area displays a website layout with a header containing a logo and navigation links ('Services', 'About', 'FAQ', 'Contact us'). Below the header is a large image placeholder. To the right of the image is a section with the heading 'Indescribable forms' and a paragraph of text: 'And yet I feel that I never was a greater artist than now. When, while the lovely valley teems with vapour around me, and the meridian sun strikes the upper surface.' Below this text are icons for Apple, Android, and Windows. The bottom of the page features a footer with the text 'Column' repeated twice and a 'Made with Pingendo Free' button. The right side of the interface has a sidebar titled 'SELECTION' which shows a tree view of the page structure: BODY -> NAVBAR, SECTION -> CONTAINER, SECTION. Below this are tabs for 'SETTINGS' and 'CSS'. Under 'SETTINGS', there are fields for 'ID' and 'Class' (set to 'pt-5'). Under 'CSS', there are sections for 'Colors', 'Spacing' (Margin and Padding both set to 'pt-5'), 'Text', 'Size', 'Borders', 'Shadow', 'Flex', and 'Behaviours'. A small watermark 'Made with Pingendo Free' is visible at the bottom right of the editor's preview area.

Code

Projects

about.html x

contact.html x

faq.html x

pricing.html x

product.html x

services.html x

features.html \* x

+

A

A

Image

Hand

Link

Table

Code

JS

Row

Column

Card

Image

Card Body

Column

Selection

Theme

Page

# Indescribable forms

And yet I feel that I never was a greater artist than now. When, while the lovely valley teems with vapour around me, and the meridian sun strikes the upper surface.



Card title

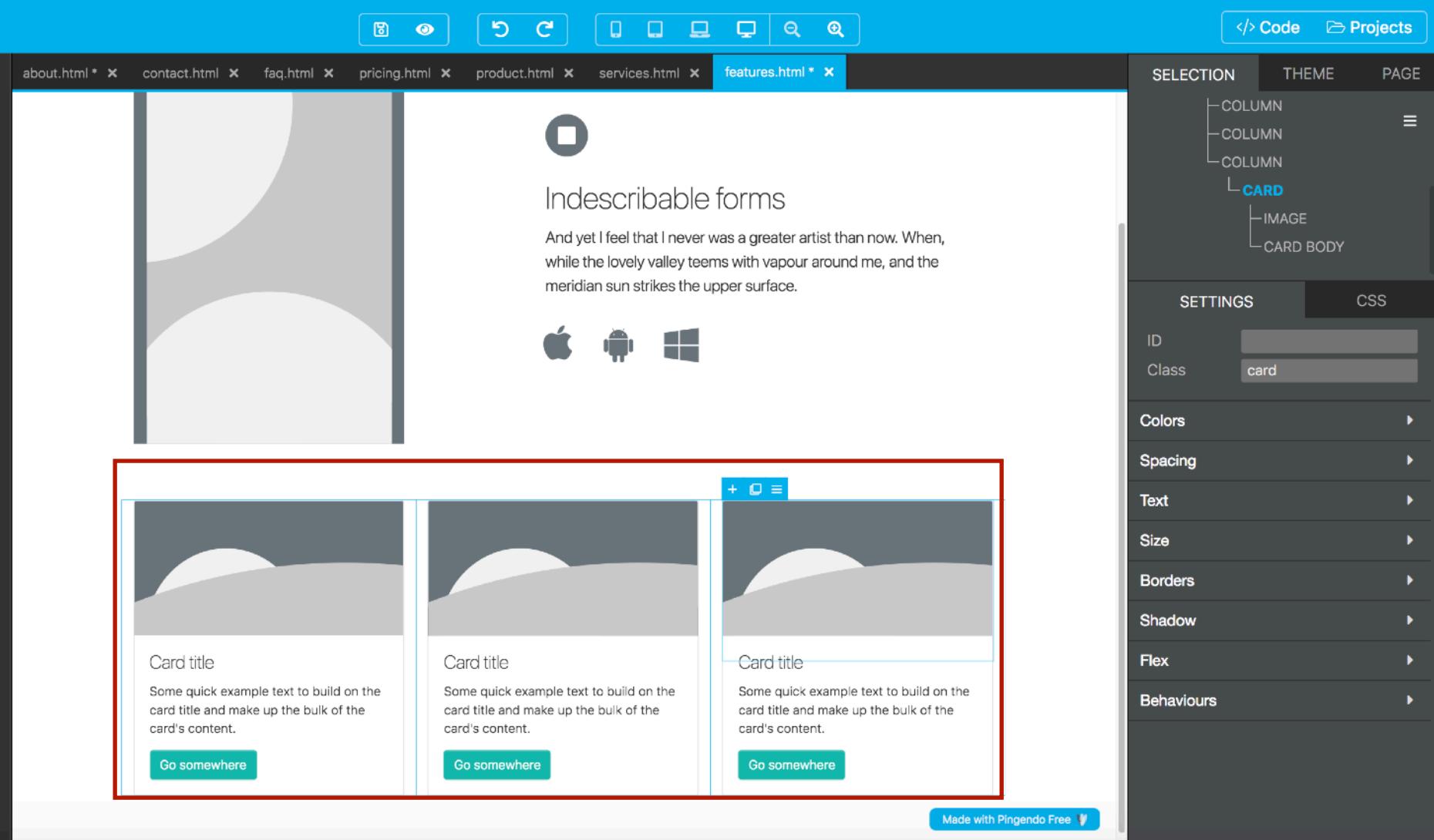
Some quick example text to build on the card title and make up the bulk of the card's content.

[Go somewhere](#)

Column

Column

Made with Pingendo Free



⊕ ↻ ↶ ↷ 📱 💻 🖥 🔍 🔍

[pricing.html](#) [product.html](#) [services.html](#) [about.html](#) [faq.html](#) [wire\\_frame.html](#) [contact.html](#) [features.html](#)

[Contact us](#)

SELECTION THEME PAGE

BODY

- NAVBAR
- SECTION
- SECTION

SETTINGS CSS

inline  
Add a class name



## Indescribable forms

And yet I feel that I never was a greater artist than now. When, while the lovely valley teems with vapour around me, and the meridian sun strikes the upper surface.



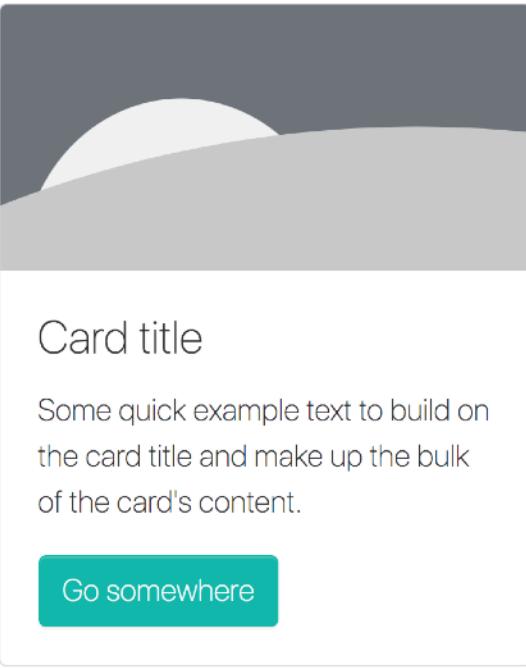
Made with Pingendo Free 



## Indescribable forms

And yet I feel that I never was a greater artist than now. When, while the lovely valley teems with vapour around me, and the meridian sun strikes the upper surface.

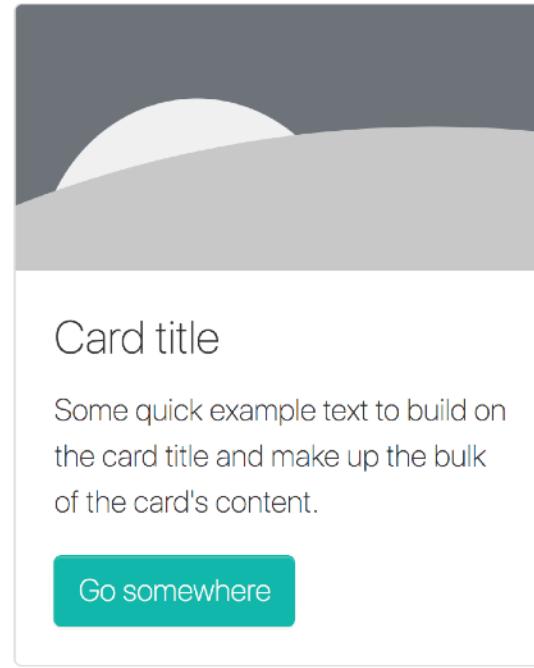




## Card title

Some quick example text to build on the card title and make up the bulk of the card's content.

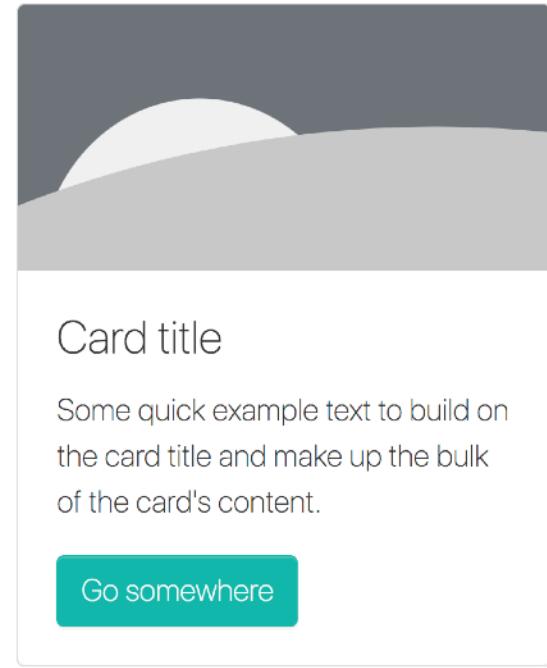
[Go somewhere](#)



## Card title

Some quick example text to build on the card title and make up the bulk of the card's content.

[Go somewhere](#)



## Card title

Some quick example text to build on the card title and make up the bulk of the card's content.

[Go somewhere](#)

# **Deleting and Resizing Images**



</> Code Projects

- + NAVBARS
- COVERS
- ARTICLES
- ACTIONS
- FEATURES**
- GALLERIES
- TESTIMONIALS
- TEAMS
- PRICING
- FORMS
- FOOTERS
- GRID
- A TEXT
- MEDIA
- BUTTONS
- NAVS

## A wonderful serenity

- #1 A wonderful serenity has taken possession of my entire soul.
- #2 I am alone, and feel the charm of existence in this spot.
- #3 I should be incapable of drawing a single stroke.
- #4 I throw myself down among the tall grass by the trickling stream.
- #5 I lie close to the earth, a thousand unknown plants.
- #6 When I hear the buzz of the little world among the stalks.

## O my friend

- #1 A wonderful serenity has taken possession of my entire soul.
- #2 I am alone, and feel the charm of existence in this spot.
- #3 I should be incapable of drawing a single stroke.
- #4 I throw myself down among the tall grass by the trickling stream.
- #5 I lie close to the earth, a thousand unknown plants.
- #6 When I hear the buzz of the little world among the stalks.
- #7 I feel the presence of the Almighty, who formed us in his own image.
- #8 Oh, would I could describe these conceptions.

One

Two

Three

services.html \*

Services About FAQ Contact us

#3 I should be incapable of drawing a single stroke.

#6 When I hear the buzz of the little world among the stalks.

ODY

Made with Pingendo Free

SELECTION THEME PAGE

BODY

NAVBAR

SECTION

CONTAINER

SETTINGS CSS

ID

Class py-5

Colors

Spacing

Margin

Padding py-5

Text

Size

Borders

Shadow

Flex

Behaviours



</> Code Projects

about.html \* contact.html x faq.html x pricing.html x product.html x services.html x features.html \* x

BRAND Features Pricing Product

Services About FAQ

Contact us

## Our Most Sorted After Products



#1

A wonderful serenity has taken possession of my entire soul.



#2

I am alone, and feel the charm of existence in this spot.



#3

I should be incapable of drawing a single stroke.



#4

I throw myself down among the tall grass by the trickling stream.



#5

I lie close to the earth, a thousand unknown plants.



#6

When I hear the buzz of the little world among the stalks.

SELECTION THEME PAGE

COLUMN  
COLUMN  
**COLUMN**  
└ ROW  
COLUMN  
COLUMN

SETTINGS CSS

ID  
Class col-lg-4 col-md-6 p-4

Size xs  
Size sm  
Size md 6  
Size lg 4

Colors

Spacing  
Margin  
Padding p-4

Text

Size

Borders

Shadow

Made with Pingendo Free

NAVBAR

COVERS

ARTICLES

ACTIONS

FEATURES

GALLERIES

TESTIMONIALS

**TEAMS**

PRICING

FORMS

FOOTERS

GRID

TEXT

MEDIA

BUTTONS

NAVS

Our team

J. W. Goethe  
CEO and founder

G. W. John  
Co-founder

J. G. Wolf  
Evangelist

Services About FAQ Contact us

SELECTION

THEME

PAGE

NAVBAR

- BRAND
- NAV
- NAV
- BUTTON

SETTINGS

CSS

ID

Class

navbar navbar-expand-

Fluid

Placement

Alignment

Colors

Background dark

Color light

Spacing

Text

Size

Borders

Shadow

Flex

Meet the team

Johann  
CEO and founder  
*"I throw myself down among the tall grass by the trickling stream"*

Gregory  
Co-founder  
*"As I lie close to the earth, a thousand unknown plants"*

James  
CFO  
*"Then, my friend, when darkness overpreads my eyes"*

Amadeus  
CTO  
*"Heaven and earth seem to dwell in my soul"*

Our team

J. W. Goethe  
CEO and founder  
*"I throw myself down among the tall grass by the trickling stream, and, as I lie close to the earth, a thousand unknown plants."*

G. W. John  
Co-founder  
*"Then, my friend, when darkness overpreads my eyes, and heaven and earth seem to dwindle in my soul."*

J. G. Wolf  
Evangelist  
*"I should be incapable of drawing a single stroke at the present moment, and yet I feel that power within me."*

A. Gang  
CTO  
*"Artist then now: When, while the lovely valley tempts with vapour around me, and the maddening sun entices"*

Made with Pingendo Free



</> Code Projects

features.html X about.html \* X contact.html \* X faq.html X pricing.html X product.html X services.html \* X

O BRAND

Features Pricing Product

Services About FAQ Contact us

SELECTION

THEME

PAGE

BODY

NAVBAR  
SECTION



## Meet the team



Johann

CEO and founder

*"I throw myself down among  
the tall grass by the  
trickling"*



Gregory

Co-founder

*"As I lie close to the earth, a  
thousand unknown plants"*



James

CFO

*"Then, my friend, when  
darkness overspreads my  
eyes"*



Amadeus

CTO

*"Heaven and earth seem to  
dwell in my soul"*

SETTINGS

CSS

inline

Add a class name

Backgrounds



Box shadows



Text shadows



Sizes



Transform



Border



Made with Pingendo Free

FileEditViewInsertFormatToolsHelp

SavePrintPreviewFindReplaceSearchFind NextFind Previous

CodeProjects

[features.html](#) [about.html](#) [contact.html](#) [faq.html](#) [pricing.html](#) [product.html](#) [services.html \\*](#)

**O BRAND** Features Pricing Product Services About FAQ Contact us

## Meet the team

 <p>Johann CEO and founder <i>"I throw myself down among the tall grass by the trickling"</i></p>	 <p>Gregory Co-founder <i>"As I lie close to the earth, a thousand unknown plants"</i></p>	 <p>James CFO <i>"Then, my friend, when darkness overspreads my eyes"</i></p>	 <p>Amadeus CTO <i>"Heaven and earth seem to dwell in my soul"</i></p>
--	---	--	---

**SECTION**

Made with Pingendo Free

**SELECTION** **THEME** **PAGE**

**ROW**

- COLUMN
  - IMAGE
  - HEADING
  - PARAGRAPH
  - PARAGRAPH

**SETTINGS** **CSS**

ID

Class

img-fluid d-block mb-3

URL

images/team01.jpg

Width

100

Height

Align

center

Style

circle

Fluid

yes

Colors

Spacing

Margin

mx-auto mb-3



features.html ✘ about.html \* ✘ contact.html \* ✘ faq.html ✘ pricing.html ✘ product.html ✘ services.html ✘

Code Projects

BRAND Features Pricing Product Services About FAQ Contact us

## Meet the team

 <p>Johann CEO and founder <i>"I throw myself down among the tall grass by the trickling"</i></p>	 <p>Gregory Co-founder <i>"As I lie close to the earth, a thousand unknown plants"</i></p>	 <p>James CFO <i>"Then, my friend, when darkness overspreads my eyes"</i></p>	 <p>Amadeus CTO <i>"Heaven and earth seem to dwell in my soul"</i></p>
--	---	--	---

Add child ▶

- Add child ▶
- Clone
- Delete**
- Move up
- Move down
- James
- CFO
- "Then, my friend, when darkness overspreads my eyes"*

SETTINGS CSS

inline Add a class name

Backgrounds +

Box shadows +

Text shadows +

Sizes ▶

Transform ▶

Border ▶

Made with Pingendo Free

FileEditViewInsertFormatToolsHelp

BackForwardSearchFindReplacePrintPrint Preview

CodeProjects

[features.html](#) [about.html](#) \* [contact.html](#) \* [faq.html](#) [pricing.html](#) [product.html](#) [services.html](#) \*

[Services](#) [About](#) [FAQ](#) [Contact us](#)

## Meet the team



Johann  
CEO and founder  
*"I throw myself down among the tall grass by the trickling"*



Gregory  
Co-founder  
*"As I lie close to the earth, a thousand unknown plants"*



Amadeus  
CTO  
*"Heaven and earth seem to dwell in my soul!"*

SELECTION THEME PAGE

COLUMN COLUMN COLUMN

IMAGE HEADING PARAGRAPH

SETTINGS CSS

inline

Add a class name

Backgrounds

Box shadows

Text shadows

Sizes

Transform

Border

FileSavePrintPreviewSearchHelp

CodeProjects

[features.html](#) [about.html](#) \* [contact.html](#) \* [faq.html](#) [pricing.html](#) [product.html](#) [services.html](#) \*

**BRAND** Features Pricing Product Services About FAQ Contact us

Meet the team



Johann  
CEO and founder  
*"I throw myself down among the tall grass by the trickling"*



Gregory  
Co-founder  
*"As I lie close to the earth, a thousand unknown plants"*



Amadeus  
CTO  
*"Heaven and earth seem to dwell in my soul!"*

Made with Pingendo Free

SELECTION

- COLUMN
- COLUMN
- IMAGE**
- HEADING
- PARAGRAPH
- PARAGRAPH

SETTINGS

ID

Class

img-fluid d-block mb-3

URL

images/team04.jpg

Width

200

Height

Align

center

Style

circle

Fluid

yes

Colors

Spacing

Margin

mx-auto mb-3

⊕ + A ≡ JS

File Code Projects

features.html about.html contact.html faq.html pricing.html product.html services.html \*

Selection Theme Page

BODY

- NAVBAR
- SECTION

SETTINGS CSS

ID

Class

Colors

Spacing

Text

Size

Borders

Shadow

Flex

Behaviours

# BRAND

Features Pricing Product

Services About FAQ Contact us

## Meet the team



Johann  
CEO and founder  
*"I throw myself down among the tall grass by the trickling"*



Gregory  
Co-founder  
*"As I lie close to the earth, a thousand unknown plants"*



Amadeus  
CTO  
*"Heaven and earth seem to dwell in my soul!"*

Made with Pingendo Free

## Meet the team

**Johann**

CEO and founder

**Gregory**

Co-founder

**Amadeus**

CTO

*"I throw myself down among the**"As I lie close to the earth, a**"Heaven and earth seem to dwell*

# **Background Image**



</ Code Projects

+ NAVBARS

COVERS

ARTICLES

ACTIONS

FEATURES

GALLERIES

TESTIMONIALS

TEAMS

PRICING

FORMS

FOOTERS

GRID

A TEXT

IMAGE

BUTTONS

NAVS

I enjoy with my whole heart

Yet I feel that I never was a greater artist than now. When, whilst the lovely valley teems with vapour around me, and the meridian sun strikes.

