

# EMBEDDING CONTENT ON A WEBPAGE

# WEBDEV@RGU

1

THE WEB IS A  
**BIG**  
PLACE

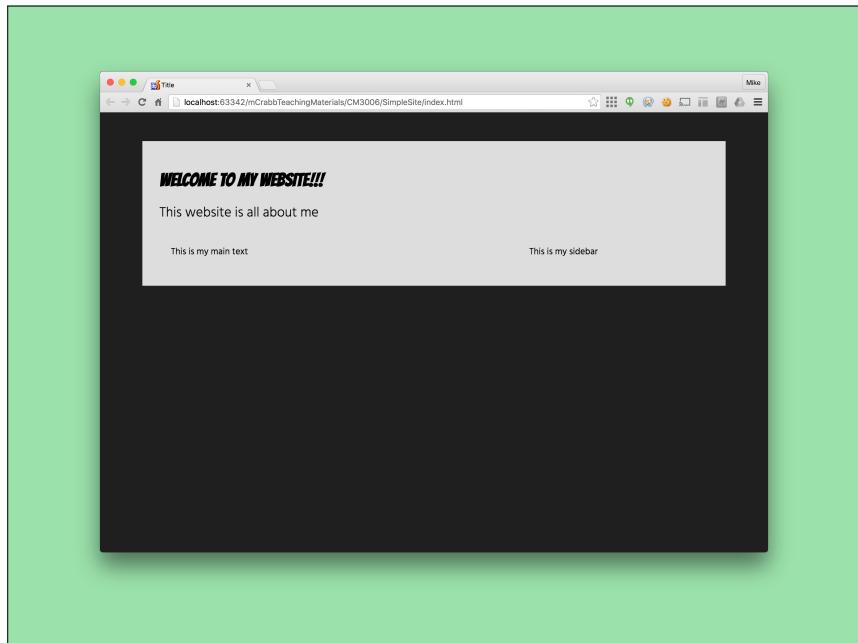
2



3

TWITTER  
GOOGLE MAPS  
YOUTUBE  
FACEBOOK  
GOOGLE+

4



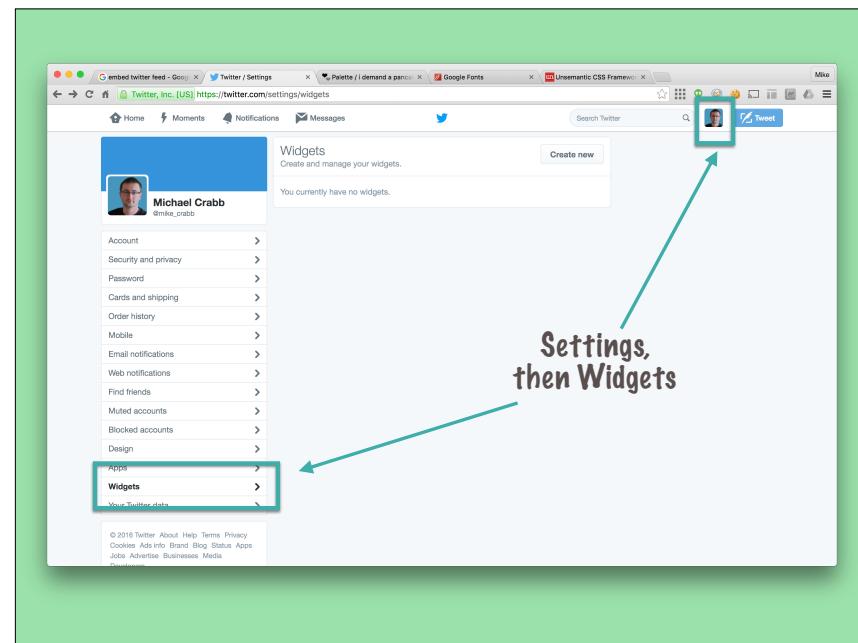
5

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<title>Title</title>
<link rel="stylesheet" href="style.css">
<link href="https://fonts.googleapis.com/css?family=Mind:400,300|Bangers" rel="stylesheet" type="text/css">
<link rel="stylesheet" href="unsemantic-grid-responsive-tablet.css">
</head>
<body>
<main>
<header>
<h1>Welcome to my website!!!</h1>
<h2>This website is all about me</h2>
</header>
<section class="grid-container">
<div class="grid-66"><p>This is my main text</p></div>
<div class="grid-33"><p>This is my sidebar</p></div>
</section>
</main>
</body>
</html>
```

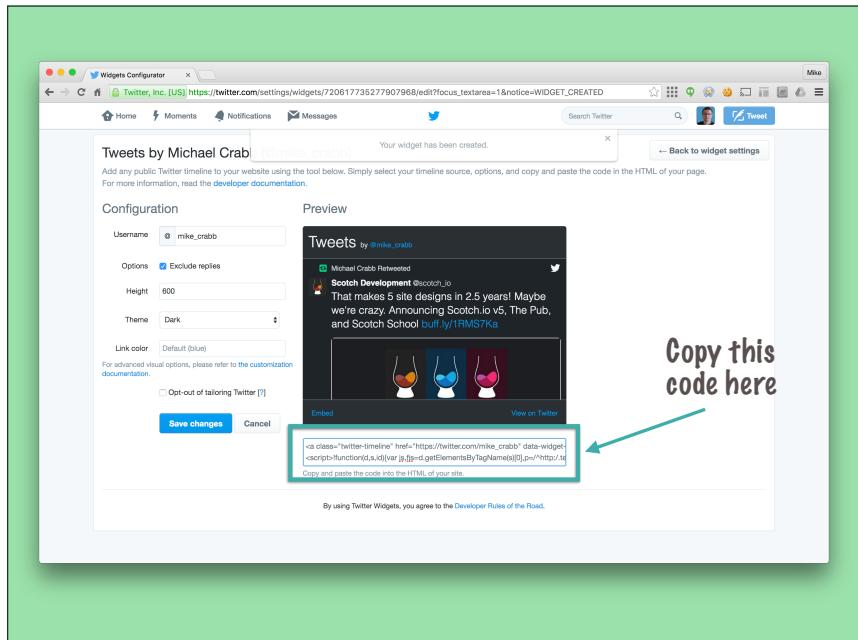
6



7



8



9

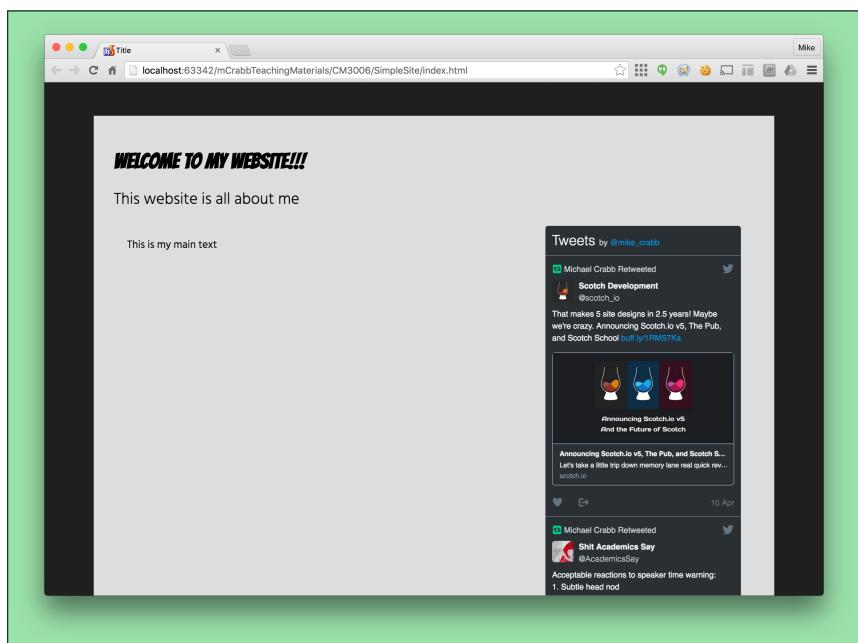
The screenshot shows a web browser's developer tools or source code view. A red box highlights the copied Twitter timeline code, which is pasted into the page's HTML structure. The code includes the Twitter timeline's CSS and JavaScript, along with the main website's header and body content.

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Welcome to my website!!!</title>
  <link rel="stylesheet" href="style.css">
  <link href='https://fonts.googleapis.com/css?family=Hand:400,300|Bangers' rel='stylesheet' type='text/css'>
</head>
<body>
<main>
  <h1>Welcome to my website!!!</h1>
  <h2>This website is all about me</h2>
</header>
<section class="grid-container">
  <div class="grid-60"><p>This is my main text</p></div>
  <!--TWITTER CODE STARTS -->
  <a class="twitter-timeline" href="https://twitter.com/mike_crabb" data-widget-id="720617735277907968">Tweets by @mike_crabb</a>
  <script>function(d,s,id){var js,fjs=d.getElementsByTagName('script')[0],p=/http(s)?:\/\/platform.twitter.com/widgets.js/;if(d.getElementById(id)){js=d.createElement(s);js.id=id;js.src=p+'//platform.twitter.com/widgets.js';fjs.parentNode.insertBefore(js,fjs);}}(document,"script","twitter-wjs");</script>
  <!-- TWITTER CODE ENDS -->
</div>
</section>
</main>
</body>
</html>