Your email  **Subscribe**

We'll never share your mail with anyone.



Then, my friend

I throw myself down among the tall grass by the trickling stream; and, as I lie close to the earth, a thousand unknown plants are noticed by me.

Your email  **Subscribe**

I am so happy

A wonderful serenity has taken possession of my entire soul, like these sweet mornings of spring which I enjoy with my whole heart. I am alone.

Your email  **Subscribe**

O my friend

A wonderful serenity has taken possession of my entire soul, like these sweet mornings of spring which I enjoy with my whole heart.

Your email  Password  Confirm identity **Submit**

Made with Pingendo Free

SELECTION

THEME

PAGE

**BODY**

SETTINGS

CSS

ID

Class

Colors

Spacing

Text

Size

Borders

Shadow

Flex

Behaviours



FileSavePrintPreviewSearch

CodeProjects

[features.html](#) [about.html](#) \* [contact.html](#) \* [faq.html](#) [pricing.html](#) [product.html](#) [services.html](#)

I am so happy

A wonderful serenity has taken possession of my entire soul, like these sweet mornings of spring which I enjoy with my whole heart.

I am alone.

Your email  Subscribe

# Heaven and earth

Seem to dwell in my soul and absorb its power, like the form of a beloved mistress, then I often think with longing, Oh, would I could describe these conceptions.

Reserve a spot

Name

Time

People

Made with Pingendo Free

SELECTION

BODY

NAVBAR

SECTION

CONTAINER

SECTION

SETTINGS

inline

Add a class name

Backgrounds

Image

URL

Position right bottom

Size cover

Repeat repeat

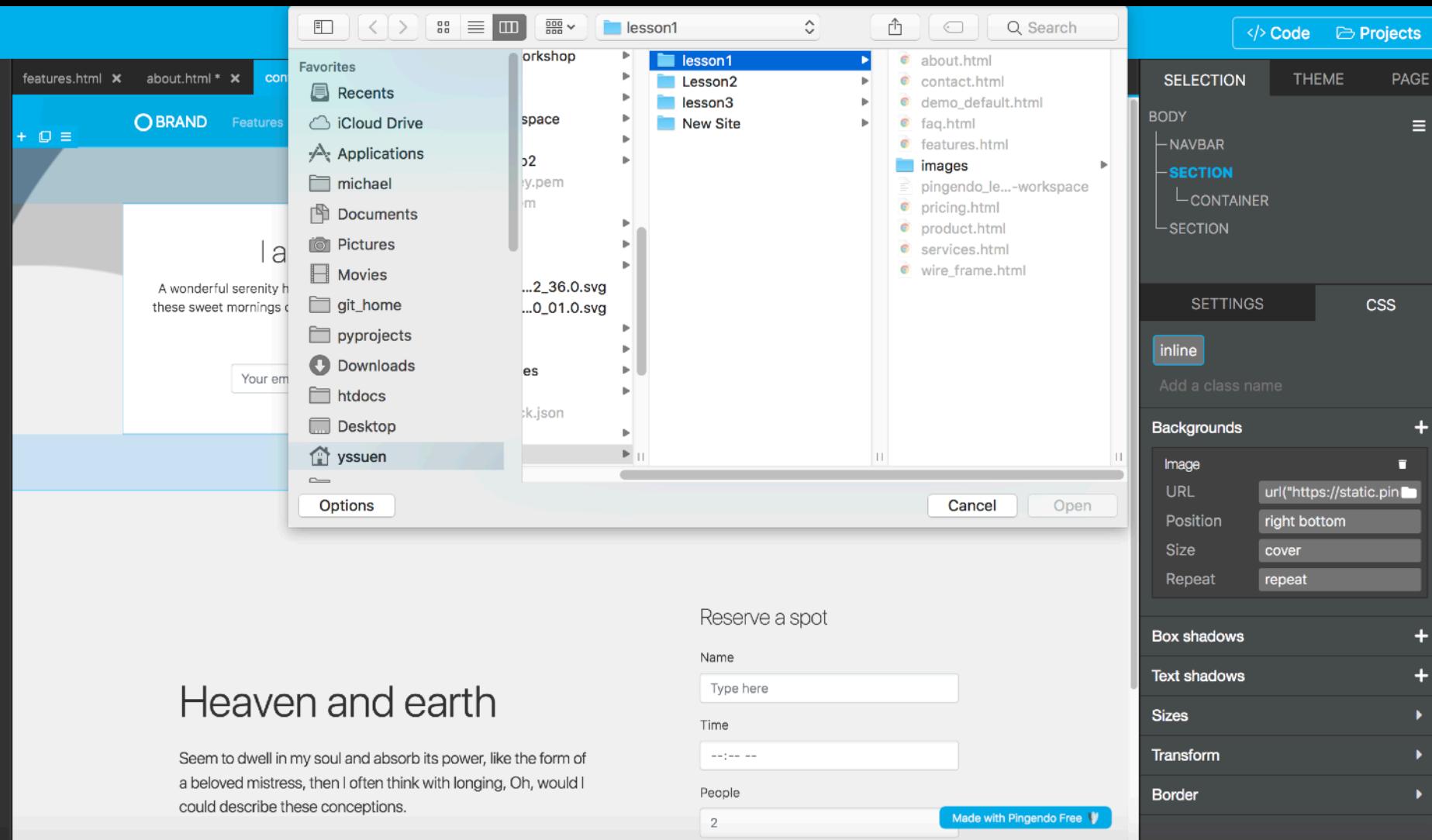
Box shadows

Text shadows

Sizes

Transform

Border



The screenshot shows a web page editor with a blue header bar containing various icons and tabs for navigating between files. The main workspace displays a contact form over a background image of a colorful abstract painting. The contact form includes a logo labeled 'BRAND', a navigation menu with 'Services', 'About', 'FAQ', and a green 'Contact us' button, and a text area with a quote and a subscribe form. The right side of the screen features a sidebar with sections for 'SELECTION', 'THEME', and 'PAGE'. Under 'SELECTION', there's a tree view for the 'BODY' section, specifically for the 'NAVBAR' which includes 'BRAND', 'NAV', and 'NAV' under 'NAV', and a 'BUTTON' node. The 'SETTINGS' tab is active, showing options for 'inline' styling and a 'Backgrounds' panel where an image URL is specified. Other panels include 'Box shadows', 'Text shadows', 'Sizes', 'Transform', and 'Border'.

features.html × pricing.html × product.html × services.html × about.html × faq.html × wire\_frame.html × contact.html \*

BRAND Features Pricing Product Services About FAQ Contact us

I am so happy

A wonderful serenity has taken possession of my entire soul, like these sweet mornings of spring which I enjoy with my whole heart. I am alone.

Your email  Subscribe

Heaven and earth

Reserve a spot

Name  Type here

Time  --:-- --

People  2 Made with Pingendo Free

SELECTION THEME PAGE

BODY

NAVBAR

BRAND

NAV

NAV

BUTTON

SETTINGS CSS

inline

Add a class name

Backgrounds

Image URL  url(<https://pingendo.com>)

Position

Size

Repeat

Box shadows

Text shadows

Sizes

Transform

Border

⊕ ⊖ ↶ ↷ 📱 💻 💻 🔍 🔍

</> Code Projects

features.html × pricing.html × product.html × services.html × about.html × faq.html × wire\_frame.html × contact.html ×

The screenshot shows a web development environment with a top navigation bar containing file tabs: features.html, pricing.html, product.html, services.html, about.html, faq.html, wire\_frame.html, and contact.html. Below the tabs is a toolbar with icons for back, forward, search, and refresh. On the left, there's a vertical toolbar with icons for plus, grid, text, image, link, and JS. The main area has a header with 'O BRAND' and a navigation menu with 'Features', 'Pricing', 'Product', 'Services', 'About', 'FAQ', and a green 'Contact us' button. The background of the preview shows a colorful, abstract painting of stacked boxes. A central modal window contains the text 'I am so happy' and a paragraph about serenity. It also has a form with 'Your email' and 'Subscribe' buttons. In the bottom right corner of the preview, there's a 'Reserve a spot' form with fields for Name, Time, and People, and a note 'Made with Pingendo Free'. The right side of the interface features a dark sidebar with sections for 'SELECTION', 'THEME', and 'PAGE'. Under 'SELECTION', it shows a tree view: BODY -> NAVBAR, BODY -> SECTION, SECTION -> CONTAINER. Under 'SETTINGS', there are sections for 'inline' (with 'Add a class name'), 'Backgrounds', 'Box shadows', 'Text shadows', 'Sizes', 'Transform', and 'Border'. The 'CSS' tab is also visible.

SELECTION

THEME

PAGE

BODY

NAVBAR

SECTION

SECTION

CONTAINER

SETTINGS

CSS

inline

Add a class name

Backgrounds

Box shadows

Text shadows

Sizes

Transform

Border

I am so happy

A wonderful serenity has taken possession of my entire soul, like these sweet mornings of spring which I enjoy with my whole heart. I am alone.

Your email

Subscribe

Heaven and earth

Seem to dwell in my soul and absorb its power, like the form of a beloved mistress, then I often think with longing, Oh, would I could describe these conceptions.

Reserve a spot

Name

Type here

Time

--:-- --

People

2

Made with Pingendo Free

# I am so happy

A wonderful serenity has taken possession of my entire soul, like these sweet mornings of spring which I enjoy with my whole heart. I am alone.

 Your emailSubscribe

# **Icons Search**

The screenshot shows a web design interface with a blue header bar containing various icons for file operations like save, undo, redo, and search. Below the header is a navigation bar with links: 'pricing.html' (active), 'product.html', 'services.html', 'about.html', 'faq.html', 'contact.html' (highlighted with a red asterisk), and 'features.html'. On the right of the header are buttons for 'Code' and 'Projects'.

The main content area displays a landing page titled 'Our plans' featuring three pricing plans:

- Hobby**: \$0 / month. Includes a placeholder icon with a red border and the text: "I should be incapable of drawing a single stroke at the present moment." Below it are three items: "One", "Two", and "Three", followed by a green 'Start' button.
- Startup**: \$9 / month. Includes a placeholder icon with a red border and the text: "I throw myself down among the tall grass by the trickling stream." Below it are three items: "Four", "Five", and "Six", followed by a green 'Download' button.
- Business**: \$22 / month. Includes a placeholder icon with a red border and the text: "I hear the buzz of the little world among the stalks, and grow familiar." Below it are three items: "Seven", "Eight", and "Nine", followed by a green 'Let's Go' button.

At the bottom right of the page is a small footer note: "Made with Pingendo Free".

The right side of the interface features a dark sidebar with several sections:

- SELECTION** (highlighted)
- THEME**
- PAGE**
- BODY**
  - NAVBAR
  - SECTION
- SETTINGS** (highlighted)
- CSS**
- ID**
- Class**
- Colors**
- Spacing**
- Text**
- Size**
- Borders**
- Shadow**
- Flex**
- Behaviours**

Code Projects

pricing.html product.html services.html about.html faq.html contact.html features.html

BRAND Features Pricing Product Services About FAQ Contact us

## Our plans

**Hobby**  
\$0 / month

I should be incapable of drawing a single stroke at the present moment.

One  
Two  
Three

**Startup**  
\$9 / month

I throw myself down among the tall grass by the trickling stream.

Four  
Five  
Six

**Business**  
\$22 / month

I hear the buzz of the little world among the stalks, and grow familiar.

Seven  
Eight  
Nine

**Start** **Download** **Let's Go**

Made with Pingendo Free

SELECTION THEME PAGE

HEADER CARD BODY ICON PARAGRAPH LIST BUTTON

SETTINGS CSS

ID

Class d-block fa fa-stop-circle

Icon fa-stop-circle

Size 3x

Fixed Width

Pull

Display block

Lead

Break

Colors

Background

Text muted

Spacing

Margin mb-2

 Search icons



## 41 New Icons in 4.7

 address-book	 address-book-o	 address-card	 address-card-o
 bandcamp	 bath	 bathtub (alias)	 drivers-license (alias)
 drivers-license-o (alias)	 eercast	 envelope-open	 envelope-open-o
 etsy	 free-code-camp	 grav	 handshake-o
 id-badge	 id-card	 id-card-o	 imdb
 linode	 meetup	 microchip	 podcast
 quora	 ravelry	 s15 (alias)	 shower
 snowflake-o	 superpowers	 telegram	 thermometer (alias)
 thermometer-0 (alias)	 thermometer-1 (alias)	 thermometer-2 (alias)	 thermometer-3 (alias)
 thermometer-4 (alias)	 thermometer-empty	 thermometer-full	 thermometer-half
 thermometer-quarter	 thermometer-three-quarters	 times-rectangle (alias)	 times-rectangle-o (alias)
 user-circle	 user-circle-o	 user-o	 vcard (alias)
 vcard-o (alias)	 window-close	 window-close-o	 window-maximize
 window-minimize	 window-restore	 wpexplorer	

Font Awesome 4 is so 2017. Upgrade to version 5 and get twice the icons.

Get the Latest 



Home

What's New

Get Started

Icons ▾

Examples ▾

Accessibility

Community

License

Blog



**fa-line-chart**

 · Unicode: f201 · Created: v4.2 · Categories: Web Application Icons, Chart Icons

After you get up and running, you can place Font Awesome icons just about anywhere with the `<i>` tag:



Code Projects

pricing.html \* X product.html X services.html X about.html X faq.html X contact.html \* X features.html X

BRAND Features Pricing Product Services About FAQ Contact us

## Our plans

**SECTION**

**Hobby**  
\$0 / month



I should be incapable of drawing a single stroke at the present moment.

One  
Two  
Three

**Start**

**Startup**  
\$9 / month



I throw myself down among the tall grass by the trickling stream.

Four  
Five  
Six

**Download**

**Business**  
\$22 / month



I hear the buzz of the little world among the stalks, and grow familiar.

Seven  
Eight  
Nine

**Let's Go**

Made with Pingendo Free

SELECTION THEME PAGE

HEADER CARD BODY

ICON PARAGRAPH LIST BUTTON

SETTINGS CSS

ID

Class d-block fa mb-2 text-

Icon fa-line-chart

Size 3x

Fixed Width

Pull

Display block

Lead

Break

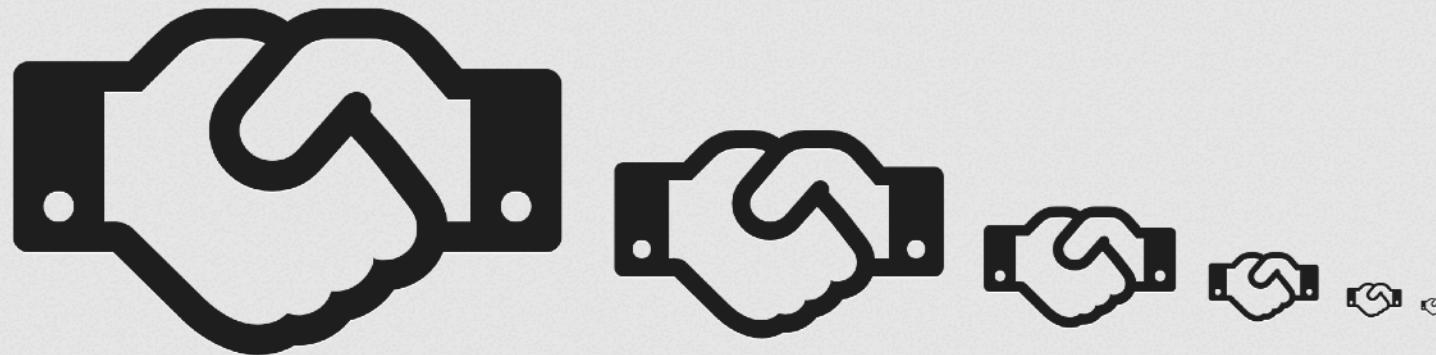
Colors

Background

Text muted

Spacing

Margin mb-2



## fa-handshake-o



· Unicode: f2b5 · Created: v4.7 · Categories: Web Application Icons

After you get up and running, you can place Font Awesome icons just about anywhere with the `<i>` tag:

```
fa-handshake-o
```



Get your crypto app  
at [blockset.com](#)

⊕ ○ ↶ ↷ 📱 ⌚ 💻 📺 🔍 🔍

</> Code Projects

pricing.html \* x product.html x services.html x about.html x faq.html x contact.html \* x features.html x

BRAND Features Pricing Product Services About FAQ Contact us

## Our plans

**Hobby**  
**\$0 / month**



I should be incapable of drawing a single stroke at the present moment.

One  
Two  
Three

**Start**

**Startup**  
**\$9 / month**



I throw myself down among the tall grass by the trickling stream.

Four  
Five  
Six

**Download**

**Business**  
**\$22 / month**



I hear the buzz of the little world among the stalks, and grow familiar.

Seven  
Eight  
Nine

**Let's Go**

Made with Pingendo Free 🎉

SELECTION THEME PAGE

HEADER  
CARD BODY

ICON  
PARAGRAPH  
LIST  
BUTTON

SETTINGS CSS

ID

Class

Icon

Size

Fixed Width

Pull

Display

Lead

Break

d-block fa mb-2 text-

fa-handshake-o

3x

Colors

Background

Text

Spacing

Margin

muted

mb-2

Font Awesome 4 is so 2017. Upgrade to version 5 and get twice the icons.

[Get the Latest !\[\]\(7f114da54f6713a69070026b242ac2c7\_img.jpg\)](#)



[Home](#)

[What's New](#)

[Get Started](#)

[Icons !\[\]\(f41290ba3c74fd1f671beb96bc3c5be0\_img.jpg\)](#)

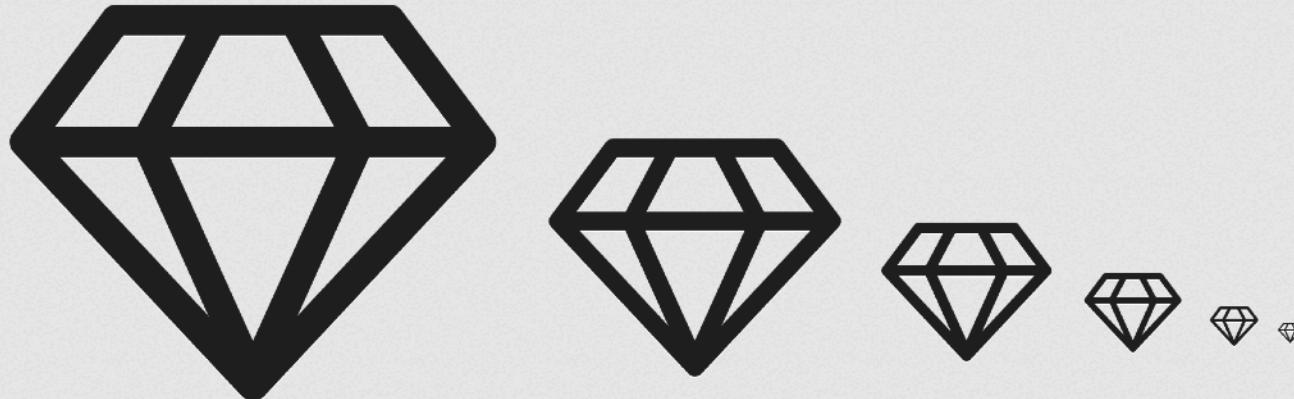
[Examples !\[\]\(d9d1cd6af42d0ed3aa5f79efcdc36903\_img.jpg\)](#)

[Accessibility](#)

[Community](#)

[License](#)

[Blog](#)



[fa-diamond](#)

 · Unicode: f219 · Created: v4.3 · Categories: Web Application Icons

After you get [up and running](#), you can place Font Awesome icons just about anywhere with the `<i>` tag:



B E ⌛ ⌚ 📱 📲 📢 🔍 🔍

Code Projects

pricing.html \* X product.html X services.html X about.html X faq.html X contact.html \* X features.html X

BRAND Features Pricing Product Services About FAQ Contact us

## Our plans

**Hobby**  
\$0 / month



I should be incapable of drawing a single stroke at the present moment.

One  
Two  
Three

**Start**

**Startup**  
\$9 / month



I throw myself down among the tall grass by the trickling stream.

Four  
Five  
Six

**Download**

**Business**  
\$22 / month



I hear the buzz of the little world among the stalks, and grow familiar.

Seven  
Eight  
Nine

**Let's Go**

Made with Pingendo Free

SELECTION THEME PAGE

HEADER CARD BODY

ICON PARAGRAPH LIST BUTTON

SETTINGS CSS

ID

Class d-block fa mb-2 text-

Icon

Size 3x

Fixed Width

Pull

Display block

Lead

Break

Colors

Background

Text muted

Spacing

Margin mb-2

## Our plans

Hobby

\$0 / month



I should be incapable of drawing a single stroke at the present moment.

Startup

\$9 / month



I throw myself down among the tall grass by the trickling stream.

Business

\$22 / month



I hear the buzz of the little world among the stalks, and grow faint.

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# **Media blocks and Carousel Slides**

**Source MP3 and MP4**



</> Code Projects

SELECTION

THEME

PAGE

BODY

NAVBAR

SECTION

CONTAINER

SECTION

SETTINGS

CSS

ID

py-5 text-white

Class

py-5 text-white

Colors

Background

white

Text

white

Spacing

Margin

py-5

Padding

Text

Size

Borders

Shadow

Flex

Behaviours

Seem to dwell in my soul and absorb its power, like the form of a beloved mistress; then I often think with longing, Oh, would I could describe these conceptions.

...  
People  
2

Reserve a Table

s.html X

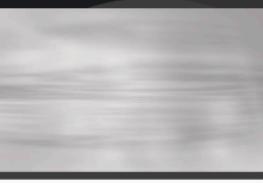
Services About FAQ Contact us

# valley

and the meridian sun strikes  
the upper surface of the impenetrable foliage of my trees, and  
but a few stray gleams steal into the inner sanctuary, I throw  
myself down among the tall grass by the trickling stream; and,  
as I lie close to the earth,

## The lovely valley

Teems with vapour around me, and the meridian sun strikes  
the upper surface of the impenetrable foliage of my trees, and  
but a few stray gleams steal into the inner sanctuary, I throw  
myself down among the tall grass by the trickling stream; and,  
as I lie close to the earth,



## O my friend

Heaven and earth seem to dwell in my soul and absorb its power, like the form of a beloved mistress; then I often think with longing, Oh, would I could describe these conceptions, could impress upon paper all that is living.

Do something

Made with Pingendo Free

+

NAVBAR

COVERS

ARTICLES

ACTIONS

FEATURES

GALLERIES

TESTIMONIALS

TEAMS

PRICING

FORMS

FOOTERS

GRID

A

MEDIA

BUTTONS

NAVS



</> Code Projects

features.html ✘ about.html ✘ contact.html ✘ faq.html ✘ pricing.html ✘ product.html ✘ services.html ✘

SELECTION

THEME

PAGE



+ D =

## The lovely valley

Teems with vapour around me, and the meridian sun strikes  
the upper surface of the impenetrable foliage of my trees, and  
but a few stray gleams steal into the inner sanctuary, I throw  
myself down among the tall grass by the trickling stream; and,  
as I lie close to the earth.



SECTION

SETTINGS

CSS

ID

embed-responsive

Class

embed-responsive

Aspect ratio 4:3

Source

https://static.pingendo.com/vid.mp4

Controls

yes

Width

Height

Colors

Spacing

Text

Size

Borders

Shadow

Flex

Made with Pingendo Free

features.html about.html \* contact.html faq.html pricing.html product.html services.html

Code Projects

Carousel with controls

The lovely valley

Teems with vapour around me, and the meridian sun strikes the upper surface of the impenetrable foliage of my trees, and but a few stray gleams steal into the inner sanctuary, I throw myself down among the tall grass by the trickling stream; and, as I lie close to the earth.

Source: <https://static.pingendo.com/video-placeholder.mp4>

Made with Pingendo Free

SELECTION

ROW

COLUMN

RESPONSIVE VIDEO

HTML PLAYER

COLUMN

SECTION

SETTINGS

CSS

ID

Class: embed-responsive

Aspect ratio: 4:3

Source: <https://static.pingendo.com/video-placeholder.mp4>

Controls: yes

Width:

Height:

Colors

Spacing

Text

Size

Borders

**Source streaming video (e.g. Vimeo and YouTube)**

Code Projects

art.html services.html

Placeholder Video

vimeo VIDEOS FOR GOOD

lovely valley

pour around me, and the meridian sun strikes  
ice of the impenetrable foliage of my trees, and  
gleams steal into the inner sanctuary, I throw  
mong the tall grass by the trickling stream; and,  
the earth.

CTION

Made with Pingendo Free

SELECTION THEME PAGE

BODY

- NAVBAR
- SECTION
- CONTAINER
- SECTION

SETTINGS CSS

ID

Class py-5 text-white

Colors

Background

Text white

Spacing

Margin

Padding py-5

Text

Size

Borders

Shadow

Flex

Behaviours



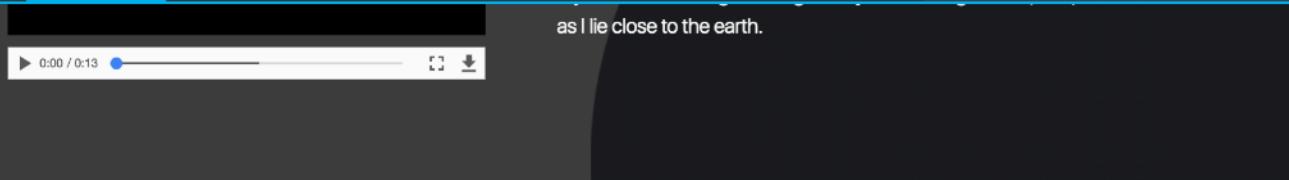
</> Code Projects

features.html ✘ about.html ✘ contact.html ✘ faq.html ✘ pricing.html ✘ product.html ✘ services.html ✘

SELECTION

THEME

PAGE



as I lie close to the earth.



vimeo

VIDEOS FOR GOOD

Made with Pingendo Free

SECTION

CONTAINER

ROW

COLUMN

DIV

IFRAME

SETTINGS

CSS

ID

[REDACTED]

Class

embed-responsive-item

Source

<https://player.vimeo.com>

Autoplay

[REDACTED]

Width

[REDACTED]

Height

[REDACTED]

Colors



Spacing



Text



Size



Borders



Shadow



Flex



Behavior [REDACTED]

Code Projects

features.html X about.html \* X contact.html X faq.html X pricing.html X product.html X services.html X

as I lie close to the earth.

SELECTION THEME PAGE

SECTION

CONTAINER

ROW

COLUMN

DIV

IFRAME

SETTINGS CSS

ID

Class embed-responsive-item

Source https://player.vimeo.com/video/239823487?title=0&byline=0&portrait=1

Autoplay

Width

Height

Colors

Spacing

Text

Size

Borders

Shadow

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https://www.youtube.com/watch?v=zfZadurY6c0

Most Visited Getting Started Design Thinking & ... 思潮 AVANT-GARDE... Create Interactive c... hkdc\_dt\_event phot...

YouTube HK

Search

WELOVE  
Battery Piano

세상 가운데 소망을 (WELOVE)  
COVER  
BATTERY PIANO

0:04 / 3:48:11 • 1..세상 가운데 소망을 >

#배터리피아노 #좋은컨디션을위한노래 #ConditionMusic

Good condition 3 hours piano BGM | 좋은 컨디션을 위한 3시간 피아노BGM | 일상, 회사, 업무, 창작 | (중간광고없음)

178,838 views • Oct 14, 2020

3.2K 26 SHARE SAVE

Mix - Good condition 3 hours piano BGM | 좋은 컨디션을 위한...  
YouTube

Cafe Music - Jazz Hiphop & Smooth Music - Relaxing Music For Work, Stud...  
Cafe MUSIC BGM channel

4:07:46

위로와 회복을 위한 잔잔한 피아노 BGM | CCM모음 | 목상, 기도, QT,...  
BATTERY PIANO 배터리피아노

2:33:46

Relaxing Bossa Nova & Jazz Music For Study - Smooth Jaz...  
Cafe Music BGM channel

4:01:18

Code Projects

features.html ✘ about.html \* ✘ contact.html ✘ faq.html ✘ pricing.html ✘ product.html ✘ services.html ✘

as I lie close to the earth.

0:00 / 0:13

+ A A

Good condition 3 hours piano BGM | 좋은 컨디션을 위한 3시간 피아노BGM | 일상, 회사, 업무, 창작 | (중간광고없음)

稍後觀看 分享

work

7 COLLECTION  
COVER BY  
BATTERY PIANO

CCM 피아노모음7  
COVER BY  
Battery Piano

Autoplay

Width

Height

Made with Pingendo Free

Selection

Section

Container

Row

Column

Div

Iframe

Settings

ID

Class

embed-responsive-item

Source

<https://www.youtube.com/embed/zfZadurY6c0>

Colors

Spacing

Text

Size

Borders

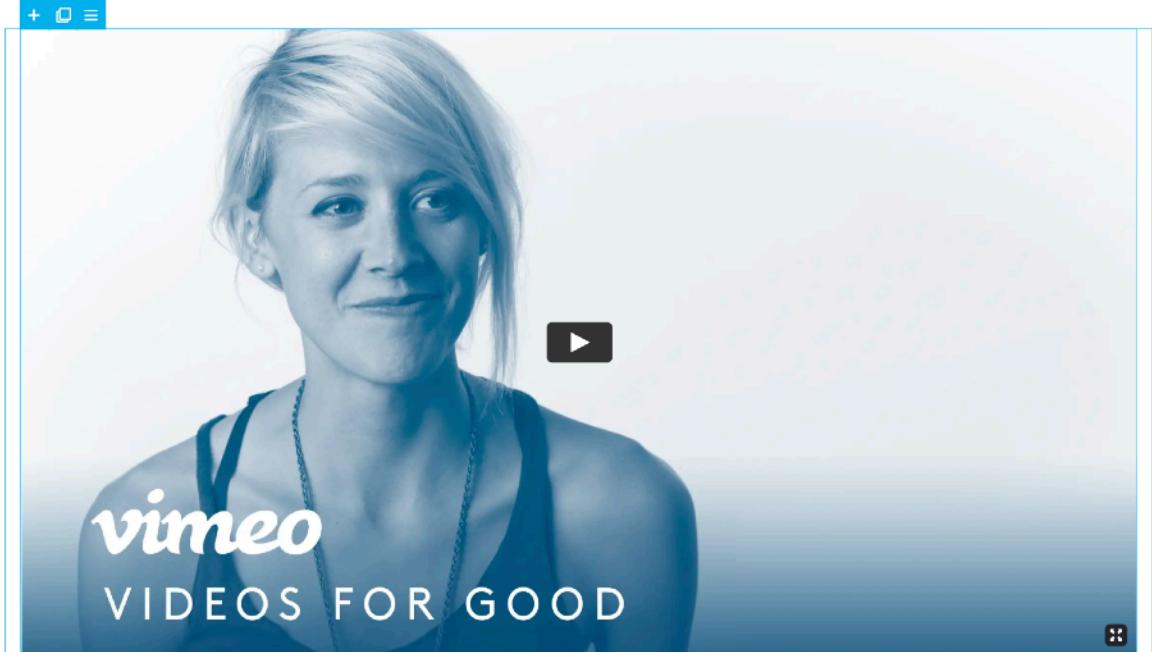
Shadow

Code Projects

features.html X about.html \* X contact.html X faq.html X pricing.html X product.html X services.html X

as I lie close to the earth.

0:00 / 0:13

+ A  

Made with Pingendo Free

SELECTION THEME PAGE

SECTION

CONTAINER

ROW

COLUMN

DIV

IFRAME

SETTINGS CSS

ID

Class **embed-responsive-item**

Source **<https://player.vimeo.com/video/239823487?title=0&byline=0&portrait=1>**

Autoplay

Width

Height

Colors

Spacing

Text

Size

Borders

Shadow

**Adding Airtable form with **iframe**.**

A screenshot of a digital form interface. The top navigation bar includes icons for back, forward, refresh, and search, followed by 'Form' and three dots. A red box highlights the 'Share form' button. To its right is the 'Open form' button. Below the navigation is a search bar with the placeholder 'Find a view'. Underneath are two view selection buttons: 'Grid view' (unchecked) and 'Form' (checked, highlighted with a red box), which has a checked mark next to it. A vertical line separates the left sidebar from the main form area. The main area contains three input fields: 'Name' with an empty text box, 'Student ID' with an empty text box, and 'Notes' with an empty text box.

Form

Share form

Open form

Find a view

Grid view

Form

Name

Student ID

Notes

 Share form

 Open form

## This form is shared via a private link

People with the private link can only see the empty form. The title of this page is the view name, "Form".

<https://airtable.com/shrz8JiRP6u5B0qAA>



 Upgrade to restrict by password or email domain 

 [Embed this form on your site](#)

 [Disable shared view link](#)

Notes

[Embed view](#)[Embed code](#)

# Form

## Autosize height

Automatically adjust height to fit the form's content

```
<iframe class="airtable-embed"
src="https://airtable.com/embed/shrz8JiRP6u5B0qAA?
backgroundColor=yellow" frameborder="0"
onmousewheel="" width="100%" height="533"
style="background: transparent; border: 1px solid
#ccc;"></iframe>
```

[Desktop embed preview](#)[Mobile embed preview](#) Form Form

# Form

Name

Student ID

Notes

Attachments

Made with Pingendo Free 

# Form

Name

Bernard Suen

Student ID

111232323

Notes

Testing

Attachments

A screenshot of a database application interface showing a grid view of student records. The interface includes a toolbar with various icons and buttons at the top, followed by a header row with field names. A single record is visible in the grid.

	Name	Student ID	Notes	Attachments	Lesson 2	Lesson 3	
1	Bernard Suen	111232323	Testing				

The "Name" column is highlighted with a red border. The "Notes" column contains the value "Testing".

Code Projects

features.html X about.html X contact.html X faq.html X pricing.html X product.html X services.html X

as I lie close to the earth.

0:00 / 0:13

+ A S A JS

SELECTION THEME PAGE

SECTION

CONTAINER

ROW

COLUMN

DIV

IFRAME

SETTINGS CSS

ID

Class embed-responsive-item

Source https://player.vimeo.com/video/239823487?title=0&byline=0&portrait=0

Autoplay

Width

Height

Colors

Spacing

Text

Size

Borders

Shadow

Made with Pingendo Free



</> Code

Projects

contact.html \*

BRAND Features Pricing Product

Services About FAQ Contact us

SELECTION

THEME

PAGE

SECTION  
CONTAINER  
ROW



Form

Name

Student ID

Notes

Attachments



Replace embedded video  
iframe codes with Airtable  
embedded form sharing  
codes.

Code

HTML

```
29      href="faq.html">FAQ</a> </li>
30  </ul> <a class="btn btn-primary navbar-btn ml-md-2"
31    href="contact.html">Contact us</a>
32  </div>
33  </div>
34  </nav>
35  <div class="py-5">
36    <div class="container">
37      <div class="row">
38        <div class="col-md-12">
39          <div class="embed-responsive embed-responsive-16by9" >
40            <iframe class="airtable-embed"
41              src="https://airtable.com/embed/shrz8JiRP6u5B0qAA?backgroundColor=yellow"
42              frameborder="0" onmousewheel="" width="100%" height="533"
43              style="background: transparent; border: 1px solid #ccc;"></iframe>
```

SASS



</> Code Projects

contact.html \*

BRAND

Features Pricing Product

Services About FAQ

Contact us

Form

Name

Student ID

Notes

Attachments

Airtable

SELECTION

THEME

PAGE

SECTION

CONTAINER

ROW

COLUMN

DIV

IFRAME

SETTINGS

CSS

ID

Class

airtable-embed

Source

<https://airtable.com/emb>

Autoplay

Width

100%

Height

533

Colors



Spacing



Text



Size



The new Airtable  
embedded codes will  
appear in the source box.

# **Slideshow effects with Carousel**

Code Projects

sections grid text media buttons navs lists cards forms components

selection theme page

NAVBAR

BRAND

NAV

NAV

BUTTON

SETTINGS CSS

ID

Class

Fluid

Placement

Alignment

Colors

Background

Color

Spacing

Text

Size

Borders

Shadow

Elev

Services About FAQ Contact us

# lovely valley

pour around me, and the meridian sun strikes  
ice of the impenetrable foliage of my trees, and  
gleams steal into the inner sanctuary, I throw  
mong the tall grass by the trickling stream; and,  
the earth.

Carousel with controls

Carousel with indicators

New York  
New York, USA  
View larger map

Made with Pingendo Free

Code Projects

features.html ✘ about.html \* ✘ contact.html ✘ faq.html ✘ pricing.html ✘ product.html ✘ services.html ✘

BRAND Features Pricing Product Services About FAQ Contact us

Carousel with controls

The lovely valley Made with Pingendo Free

SELECTION THEME PAGE

CAROUSEL

- ACTIVE SLIDE
- IMAGE
- CAPTIONS
- SLIDE
- SLIDE

SETTINGS CSS

ID

Class d-block img-fluid w-100

URL https://static.pingendo.com/

width Height Align Style Fluid yes

Colors Spacing

Made with Pingendo Free

FileSavePreviewPrintHelp

BackForwardMobileLaptopTabletSearchFind

CodeProjects

[features.html](#) [about.html \\*](#) [contact.html](#) [faq.html](#) [pricing.html](#) [product.html](#) [services.html](#)

BRAND Features Pricing Product Services About FAQ Contact us

Carousel with controls

CAROUSEL

- ACTIVE SLIDE
- IMAGE
- CAPTIONS
- SLIDE
- SLIDE

SETTINGS CSS

ID

Class d-block w-100 img-fluid

URL images/books-

Width

Height

Align

Style

Fluid yes

Colors

Spacing

Made with Pingendo Free



</> Code Projects

features.html x about.html \* x

contact.html x faq.html x

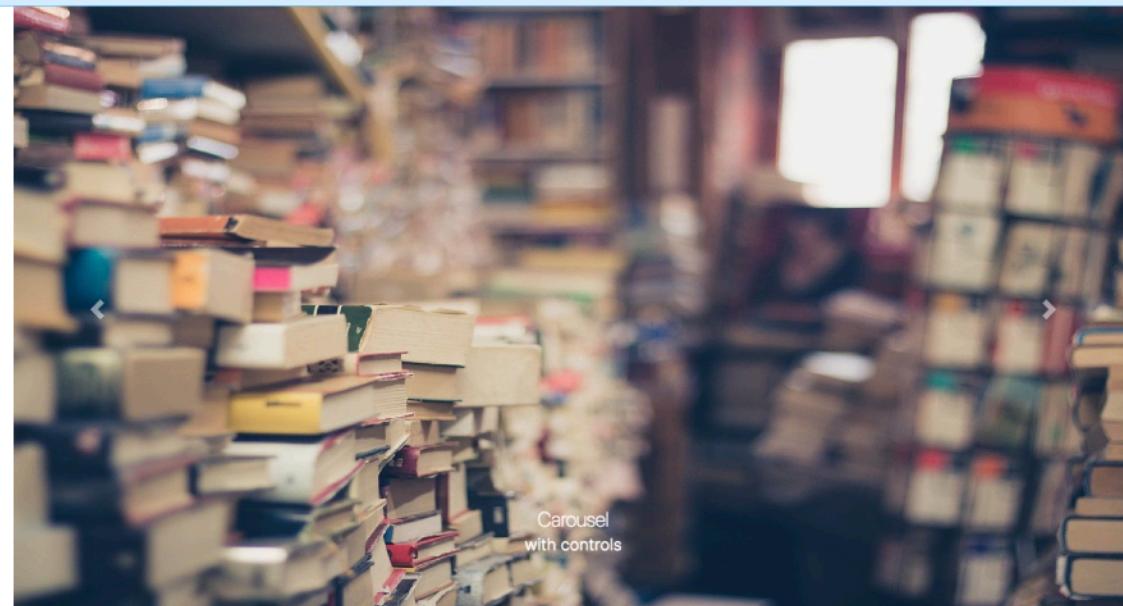
pricing.html x product.html x

services.html x

BRAND

Features Pricing Product

Services About FAQ Contact us



SELECTION

THEME

PAGE

BODY

— NAVBAR  
— SECTION  
  └ CONTAINER  
— SECTION  
— SECTION

SETTINGS

CSS

ID

py-5

Class

Colors

Background

- primary
- secondary
- light
- dark
- info
- success
- warning
- danger

Text

Margin

Padding

Text

Size

Borders

Shadow

Flex

Behaviours

Made with Pingendo Free

CodeProjects

features.htmlabout.html \*contact.htmlfaq.htmlpricing.htmlproduct.htmlservices.html

BRANDFeaturesPricingProductServicesAboutFAQContact us

Carousel  
with controls

Made with Pingendo Free

SELECTION

BODY

- NAVBAR
- SECTION
- CONTAINER
- SECTION
- SECTION

SETTINGS

ID

Class

py-5 bg-dark

Colors

Background

dark

Text

Spacing

Margin

Padding

py-5

Text

Size

Borders

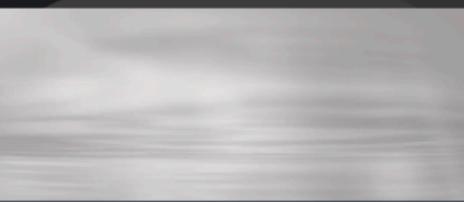
Shadow



features.html ✘ about.html \* ✘ contact.html ✘ faq.html ✘ pricing.html ✘ product.html ✘ services.html ✘

BRAND Features Pricing Product

Services About FAQ Contact us



## The lovely valley

Teems with vapour around me, and the meridian sun strikes  
the upper surface of the impenetrable foliage of my trees, a

Made with Pingendo Free

SELECTION THEME PAGE

BODY  
└ NAVBAR  
  SECTION  
    CONTAINER  
  SECTION  
  SECTION

SETTINGS CSS

ID  
Class py-0 bg-dark

Colors  
Background dark  
Text  
Spacing  
Margin  
Padding py-0  
Text  
Size  
Borders  
Shadow

features.html ✘ about.html \* ✘ contact.html ✘ faq.html ✘ pricing.html ✘ product.html ✘ services.html ✘

SELECTION THEME PAGE

BRAND Features Pricing Product

Code

HTML

```
31     </div>
32 </nav>
33 <div class="py-0 bg-dark">
34   <div class="container">
35     <div class="row">
36       <div class="col-md-12" style="">
37         <div class="carousel slide" data-ride="carousel" id="carousel">
38           <div class="carousel-inner">
39             <div class="carousel-item active"> 
40               <div class="carousel-caption">
41                 <h3 class="m-0">Carousel</h3>
42                 <p>with controls</p>
43               </div>
44             <div class="carousel-item"> 
45               <div class="carousel-caption">
46                 <h5 class="m-0">Carousel</h5>
47                 <p>with controls</p>
48               </div>
49             </div>
50           </div>
51         </div>
52       </div>
53     </div>
54   </div>
55 </div>
```

SASS

```
.carousel-item.active {background-color: #fff; color: #fff;}
```

JSEL

TIVE SLIDE

IMAGE

CAPTIONS

DE

DE

CSS

ck w-100 img-fluid

es/books-

1163695\_1280.jpg

Style

Fluid yes

Colors

Spacing

Made with Pingendo Free

The screenshot displays a web development interface with a live preview window and a code editor.

**Live Preview:**

- Header: BRAND, Features, Pricing, Product
- Image: A blurred background image of many books.
- Text Overlay: "Carousel with controls".
- Bottom Content: "The lovely valley" and a quote by Keats.
- Footer: "Made with Pingendo Free" with a link icon.

**Code Editor:**

**HTML:**

```
50      </div>
51      </div>
52      <div class="carousel-item"> 
53          <div class="carousel-caption">
54              <h5 class="m-0">Carousel</h5>
55              <p>with controls</p>
56          </div>
57      </div>
58      </div> <a class="carousel-control-prev" href="#carousel"
role="button" data-slide="prev" > <span class="carousel-control-prev-icon">
</span> <span class="sr-only">Previous</span> </a> <a class="carousel-
control-next" href="#carousel" role="button" data-slide="next"> <span
class="carousel-control-next-icon"></span> <span class="sr-only">Next</span>
</a>
59          </div>
60      </div>
61      </div>
62  </div>
63 </div>
64 <div class="py-5 text-white" style="background-image: linear-gradient(to
```

**SASS:**

```
bottom, rgba(0, 0, 0, .75), rgba(0, 0, 0, .75)),
```

**Right Sidebar:**

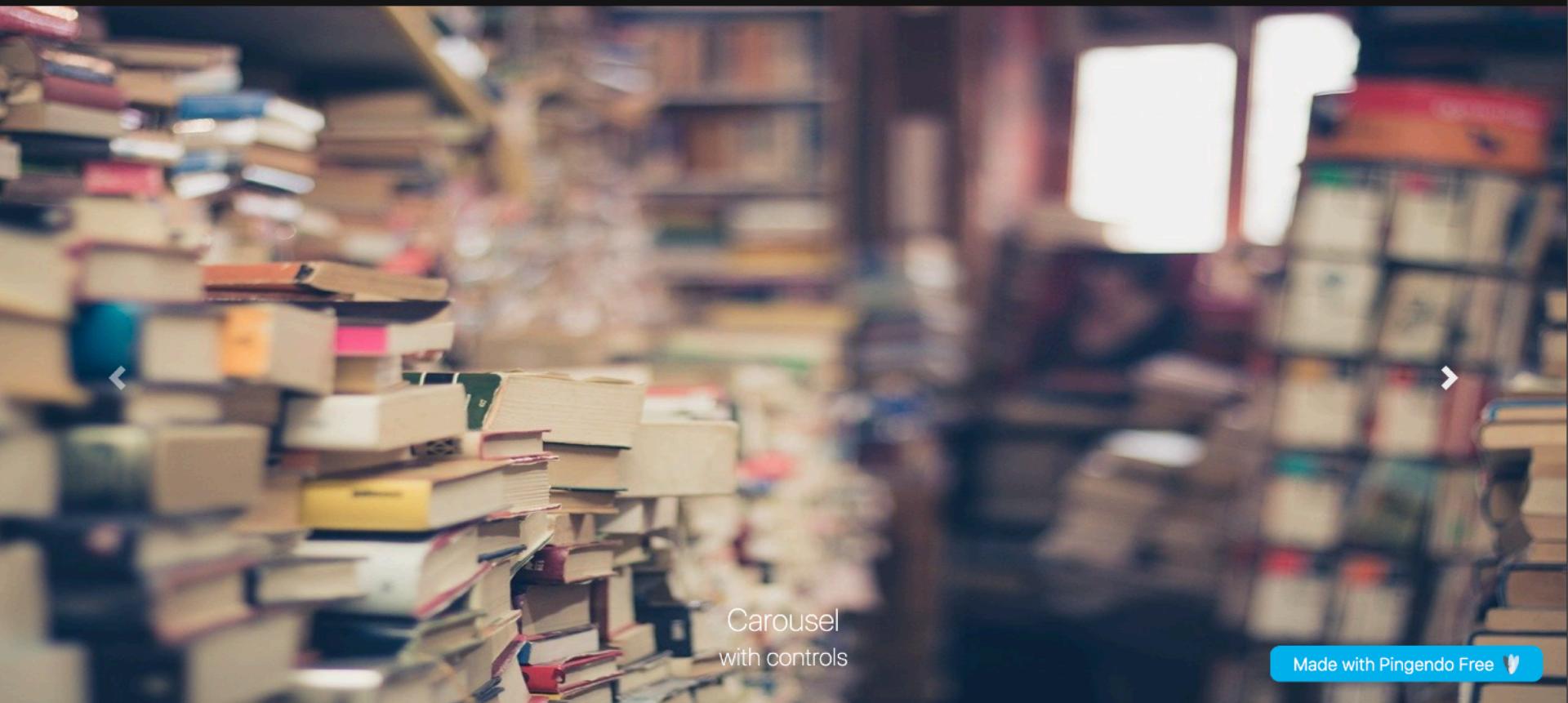
- Size
- Borders
- Shadow
- Flex
- Behaviours



Features Pricing Product

Services About FAQ

Contact us



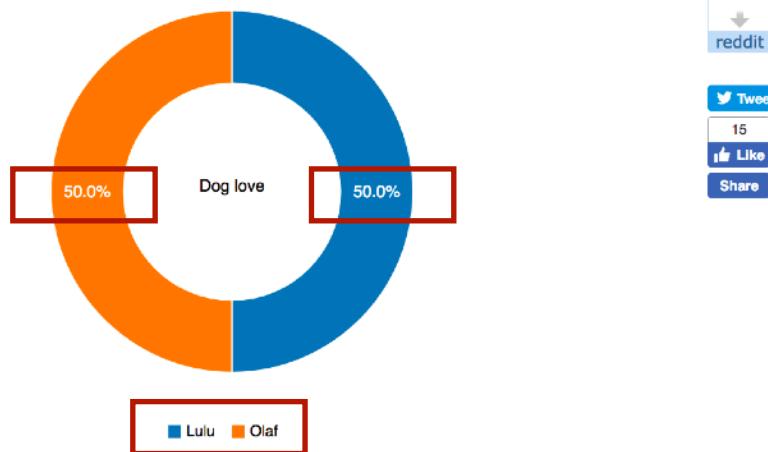
# **C3 and Airtable Integration in GetJSON**

# Jocellyn's Blog

## Simple charts with C3 - in 5 minutes!

This article aims to explain how to use a cool library called [C3](#) for building simple charts. C3 is a javascript library which builds on top of [famous D3](#). You can find plenty of good sources (online or printed) on how to learn D3 and make complex visualizations with it, but for many people, these would be too advanced. Often you just need to add a [simple graph to a webpage](#) to show some statistics - a scatter plot or a bar chart.

C3 allows you to do just that without knowing all the complexity of D3 because it wraps all you need into a simple API. You do not need to handle the SVG elements manually, nor the hover effects, etc. The final result could look like this:



<http://jocellyn.cz/2014/07/25/simple-charts-with-c3.html>

```
<div id="chart"></div>
```

```
var chart = c3.generate({  
    data: {  
        columns: [ [ 'Lulu', 50 ], [ 'Olaf', 50 ] ],  
        type : 'donut'  
    },  
    donut: {  
        title: "Dogs love:",  
    }  
});
```

## C3 is an object of objects

Some objects have array based value pairs (e.g. **columns** as key to array of array)

# # Chart

## Line Chart

Line chart with sequential data.

[View details »](#)

## Simple XY Line Chart

Simple line chart with custom x.

[View details »](#)

## Step Chart

Display as Step Chart.

[View details »](#)

## Bar Chart

Display as Bar Chart

[View details »](#)

## Timeseries Chart

Simple line chart with timeseries data.

[View details »](#)

## Multiple XY Line Chart

Multiple line chart with multiple custom x.

[View details »](#)

## Area Chart

Display as Area Chart.

[View details »](#)

## Stacked Bar Chart

Display as Stacked Bar Chart.

[View details »](#)

## Spline Chart

Display as Spline Chart.

[View details »](#)

## Line Chart with Regions

Set regions for each data with style.

[View details »](#)

## Stacked Area Chart

Display as Stacked Area Chart.

[View details »](#)

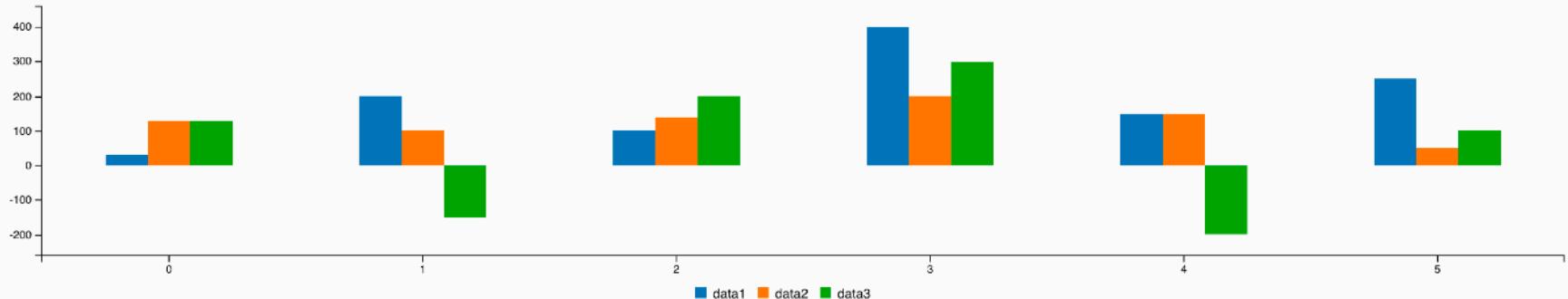
## Scatter Plot

Display as Scatter Plot.

[View details »](#)

<https://c3js.org/examples.html#chart>

## Bar Chart



```
# chart_bar.js
```

```
var chart = c3.generate({
  data: {
    columns: [
      ['data1', 30, 200, 100, 400, 150, 250],
      ['data2', 130, 100, 140, 200, 150, 50]
    ],
    type: 'bar'
  },
  bar: {
    width: {
      ratio: 0.5 // this makes bar width 50% of length between ticks
    }
  }
})
```

[https://c3js.org/samples/chart\\_bar.html](https://c3js.org/samples/chart_bar.html)

Using jQuery getJSON and Airtable API for fun!

Airtable is a wonderful spreadsheet-like database with many useful features for data modeling and basic analytics. When used with other data visualization libraries, it can be a great tool for rapid prototyping

Show Table	Show Total	Clear Tables
Show 10 entries	Search:	
Product	Total Amount	
computer	8	
radio	6	
tablet	3	
tv	9	

Showing 1 to 4 of 4 entries

Previous 1 Next

[https://ybsuen.github.io/com5961/assignment09/test\\_getjson.html](https://ybsuen.github.io/com5961/assignment09/test_getjson.html)

```
$("button#get_data2").click(function() {  
    var items = [];  
    var i = 0;      Airtable API endpoint  
    var airtable_read_endpoint = "https://api.airtable.com/v0/appKIU0zkdHt3AVTL/base id/Roll-up?api_key=keycj6dRwXwYLEjiv";  
    var dataSet = [];  
    $.getJSON(airtable_read_endpoint, function(result) {  
        $.each(result.records, function(key,value) {  
            items = [];  
            items.push(value.fields['Name']);  
            items.push(value.fields['Total Items by Category']);  
            dataSet.push(items);  
            console.log(items);  
        }); // end .each  
        console.log(dataSet);  
  
        table2 = $('#table2').DataTable({  
            data: dataSet,  
            retrieve: true,  
            columns: [  
                { title: "Product",  
                  defaultContent:""},  
                { title: "Total Amount",  
                  defaultContent:"" },  
            ]  
        } );  
    }); // end .getJSON  
}); // end button
```

**table**

**API key**

**JQuery**

**getJSON**

**API request sent to Airtable**

**table fields**

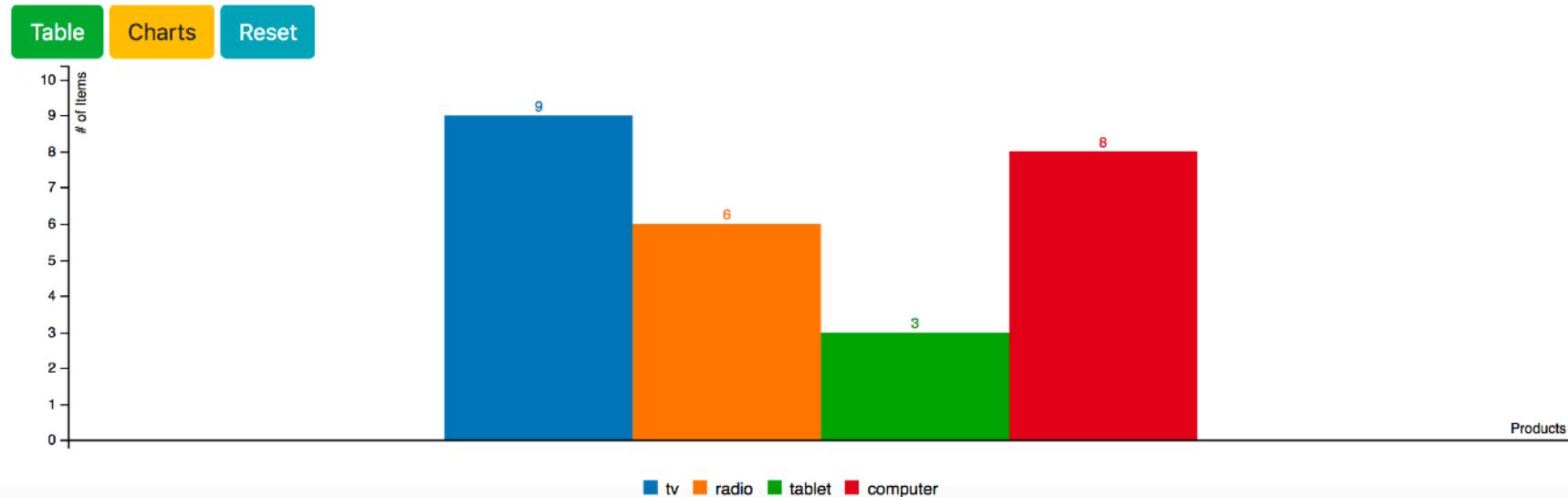
**Set up data format to display data in the div specified by the selector '#table2'.**

# Airtable GetJSON

## Airtable API Demo

Using jQuery getJSON and Airtable API for fun!

Airtable is a wonderful spreadsheet-like database with many useful features for data modeling and basic analytics. When used with other data visualization libraries, it can be a great tool for rapid prototyping.



[https://ybsuen.github.io/com5961/assignment10/test\\_getjson2.html](https://ybsuen.github.io/com5961/assignment10/test_getjson2.html)

**The same logic can be applied to C3.**

```
div class="well">><p id="demo">Airtable is a wonderful spreadsheet-like  
!-- Sign and date the page, it's only polite! -->  
button type="button" class="btn btn-warning" id='get_data'>Show Table</button>  
div class="table-responsive">  
| <table id="table1" width="100%" class="table table-bordered"></table>  
</div><!-- table responsive -->  
button type="button" class="btn btn-warning" id='get_data2'>Show Total</button>  
div class="table-responsive">  
| <table id="table2" width="100%" class="table table-bordered"></table>  
</div><!-- table responsive -->  
div id="chart"></div>
```

HTML

```
$getJSON(airtable_read_endpoint, function(result) {  
    $.each(result.records, function(key,value) {  
        items = [];  
        items.push(value.fields.Name);  
        items.push(value.fields.total_items_by_category);  
        dataSet.push(items);  
        console.log(items);  
    }); // end .each  
    console.log(dataSet);  
  
    $('#table2').DataTable( {  
        data: dataSet,  
        retrieve: true,  
        columns: [  
            { title: "Product",  
              defaultContent:""},  
            { title: "Total Amount",  
              defaultContent:"" },  
        ]  
    } );  
  
    var chart = c3.generate({  
        data: {  
            columns: [dataSet],  
            type : 'bar'  
        },  
        axis: {  
            x: {label: 'Product'},  
            y: {label: '# of Items'}  
        },  
        bar: {  
            title: "# of Items by Product Category:",  
        }  
    })
```

JS

1. Define the selector
2. Retrieve the data set from API through GetJSON request.
3. Generate the chart using the data set and place it inside DOM object specified by selector.

# Picking Chart Colors



HTML COLOR CODES



Get HTML color codes, Hex color codes, RGB and HSL values with our color picker, color chart and HTML color names. Let's go!

Choose Wix to Build Your Site

WIX.com

Create a Professional Online Presence for Yourself or Your Business with Wix. Start Today!

OPEN



HEX #FF5733

RGB 255, 87, 51

HSL 11, 80%, 60%



1 2 3 4 5 6 7 8 9 10



#### HELPFUL TIPS



Picking

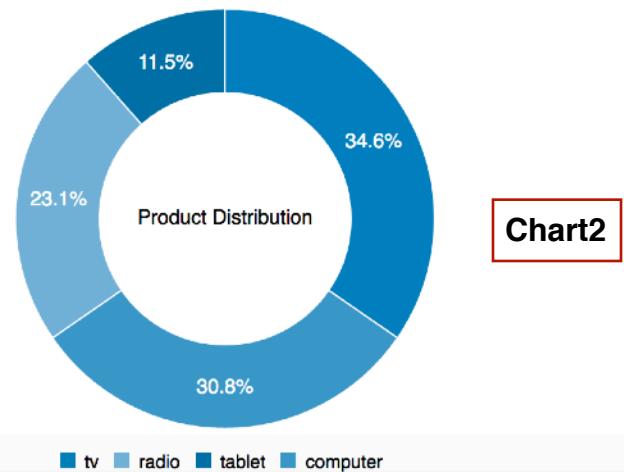
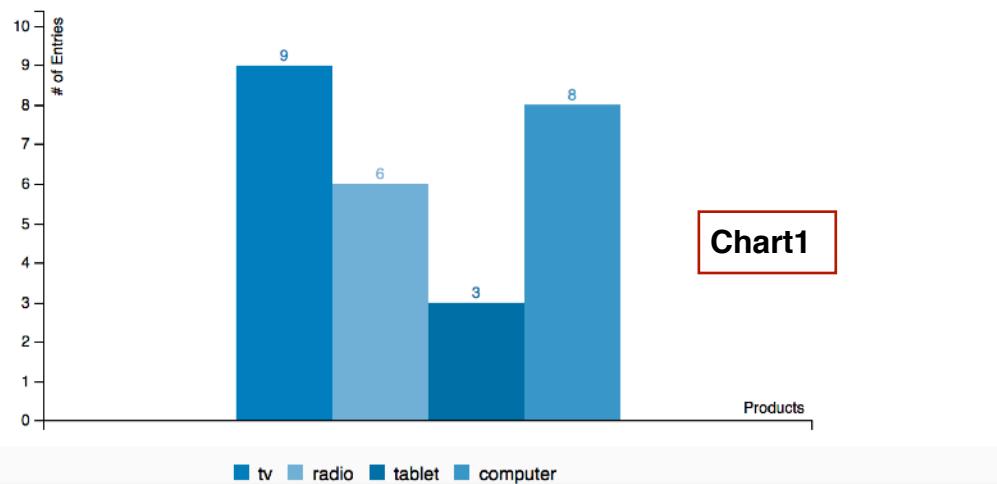
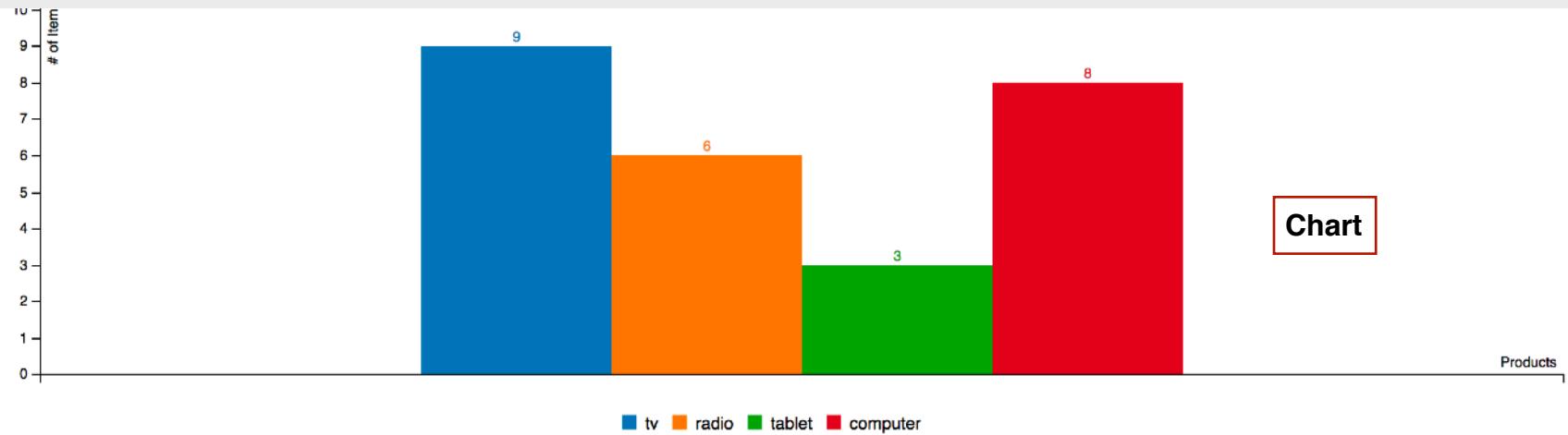


Saving



Exporting

<https://htmlcolorcodes.com/>



```
<div class="row">
    <div class='col-sm-12'>
        <div id="chart"></div>
    </div>
</div>
<div class="row">
    <div class="col-sm-6">
        <div id="chart1"></div>
    </div>
    <div class="col-sm-6">
        <div id="chart2"></div>
    </div>
</div><!--end row-->
```

```
var chart = c3.generate({
  data: {
    columns: dataSet,
    type : 'bar',
    labels:true
  },
  axis: {
    /*x: {label: 'Product'},*/
    x: {
      label: 'Products',
      type: 'category',
      categories:['','','','']
    },
    y: {label: '# of Items'}
  },
  bar: {
    title: "# of Items by Product Category:",
    width: {
      ratio: 0.5 // this makes bar width 50% of length between ticks
    }
  },
  tooltip: {
    show: false,
  }
});

// end c3.generate
```

### Chart

Get rid of the '0' symbol.  
No color specification.  
Take default colours

```
var chart = c3.generate({
  data: {
    columns: dataSet,
    type : 'bar',
    labels:true,
    colors: {
      radio: '#7FB3D5',
      computer: '#5499C7',
      tv: '#2980B9',
      tablet: '#2471A3'
    }
  },
  bar: {
    title: "Product by Category:",
    width: {
      ratio: 0.5 // this makes bar width 50% of length
    }
  },
  tooltip: {
    show: false,
  },
  axis: {
    x: {
      label: 'Products',
      type: 'category',
      categories:['', '', '', '']
    },
    y: {label: '# of Entries'}
  },
  bindto: '#chart1'
}); // end c3.generate
```

Chart1

Specify color used.

```
var chart = c3.generate({
  data: {
    columns: dataSet,
    type : 'donut',
    colors: {
      radio: '#7FB3D5',
      computer: '#5499C7',
      tv: '#2980B9',
      tablet: '#2471A3'
    }
  },
  donut: {
    title: "Product Distribution",
  },
  bindto: '#chart2'
}); // end c3.generate
```

Chart2

# **Geodata Mapping**

# **Finding the Latitude and Longitude Coordinates**



google map



All

Maps

Images

News

Videos

More

Settings

Tools

SafeSearch on

About 7,200,000,000 results (0.58 seconds)

## Google Maps

<https://maps.google.com> ▾

Find a place. Your location. Trails. Dedicated lanes. Bicycle-friendly roads. Dirt/unpaved trails. Live traffic. Fast. Slow. 2000 km. Set depart & arrive time.

### Maps

Your location. Trails. Dedicated lanes. Bicycle-friendly roads ...

### Map

Find local businesses, view maps and get driving directions in ...

### My Maps

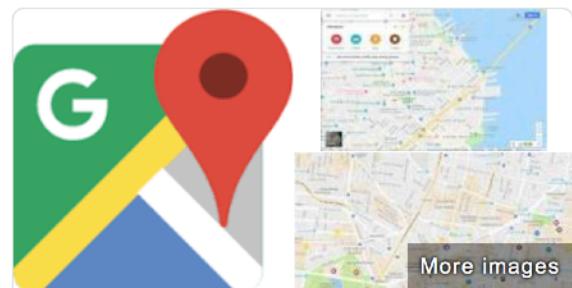
Discover the world with Google Maps. Experience Street View ...

[More results from google.com »](#)

## Google Maps

<https://www.google.com.hk> ▾ maps

Find local businesses, view maps and get driving directions in **Google Maps**.



## Google Maps

[Website](#)

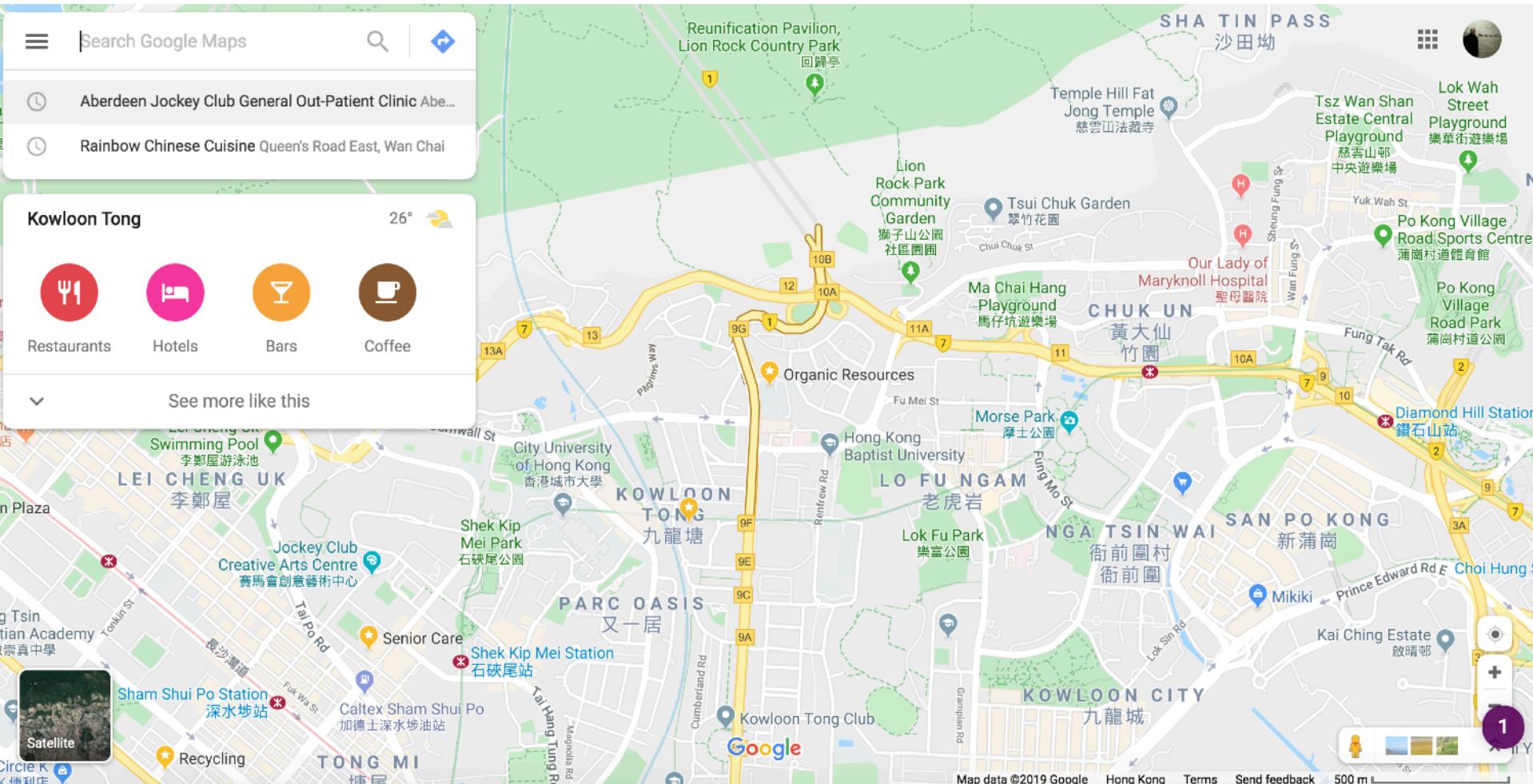
Google Maps is a web mapping service developed by Google. It offers satellite imagery, aerial photography, street maps, 360° panoramic views of streets, real-time traffic conditions, and route planning for traveling by foot, car, bicycle and air, or public transportation.

[Wikipedia](#)

**Date launched:** February 8, 2005

**Owner:** Google

0



Aberdeen Jockey Club General Office

Search

Directions Save Nearby Send to your phone Share Add a label

Satellite

Map data ©2019 Google Hong Kong Terms Send feedback 500 m

Reunification Pavilion, Lion Rock Country Park 回歸亭

Lion Rock Park Community Garden 獅子山公園社區園圃

Tsui Chuk Garden 翠竹花園

Ma Chai Hang Playground 馬仔坑遊樂場

Our Lady of Maryknoll Hospital 聖母醫院

CHUK UN 黃大仙 竹園

Diamond Hill Station 鑽石山站

KOWLOON TONG 九龍塘

PARC OASIS 又一居

Lo Fu Park 樂富公園

NGA TSIN WAI 銜前圍村 術前圍

SAN PO KONG 新蒲崗

KOWLOON CITY 九龍城

Mikiki

Prince Edward Rd E

Cumberland Rd

Renfrew Rd

Fu Mei St

Morse Park 摩士公園

Tung Mo St

Lok Fu Park 樂富公園

Kai Ching Estate 啟晴邨

Muk On St

Yuk Wah St

Wan Fung St

Sheung Fung St

Po Kong Village Road Sports Centre 蒲崗村道體育館

Po Kong Village Road Park 蒲崗村道公園

SHATIN PASS 沙田坳

Lok Wah Street 樂華街

Lok Wah Street Playground 樂華街遊樂場

Temple Hill Fat Jong Temple 慈雲山法藏寺

Our Lady of Maryknoll Hospital 聖母醫院

Organic Resources

Hong Kong Baptist University 香港浸會大學

City University of Hong Kong 香港城市大學

Shing Kip Mei Station 破屋山站

Kowloon Tong Club 九龍塘俱樂部

Reunification Pavilion, Lion Rock Country Park 回歸亭

Lion Rock Park Community Garden 獅子山公園社區園圃

Tsui Chuk Garden 翠竹花園

Ma Chai Hang Playground 馬仔坑遊樂場

Our Lady of Maryknoll Hospital 聖母醫院

CHUK UN 黃大仙 竹園

Diamond Hill Station 鑽石山站

KOWLOON TONG 九龍塘

PARC OASIS 又一居

Lo Fu Park 樂富公園

NGA TSIN WAI 銜前圍村 術前圍

SAN PO KONG 新蒲崗

KOWLOON CITY 九龍城

Mikiki

Prince Edward Rd E

Cumberland Rd

Renfrew Rd

Fu Mei St

Morse Park 摩士公園

Tung Mo St

Lok Fu Park 樂富公園

Kai Ching Estate 啟晴邨

Muk On St

Yuk Wah St

Wan Fung St

Sheung Fung St

Po Kong Village Road Sports Centre 蒲崗村道體育館

Po Kong Village Road Park 蒲崗村道公園

SHATIN PASS 沙田坳

Lok Wah Street 樂華街

Lok Wah Street Playground 樂華街遊樂場

Temple Hill Fat Jong Temple 慈雲山法藏寺

Our Lady of Maryknoll Hospital 聖母醫院

Organic Resources

Hong Kong Baptist University 香港浸會大學

City University of Hong Kong 香港城市大學

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Temple Hill Fat Jong Temple 慈雲山法藏寺

Our Lady of Maryknoll Hospital 聖母醫院

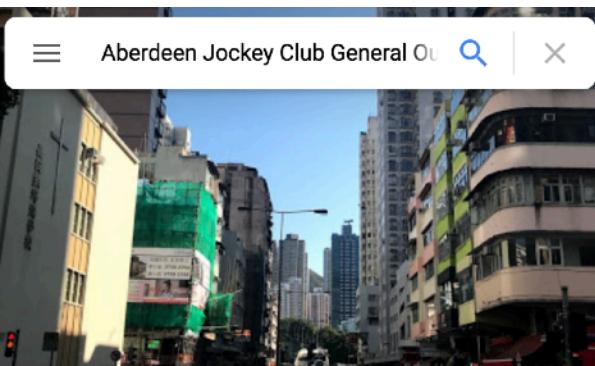
Organic Resources

Hong Kong Baptist University 香港浸會大學

City University of Hong Kong 香港城市大學

Shing Kip Mei Station 破屋山站

Kowloon Tong Club 九龍塘俱樂部



## Aberdeen Jockey Club General Out-Patient Clinic

香港仔賽馬會普通科門診診所

4.3 ★★★★★ (7)

Medical clinic



Directions



Save



Nearby



Send to  
your  
phone



Share



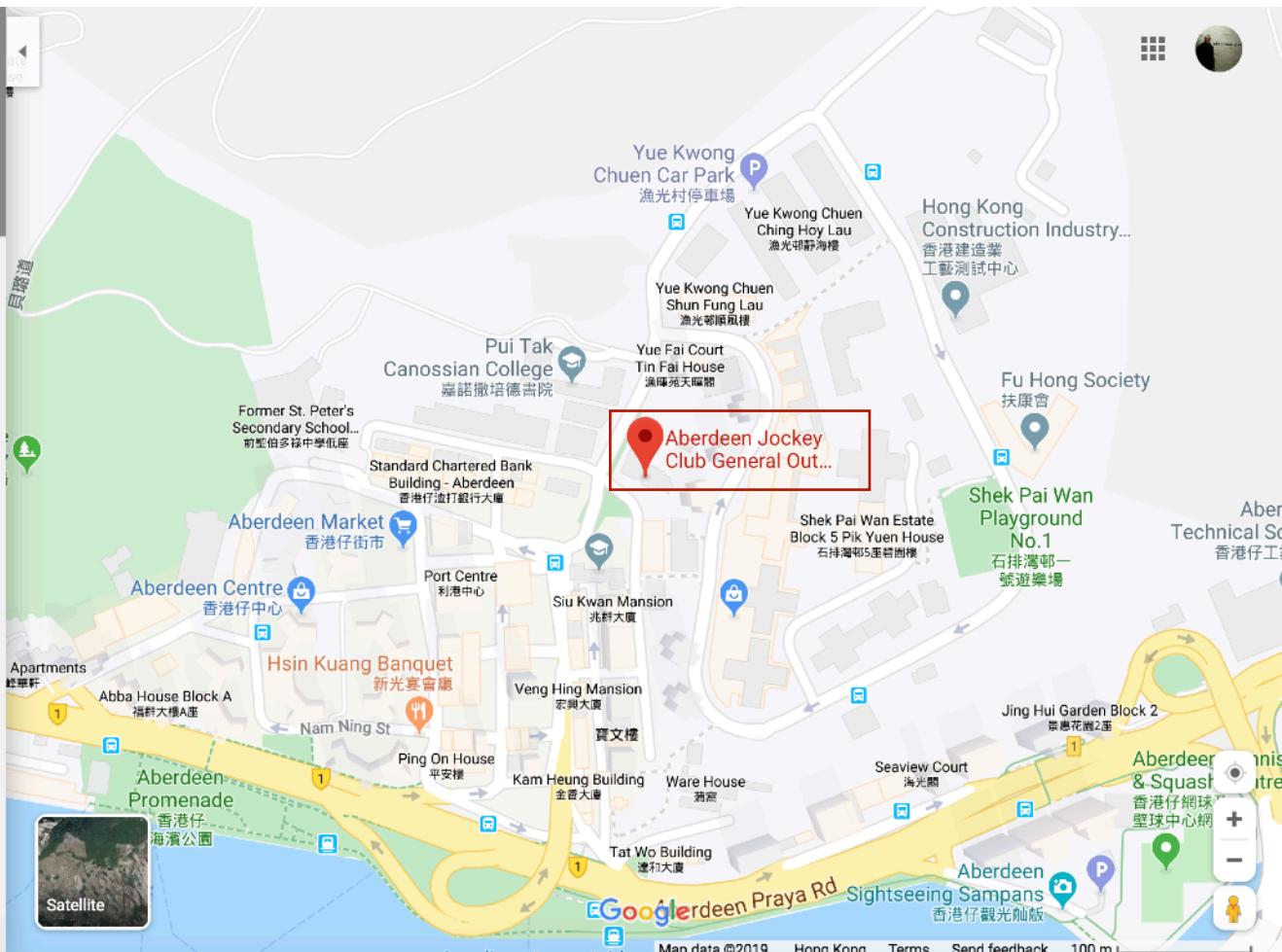
10 Aberdeen Reservoir Rd, Aberdeen



65X4+VH Hong Kong



ha.org.hk



Aberdeen Jockey Club General Out-Patient Clinic

香港仔賽馬會普通科門診診所

4.3 ★★★★★ (7)

Medical clinic

Directions Save Nearby Send to your phone Share

10 Aberdeen Reservoir Rd, Aberdeen  
65X4+VH Hong Kong  
ha.org.hk

Map showing the location of Aberdeen Jockey Club General Out-Patient Clinic in Aberdeen, Hong Kong. The map highlights the clinic's address at 10 Aberdeen Reservoir Rd, Aberdeen, 65X4+VH Hong Kong. Other nearby landmarks include Aberdeen Centre, Hsin Kuang Banquet, Port Centre, Siu Kwan Mans, Veng Hing Mansion, Kam Heung Building, Aberdeen Promenade, and Aberdeen Sampans. A red marker indicates the current location. A context menu is open over the map, with the "What's here?" option highlighted.

Directions from here  
Directions to here  
**What's here?**  
Search nearby  
Print  
Add a missing place  
Add your business  
Report a data problem  
Measure distance

Map data ©2019 Hong Kong Terms Send feedback 100 m

Aberdeen Jockey Club General Office

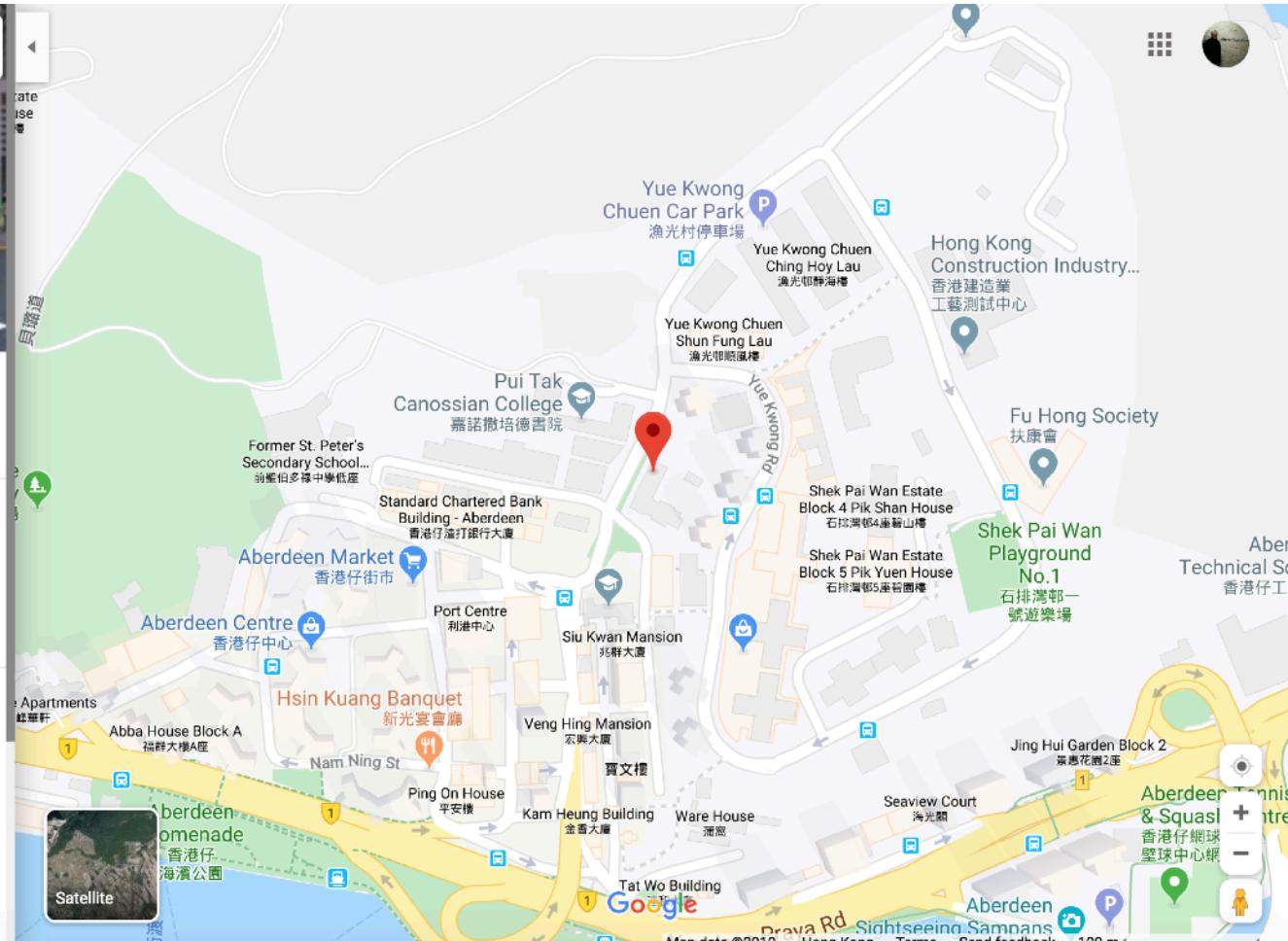
Aberdeen

Directions Save Nearby Send to your phone Share Add a label

Photos

Yue Kwong Chuen Car Park 漁光村停車場  
Yue Kwong Chuen Ching Hoy Lau 漁光邨新海樓  
Yue Fai Court Tin Fai House 漁富苑天暉閣  
Pui Tak Canossian College 嘉諾撒培德書院  
Former St. Peter's Secondary School 前聖伯多祿中學低座  
Standard Chartered Bank Building - Aberdeen 香港仔渣打銀行大廈  
Aberdeen Market 香港仔街市  
Aberdeen Centre 香港仔中心  
Hsin Kuang Banquet 新光宴會廳  
Veng Hing Mansion 宏興大廈  
Kam Heung Building 金興大廈  
Ware House 貨倉  
Apartments 座  
Abba House Block A 福群大樓A座  
Nam Ning St.  
Ping On House 平安樓  
Jing Hui Garden Block 2 景惠花園2座  
Seaview Court 海光閣  
Aberdeen & Squash 香港仔網球壁球中心網  
Aberdeen Ding Sampans 香港仔網球壁球中心網  
Hong Kong Construction Industry... 香港建造業工藝測試中心  
Fu Hong Society 扶康會  
Shek Pai Wan Estate Block 4 Pik Shan House 石排灣邨4座碧山樓  
Shek Pai Wan Estate Block 5 Pik Yuen House 石排灣邨5座碧園樓  
Shek Pai Wan Playground No.1 石排灣邨一號遊樂場  
Aberdeen Technical School 香港仔工業學院  
Aberdeen Promenade 香港仔海濱公園  
Satellite

16-10 Aberdeen Reservoir Rd  
Aberdeen  
22.250197, 114.156396



# **Latitude and Longitude Codes of Your Home Town**

# **Using Leaflet and Open Street Map**



an open-source JavaScript library  
for mobile-friendly interactive maps



[Overview](#) [Tutorials](#) [Docs](#) [Download](#) [Plugins](#) [Blog](#)

May 8, 2019 — [Leaflet 1.5.1](#) has been released!

Leaflet is the leading open-source JavaScript library for mobile-friendly interactive maps. Weighing just about 38 KB of JS, it has all the mapping [features](#) most developers ever need.

Leaflet is designed with *simplicity, performance* and *usability* in mind. It works efficiently across all major desktop and mobile platforms, can be extended with lots of [plugins](#), has a beautiful, easy to use and [well-documented API](#) and a simple, readable [source code](#) that is a joy to [contribute](#) to.

<https://leafletjs.com/>

**Declare the starting parameters for the map and  
the source of the map tiles.**

Search

Where is this?

Go



## Welcome to OpenStreetMap!

OpenStreetMap is a map of the world, created by people like you and free to use under an open licence.

Hosting is supported by [UCL](#), [Bytemark Hosting](#), and other [partners](#).

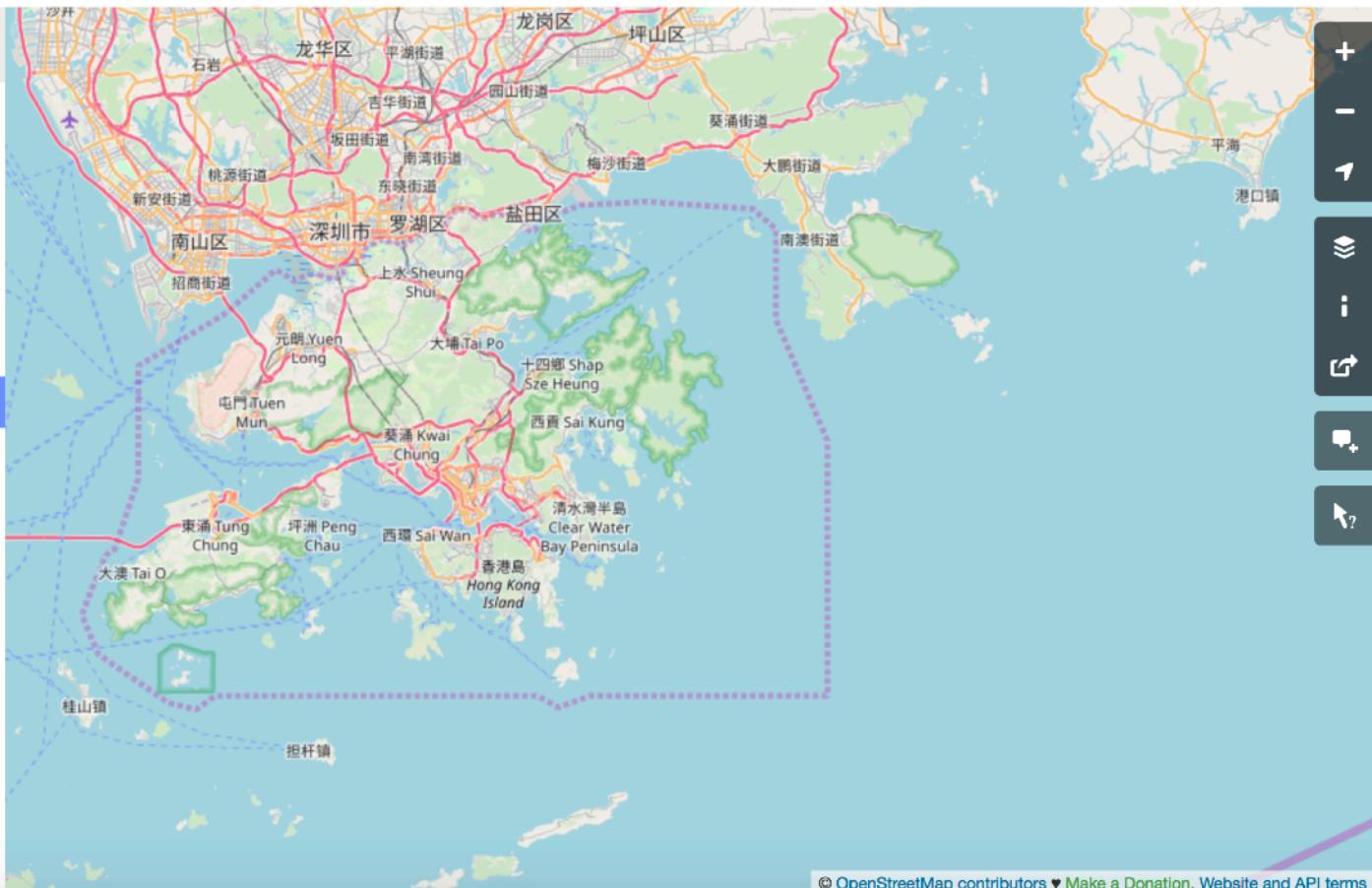
[Learn More](#)[Start Mapping](#)

# SOTM



Dhaka, Bangladesh 2019

10 km  
5 mi



© OpenStreetMap contributors • [Make a Donation](#). [Website](#) and [API terms](#)

<https://www.openstreetmap.org>



## Leaflet Tips and Tricks

[Buy on Leanpub](#)

## Table of Contents

### Acknowledgements

Make sure you get the most up to date copy of Leaflet Tips and Tricks

### Introduction

### What is leaflet.js?

### What do you need to get started?

## Start With a Simple Map

We will walk through the building of a simple web page using an HTML file. The page will host a Leaflet map so that we can understand all the different portions of the file and the processes that needs to be gone through to make it happen.

- This wont be an *exact* template for building on, since there are some liberties that are taken, but it will do the job and provides a base for explanation of the process and it will demonstrate how easy it can be.

The following is the full code listing of the file `simple-map.html` that we will be examining:

```
<!DOCTYPE html>
<html>
<head>
  <title>Simple Leaflet Map</title>
  <meta charset="utf-8" />
  <link
    rel="stylesheet"
    href="http://cdn.leafletjs.com/leaflet-0.7/leaflet.css"
  />
</head>
```

[https://leanpub.com/leaflet-tips-and-tricks/  
read#leanpub-auto-start-with-a-simple-map](https://leanpub.com/leaflet-tips-and-tricks/read#leanpub-auto-start-with-a-simple-map)

```

<!DOCTYPE html>
<html>
<head>
    <title>Simple Leaflet Map</title>
    <meta charset="utf-8" />
    <link
        rel="stylesheet"
        href="http://cdn.leafletjs.com/leaflet-0.7/leaflet.css" <-- 1
    />
</head>
<body>
    <div id="map" style="width: 600px; height: 400px"></div>
    <script
        src="http://cdn.leafletjs.com/leaflet-0.7/leaflet.js"> <-- 2
    </script>

    <script>
        var map = L.map('map').setView([-41.2858, 174.78682], 14);
        mapLink =
            <a href="http://openstreetmap.org">OpenStreetMap</a>;
        L.tileLayer(
            'http://(s).tile.openstreetmap.org/{z}/{x}/{y}.png', {
                attribution: 'Map data © ' + mapLink,
                maxZoom: 18,
            }).addTo(map);
    </script>
</body>
</html>

```

<http://cdn.leafletjs.com/leaflet-0.7/leaflet.css>

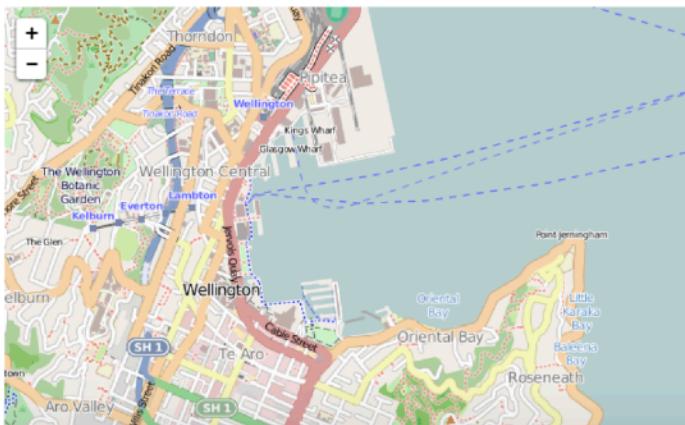
<http://cdn.leafletjs.com/leaflet-0.7/leaflet.js>

1

2

3

The output that it will produce on a web page will look like this;



1. Define the selector
2. Initialize map view and tile layer.
3. Source of the map tiles (e.g. Open Street Map).

## Adding a marker to our map

At some stage we will most likely want to add a marker to our map to pinpoint something. Leaflet makes the process nice and easy by including a [marker function with several options](#);

In its most simple form the following is the full code to show a map with a marker;

```
<!DOCTYPE html>
<html>
<head>
  <title>Marker Leaflet Map</title>
  <meta charset="utf-8" />
  <link
    rel="stylesheet"
    href="http://cdn.leafletjs.com/leaflet-0.7/leaflet.css"
  />
</head>
<body>
  <div id="map" style="width: 600px; height: 400px"></div>

  <script
    src="http://cdn.leafletjs.com/leaflet-0.7/leaflet.js">
  </script>

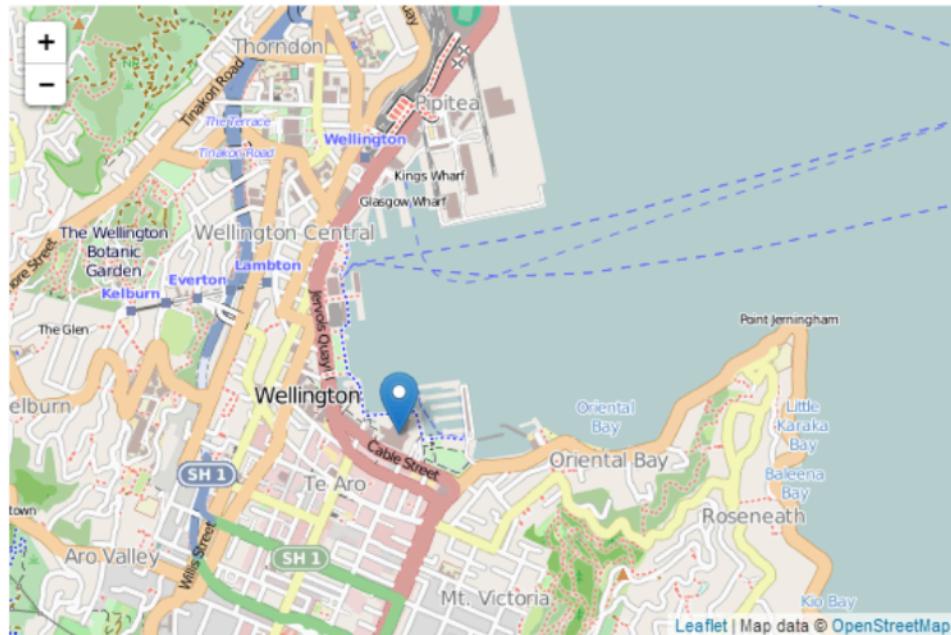
  <script>
    var map = L.map('map').setView([-41.2858, 174.78682], 14);
    mapLink =
      '<a href="http://openstreetmap.org">OpenStreetMap</a>';
    L.tileLayer(
      'http://{s}.tile.openstreetmap.org/{z}/{x}/{y}.png', {
        attribution: 'Map data © ' + mapLink,
        maxZoom: 18,
      }).addTo(map);
    var marker = L.marker([-41.29042, 174.78219])
      .addTo(map);
  </script>
</body>
</html>
```

4

1. Define the selector
2. Initialize view and tile layer.
3. Source of the map tiles (e.g. Open Street Map).
4. Add a marker to the map view.

[https://leanpub.com/leaflet-tips-and-tricks/  
read#leanpub-auto-adding-a-marker-to-our-map](https://leanpub.com/leaflet-tips-and-tricks/read#leanpub-auto-adding-a-marker-to-our-map)

```
var map = L.map('map').setView([-41.2858, 174.78682], 14);
mapLink =
  '<a href="http://openstreetmap.org">OpenStreetMap</a>';
L.tileLayer(
  'http://{s}.tile.openstreetmap.org/{z}/{x}/{y}.png', {
    attribution: '&copy; ' + mapLink + ' Contributors',
    maxZoom: 18,
  }).addTo(map);
```



Map with marker

```
var marker = L.marker([-41.29042, 174.78219])
  .addTo(map);
```

Change the latitude and longitude codes of the map to your home town and place a marker with latitude and longitude codes of a notable landmark nearby.

# **Leaflet and Airtable Integration in GetJSON**

# **Setting up Airtable for Latitude & Longitude Location Tracking**

## Open Refine Import ▾

HELP ? 🔍 🔔 🔘



☰ Product

Roll-up

Venues

SHARE ⓘ BLOCKS

▼ Grid view ⚙️ ...



	Name	# Lng	url	Pic	img_url
1	North Point District	22.287111	114.191667 <a href="https://en.wikipedia.org/w...">https://en.wikipedia.org/w...</a>		<a href="https://dl.airtable.com/attachments/e685bbc78ed3...">https://dl.airtable.com/attachments/e685bbc78ed3...</a>
2	Mong Kok	22.322500	114.170556 <a href="https://en.wikipedia.org/w...">https://en.wikipedia.org/w...</a>		<a href="https://dl.airtable.com/attachments/7fd289e11d22...">https://dl.airtable.com/attachments/7fd289e11d22...</a>
3	Happy Valley	22.266667	114.183333 <a href="https://en.wikipedia.org/w...">https://en.wikipedia.org/w...</a>		<a href="https://dl.airtable.com/attachments/018c45cd64b2...">https://dl.airtable.com/attachments/018c45cd64b2...</a>
4	Victoria Peak	22.275469	114.143828 <a href="https://en.wikipedia.org/w...">https://en.wikipedia.org/w...</a>		<a href="https://dl.airtable.com/attachments/10ffd6880934...">https://dl.airtable.com/attachments/10ffd6880934...</a>
5	Lan Kwai Fong	22.280972	114.155528 <a href="https://en.wikipedia.org/w...">https://en.wikipedia.org/w...</a>		<a href="https://dl.airtable.com/attachments/9efc1776d58a...">https://dl.airtable.com/attachments/9efc1776d58a...</a>

## Open Refine Import

HELP ? 🔍 🔔

SHARE 🔍 🔔 BLOCKS



Product

Roll-up

Venues



2 hidden fields

Filter

Group

Sort

Color



...



	A Name	# Lat	# Lng	url	Pic	img_url
1	North Point District			1667 <a href="https://en.wikipedia.org/w...">https://en.wikipedia.org/w...</a>		<a href="https://dl.airtable.com/.attachments/e685bbc78ed...">https://dl.airtable.com/.attachments/e685bbc78ed...</a>
2	Mong Kok			0556 <a href="https://en.wikipedia.org/w...">https://en.wikipedia.org/w...</a>		<a href="https://dl.airtable.com/.attachments/7fd289e11d2...">https://dl.airtable.com/.attachments/7fd289e11d2...</a>
3	Happy Valley			3333 <a href="https://en.wikipedia.org/w...">https://en.wikipedia.org/w...</a>		<a href="https://dl.airtable.com/.attachments/018c45cd64b...">https://dl.airtable.com/.attachments/018c45cd64b...</a>
4	Victoria Peak			3828 <a href="https://en.wikipedia.org/w...">https://en.wikipedia.org/w...</a>		<a href="https://dl.airtable.com/.attachments/10ffd688093...">https://dl.airtable.com/.attachments/10ffd688093...</a>
5	Lan Kwai Fong			5528 <a href="https://en.wikipedia.org/w...">https://en.wikipedia.org/w...</a>		<a href="https://dl.airtable.com/.attachments/9efc1776d58...">https://dl.airtable.com/.attachments/9efc1776d58...</a>

Lat

# Number

Format

Default

Decimal (1.0)

Precision

1.000000

Allow negative numbers

Cancel

Save

Open Refine Import

Product Roll-up Venues +

SHARE 🔍 BLOCKS

Grid view 2 hidden fields Filter Group Sort Color ...

	Name	Lng	url	Pic	img_url
1	North Point District	114.191667	<a href="https://en.wikipedia.org/w...">https://en.wikipedia.org/w...</a>		
2	Mong Kok	114.170556	<a href="https://en.wikipedia.org/w...">https://en.wikipedia.org/w...</a>		
3	Happy Valley	114.183333	<a href="https://en.wikipedia.org/w...">https://en.wikipedia.org/w...</a>		
4	Victoria Peak	114.143828	<a href="https://en.wikipedia.org/w...">https://en.wikipedia.org/w...</a>		
5	Lan Kwai Fong	114.155528	<a href="https://en.wikipedia.org/w...">https://en.wikipedia.org/w...</a>		

img\_url

Formula

Compute a value in each record based on other fields in the same record. For more information on formulas and a complete function reference, see the [Formula Field Reference](#).

Formula Formatting

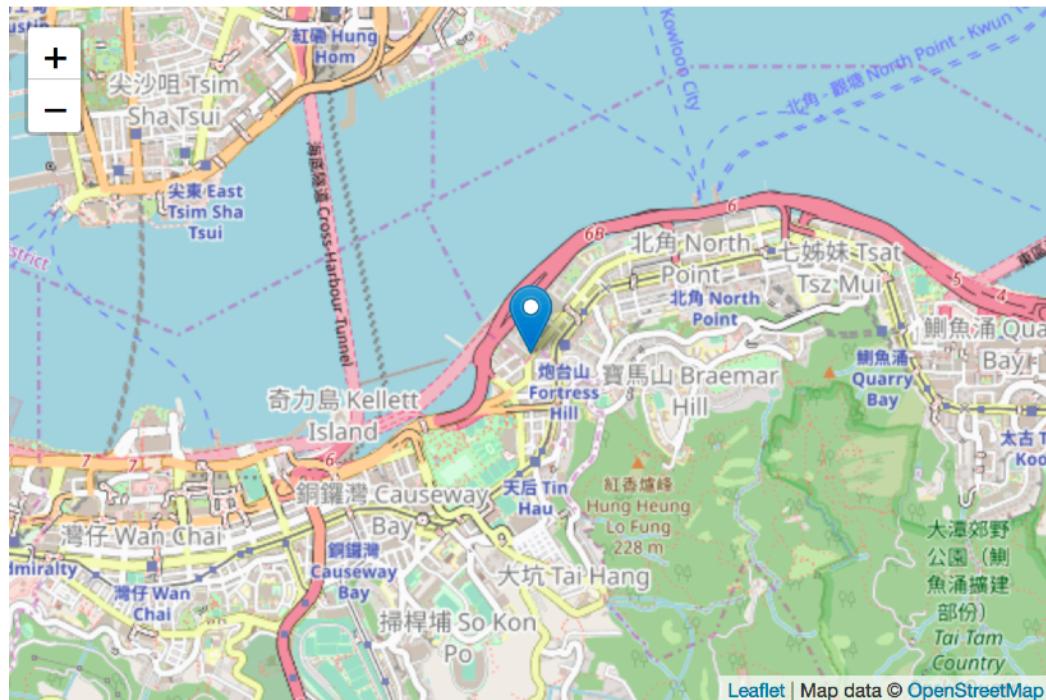
`MID(Pic,FIND(",Pic)+1,(FIND(")",Pic)-1)-(FIND(",Pic)))`

Cancel Save

<https://community.airtable.com/t/extracting-single-image-attachment-url/5477>

# **Adding GetJSON to Integrate with Airtable**

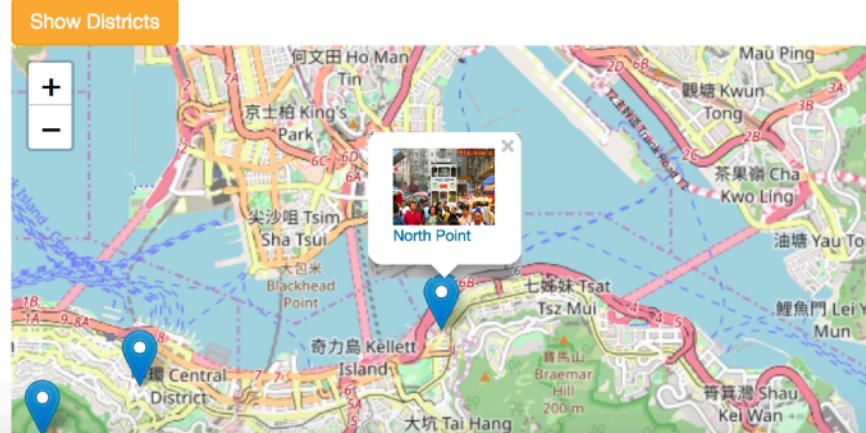
# Leaflet Example



```
<head>
<title>GetJSON</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/leaflet/1.3.4/leaflet.css">
<script src="https://cdnjs.cloudflare.com/ajax/libs/leaflet/1.3.4/leaflet.js"></script>
<script src="https://api.tiles.mapbox.com/mapbox.js/plugins/leaflet-markercluster/v0.4.0/leaflet.markercluster.js">
</script>
<link rel="stylesheet" type="text/css" href="https://cdnjs.cloudflare.com/ajax/libs/twitter-bootstrap/4.5.2/css/bootstrap.css">
<link rel="stylesheet" type="text/css" href="https://cdn.datatables.net/1.10.22/css/dataTables.bootstrap4.min.css">
<link href="https://cdnjs.cloudflare.com/ajax/libs/c3/0.7.11/c3.min.css" rel="stylesheet" type="text/css">
<script type="text/javascript" language="javascript" src="https://code.jquery.com/jquery-3.5.1.js"></script>
<script type="text/javascript" language="javascript" src="https://cdn.datatables.net/1.10.22/js/dataTables.min.js"></script>
<script type="text/javascript" language="javascript" src="https://cdn.datatables.net/1.10.22/js/dataTables.bootstrap4.min.js"></script>
<script type="text/javascript" src="https://cdnjs.cloudflare.com/ajax/libs/d3/5.12.0/d3.min.js"></script>
<script type="text/javascript" src="https://cdnjs.cloudflare.com/ajax/libs/c3/0.7.11/c3.min.js"></script>
<script src="TileLayer.Grayscale.js"></script>
<style>
#map {
    height: 300px;
}
</style>
</head>
<body>
<h1>Leaflet Example</h1>
<div id="map" style="width:600px; height:400px;"></div>
<script>
var mapboxTiles = L.tileLayer('https://{s}.tile.openstreetmap.org/{z}/{x}/{y}.png',
    {attribution: 'Map data &copy; <a href="https://openstreetmap.org">OpenStreetMap</a>, maxZoom: 18,} );
var map = L.map('map')
.addLayer(mapboxTiles)
.setView([22.287111, 114.191667], 14);

var marker = L.marker([22.28711,114.191667],{draggable:true})
.bindPopup(
    '<a href="https://en.wikipedia.org/wiki/North_Point" target="_blank">' )
.addTo(map);
</script>
</body>
</html>
```

## Leaflet Example



1. Define the selector
2. Initialize map view and tile layer.
3. Source of the map tiles (e.g. Open Street Map).
4. Define Airtable API request
5. Fetch data set into JS array.
6. Add markers to the map view based of the data set array.
7. Change map colour to monochrome
8. Marker popup

7

```
var mapboxTiles = L.tileLayer.grayscale('https://s.tile.openstreetmap.org/{z}/{x}/{y}.png', {attribution: 'Map data &copy; OpenStreetMap contributors'})
```

&lt;script&gt;

```
var mapboxTiles = L.tileLayer('https://s.tile.openstreetmap.org/{z}/{x}/{y}.png')
```

Attribution: 'Map data &copy; OpenStreetMap contributors'

3

```
var map = L.map('map')
```

```
.addLayer(mapboxTiles)
```

```
.setView([22.287111, 114.191667], 13);
```

2

JS

```
var items = [];
```

```
var airtable_read_endpoint = "https://api.airtable.com/v0/appKIU0zkdHt3AVTL/Venues?api_key=keycj6dRwXwYLEjiv";
```

```
var data = [];
```

```
$.getJSON(airtable_read_endpoint, function(result) {
    $.each(result.records, function(key,value) {
        items = {};
        items["name"] = value.fields.Name;
        items["url"] = value.fields.url;
        items["image_url"] = value.fields.img_url;
        items["latitud"] = value.fields.Lat;
        items["longitud"] = value.fields.Lng;
        data.push(items);
        console.log(items);
    }); // end .each
}); // end getJSON
</script>
```

5

1. Define the selector
2. Initialize the map view/tile layer
3. Source of the map tiles
4. Define Airtable API request
5. Fetch data set into JS array
6. Add markers to the map view
7. Map colour to monochrome
8. Marker popup

1

## Leaflet Example

```
<h1>Leaflet Example</h1>
<div class="row">
    <div class="col-xs-12 col-sm-12 col-md-12">
        <button type="button" class="btn btn-warning" id='roll'></button>
        <div id="map" style="width: 600px; height: 400px"></div>
    </div><!-- column -->
</div><!-- row -->
```

HTML

6

```
<script>
function show_districts(){
    for (var i in data) {
        var latlng = L.latLng({ lat: data[i].latitud, lng: data[i].longitud });
        L.marker( latlng )
            .bindPopup( '<a href="' + data[i].url + '" target="_blank">' + '' + '</a>' );
            .addTo(map);
    }
}
</script>
```

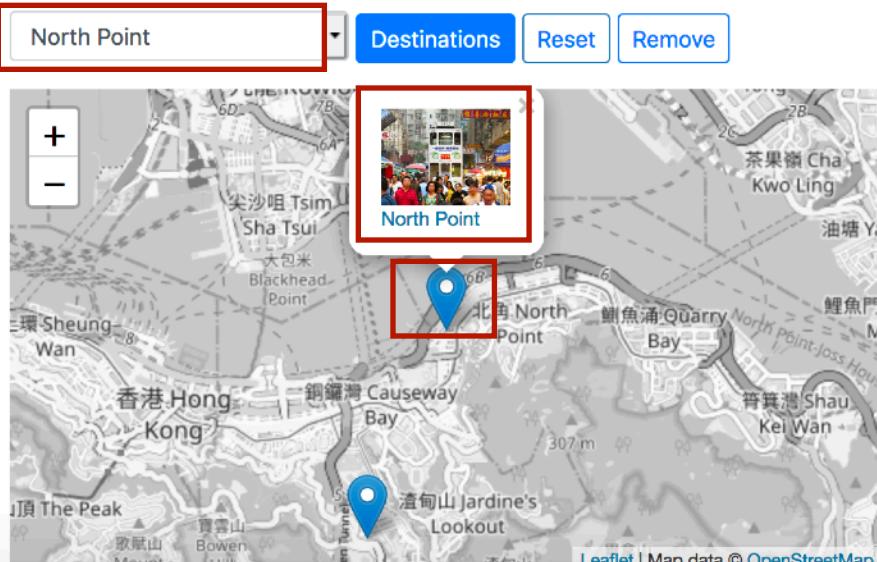
8

JS

Using jQuery getJSON and Airtable API for fun!

Airtable is a wonderful spreadsheet-like database with many useful features for data modeling and basic analytics. When used with other data visualization libraries, it can be a great tool for rapid prototyping.

## Leaflet Example



- a) From coloured map to monochrome map
- b) Place marker by selected option
- c) Pop-up

[https://ybsuen.github.io/com5961/assignment10/test\\_getjson2.html](https://ybsuen.github.io/com5961/assignment10/test_getjson2.html)

```
var map = L.map('map')
  .addLayer(mapboxTiles)
  .setView([22.287111, 114.191667], 13);

layerGroup = L.layerGroup().addTo(map);

var items = [];
var airtable_read_endpoint = "https://api.airtable.com/v0/appKIU0zld"
var data = [];
$.getJSON(airtable_read_endpoint, function(result) {
  $.each(result.records, function(key,value) {
    items = {};
    items["name"] = value.fields.Name;
    items["url"] = value.fields.url;
    items["image_url"] = value.fields.img_url;
    items["latitud"] = value.fields.Lat;
    items["longitud"] = value.fields.lng;
    data.push(items);
    console.log(items);
  });
}); // end .each
}); // endgetJSON
```

```
<form>
  <div class="form-group">
    <select id="filter" class="form-control form-control-sm" style="width:auto; display:inline-block;">
      <option value="" selected disabled>Please select</option>
      <option value="0">HKU</option>
      <option value="1">Kowloon Science Musuem</option>
      <option value="2">Victoria Peak</option>
      <option value="3">HK Cultural Center</option>
      <option value="4">Choi Hung</option>
      <option value="5">Lan Kwai Fong</option>
      <option value="6">CUHK</option>
      <option value="7">HKBU</option>
      <option value="8">North Point</option>
      <option value="9">Victoria Harbour</option>
      <option value="10">Mong Kok</option>
      <option value="11">Happy Valley</option>
    </select>
    <button type="button" class="btn btn-primary btn-sm" id='roll_up' onclick="show_districts();">Destinations</button>
    <button type="button" class="btn btn-outline-primary btn-sm" id="roll_up" onclick="remove_map();">Remove</button>
  </div>
</form>
```

```
function place_marker() {
  // var place = document.getElementById("filter").value;
  place = parseInt(filter.value);
  var latlng = L.latLng({ lat: data[place].latitud, lng: data[place].longitud });
  L.marker( latlng )
    .bindPopup( '<a href="' + data[place].url + '" target="_blank">' + '<br>' + data[place].name + '</a>' )
    .addTo(layerGroup);
  /*
  var marker = L.marker( data[place].lat, data[place].lng)
    .bindPopup( '<a href="' + data[place].url + '" target="_blank">' + data[place].name + '</a>' )
    .addTo(map);
  */
}
```

# Airtable GetJSON

## Airtable API Demo

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Airtable is a wonderful spreadsheet-like database with many useful features for data modeling and basic analysis. It can be a great tool for rapid prototyping.

[Table](#) [Charts](#) [Remove](#)

## Leaflet Example

North Point  Destinations [Reset](#) [Remove](#)

# Airtable GetJSON

## Airtable API Demo

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[Table](#) [Charts](#) [Remove](#)

## Leaflet Example

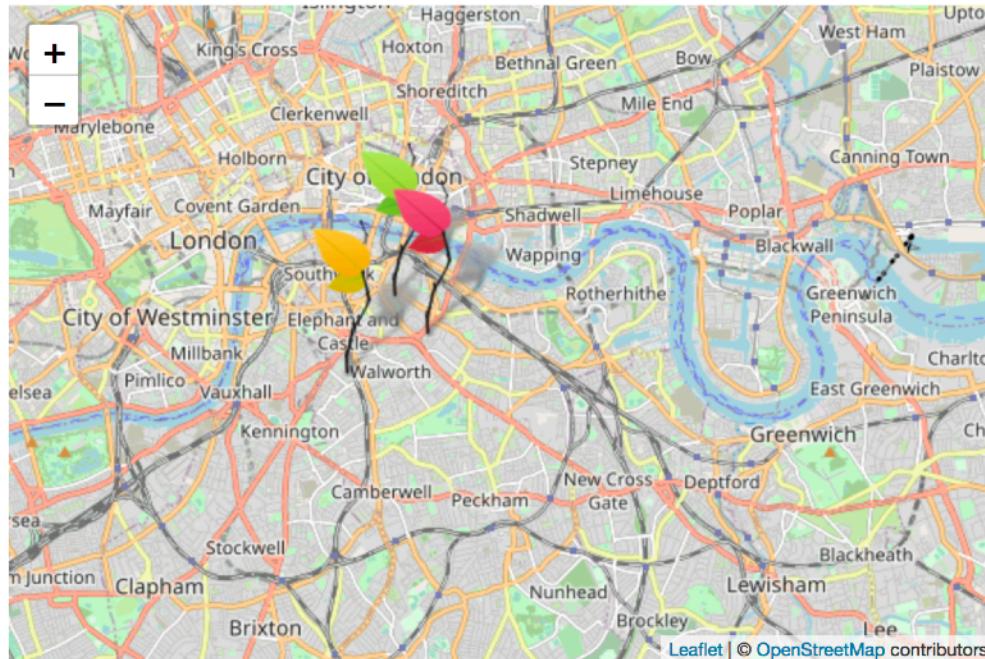
Happy Valley  Destinations [Reset](#) [Remove](#)

# **Markers with Custom Icons**

[← Tutorials](#)

## Markers With Custom Icons

In this tutorial, you'll learn how to easily define your own icons for use by the markers you put on the map.



[See this example stand-alone.](#)

<https://leafletjs.com/examples/custom-icons/>

**User dashboard examples  
from previous students.**

## **JavaScript libraries and frameworks used in the course.**

- 1. JQuery (<https://jquery.com/>)**
- 2. Bootstrap (<http://getbootstrap.com/>)**
- 3. C3 (<http://c3js.org/>)**
- 4. Leaflet (<http://leafletjs.com/>)**
- 5. DataTableJS (<https://datatables.net/>)**

**User dashboard examples  
from previous students.**



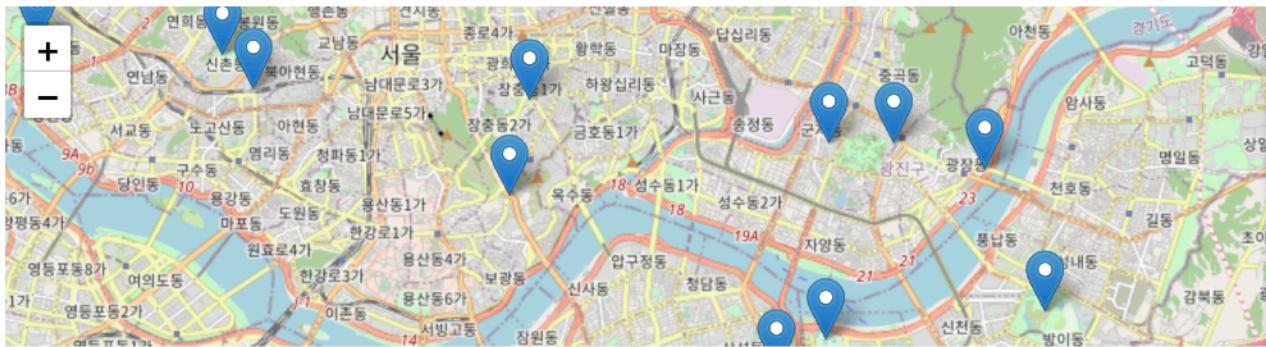
Source: <https://jasmine1022.github.io/SeoulConcertMap>

一键查看所有推荐去处的具体信息

<input type="checkbox"/>	名称	类型	TripAdvisor...	行政区	地址	交通
1	梨花女子大学	文化场所	1115	西大门区	梨花女大街52	2号线梨大(Ewha Woman)
2	庆熙大学	文化场所	123	东大门区	庆熙大路26	1号线回基(Hoegi)站1号出
3	高丽大学	文化场所	53	城北区	安岩路145	6号线安岩(Anam)站1/2号
4	景福宫	文化场所	10421	钟路区	社稷路161	3号线景福宫(Gyeongbok)
5	北汉山国立公园	文化场所	1067	城北区	辅国门路262	4号线吉音(Gireum)站2号
6	韩国国立中央博物馆	文化场所	2303	龙山区	西冰库路137	4号线二村(Ichon)站2号出
7	三清阁	文化场所	112	城北区	大使馆路3	5号线光化门(Gwanghw)
8	北村韩屋村	文化场所	5138	钟路区	北村路11街...	3号线安国(Anguk)站
9	洪陵树木园	公园广场	21	东大门区	回基路57国...	6号线高丽大(Goryeodae)
10	纛岛汉江公园	公园广场	24	广津区	峨嵯山路200	2号线建大入口(Konkuk U)
11	汝矣岛公园	公园广场	637	永登浦区	汝矣岛洞330	5号线汝矣渡口(Yeoui-na)
12	奥林匹克公园	公园广场	695	松坡区	奥林匹克路...	5号线/9号线奥林匹克公园

<input type="checkbox"/>	名称	类型
1	梨花女子大学	文化场所
2	庆熙大学	文化场所
3	高丽大学	文化场所
4	景福宫	文化场所
5	北汉山国立公园	文化场所
6	韩国国立中央博物馆	文化场所
7	三清阁	文化场所
8	北村韩屋村	文化场所
9	洪陵树木园	公园广场
10	纛岛汉江公园	公园广场

点击查看所有场馆具体位置



点击查看场馆最多容纳人数

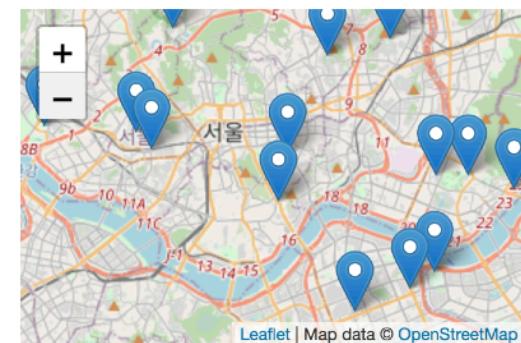
500-1499

100-2999

3000-9999

10000以上

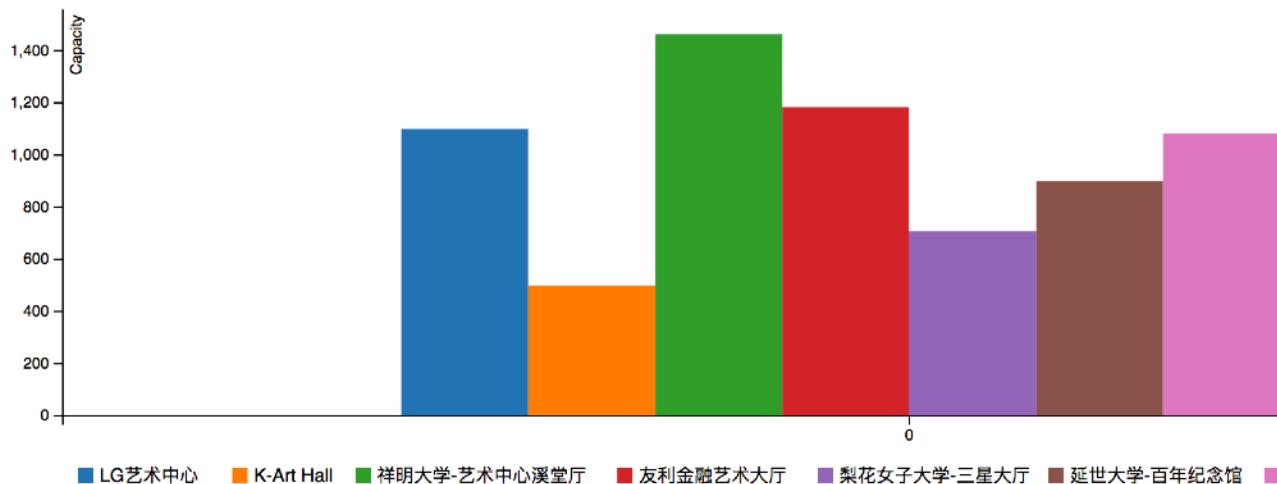
点击查看所有场馆具体位置



点击查看场馆最多容纳人数

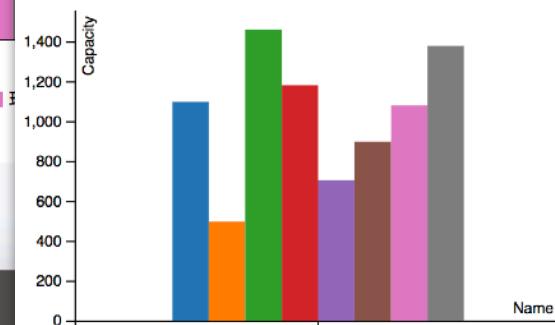
点击查看场馆最多容纳人数

500-1499 100-2999 3000-9999 10000以上



点击查看场馆最多容纳人数

500-1499 100-2999 3000-9999  
10000以上



## 奶茶筛选器

筛选器将每一杯奶茶的店铺、茶类型、茶底（茶叶）、配料等分别列出，建议先在筛选条选择店铺，接着选择想喝的茶类型，如奶盖茶、芝士茶等。点单前记得查看配料噢，避免“踩雷”你不喜欢的配料~

Show 10 entries

Search:

名称	店铺	类型	茶底	配料
霜乳乌龙	一芳台湾水果茶	奶盖茶	乌龙茶	
霜乳青茶	一芳台湾水果茶	奶盖茶	乌龙茶	
白桃乌龙	鹿角巷	纯茶	乌龙茶	
冻顶乌龙（冷泡茶）	奈雪的茶	纯茶	乌龙茶	
玫瑰乌龙	奈雪的茶	纯茶	乌龙茶	
青心乌龙（冷泡茶）	奈雪的茶	纯茶	乌龙茶	
纯金凤茶王	喜茶	纯茶	乌龙茶	
纯金玉	喜茶	纯茶	乌龙茶	
金玉茶王	乐乐茶	纯茶	乌龙茶	
黄金桂	乐乐茶	纯茶	乌龙茶	

Show 10 entries

Search:

名称	店铺	类型
17岁轻茶	CoCo都可	纯茶
17岁轻茶奶霜	CoCo都可	奶盖
CoCo奶茶	CoCo都可	奶茶
Miss可可宝藏茶	奈雪的茶	奶茶
QQ奶茶	CoCo都可	奶茶
一芳水果茶	一芳台湾水果茶	奶茶
三拼QQ奶茶	TPlus	奶茶
三拼QQ牛乳	TPlus	奶茶



首页



筛选



发现

Source: <https://gracege29.github.io/exercise/BTA/home.html>



首页



筛选



发现



我

Showing 1 to 10 of 471 entries

Previous

1

2

3

4

5

...

48

Next

## 附近店铺

目前仅收录中国香港及深圳部分店铺信息，敬请谅解！

鹿角巷



首页



筛选



发现



首页



筛选



发现



我

## **Problem Set #9**

- a. Based on the usability study result on your low-fidelity prototype, prepare a **high-fidelity** prototype using **HTML/CSS/JS**.**
- b. Test with 5 new users to obtain feedback on your improved design.**
- c. Conduct an **A/B test (with one variant)** using **Google Optimize**.**

**THE END**