```

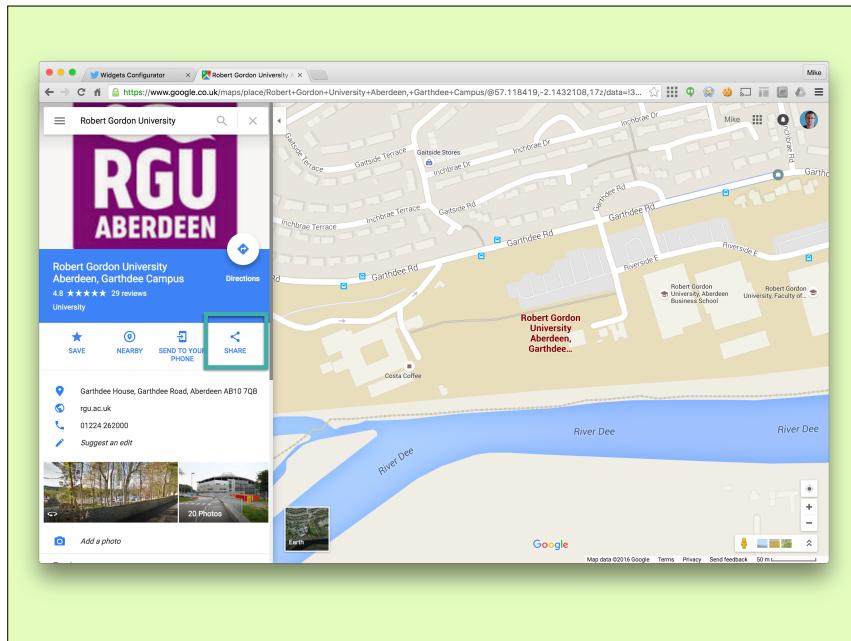
10



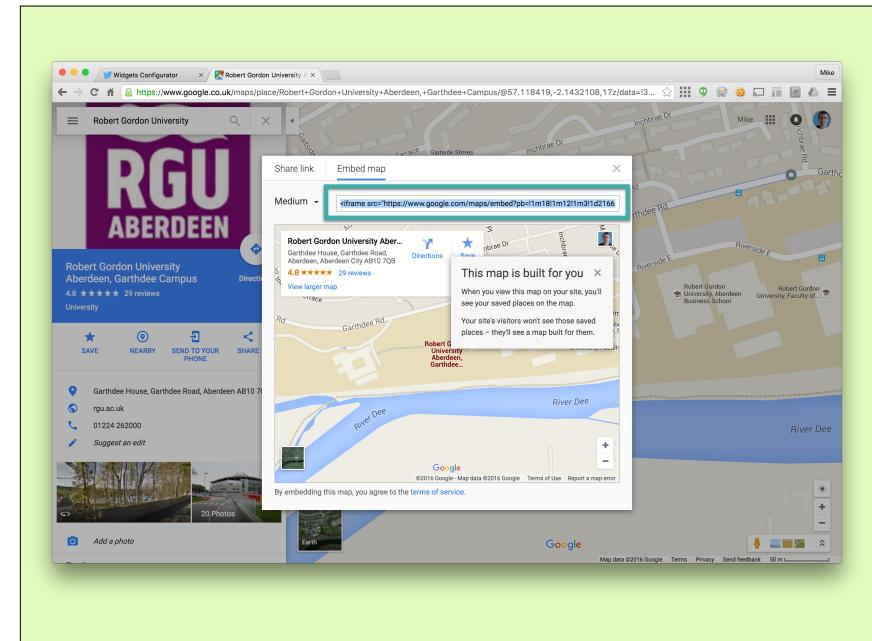
11



12



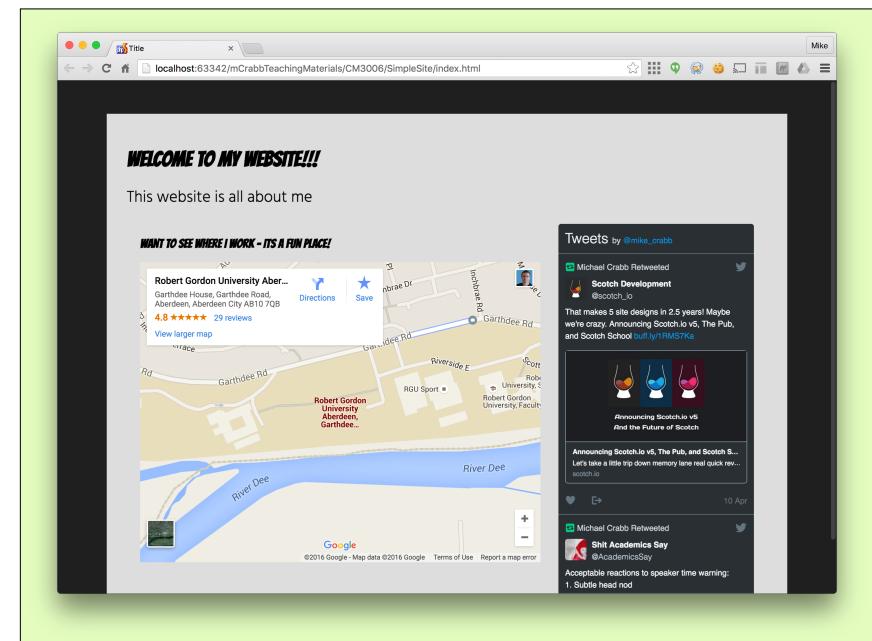
13



14

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<title>Title</title>
<link rel="stylesheet" href="style.css">
<link href="https://fonts.googleapis.com/css?family=Hind:400,300|Bangers" rel="stylesheet" type="text/css">
<link rel="stylesheet" href="semantic-grid-responsive-tablet.css">
</head>
<body>
<main>
<header>
<h1>Welcome to my website!!</h1>
<h2>this website is all about me</h2>
</header>
<section class="grid-container">
<div class="grid-66">
<h3>Want to see where I work? <a href="#">click here</a></h3>
<!-- GOOGLE MAP CODE STARTS -->
<div style="border: 1px solid #ccc; padding: 5px; width: 100%; height: 450px; margin-top: 10px;">Tweets by @mike_crabb</a>
<script>function(d,s,id){var js,fjs=d.getElementsByTagName('script')[0],p='https://';test(d.location)?p='http://';if(d.getElementById(id)){js=d.createElement(s);js.id=id;js.src=p+'//platform.twitter.com/widgets.js';fjs.parentNode.insertBefore(js,fjs);}}(document,'script',{twtr=w});</script>
<!-- TWITTER CODE ENDS -->
</div>
</section>
</main>
</body>
</html>
```

15



16



17

**RGU Campus - Aerial View**  
Robert Gordon University  
947 views

Published on 4 Feb 2016  
Robert Gordon University provides industry led undergraduate and postgraduate courses leading to highly relevant awards and degrees. Our beautiful riverside campus provides all of our students and staff with state-of-the-art teaching and learning facilities. Find out more about our university on our website

Comments

Up Next

- Welcome to Robert Gordon University Aberdeen
- 24 Hours after a Formula One race (Behind the Scenes)
- F1 2015 SLOWEST CAR CHALLENGE
- NOT AGAIN!
- F1 2016 Session Mod Career Part 1: Australia | Haas F1 Team
- New Campus Building Fly-through - RGU Masterplan
- Aberdeen Business School: Just another day of a Robert Gordon University student...
- Student Life At RGU

18

**RGU Campus - Aerial View**  
Robert Gordon University  
947 views

Published on 4 Feb 2016  
Robert Gordon University provides industry led undergraduate and postgraduate courses leading to highly relevant awards and degrees. Our beautiful riverside campus provides all of our students and staff with state-of-the-art teaching and learning facilities. Find out more about our university on our website

Comments

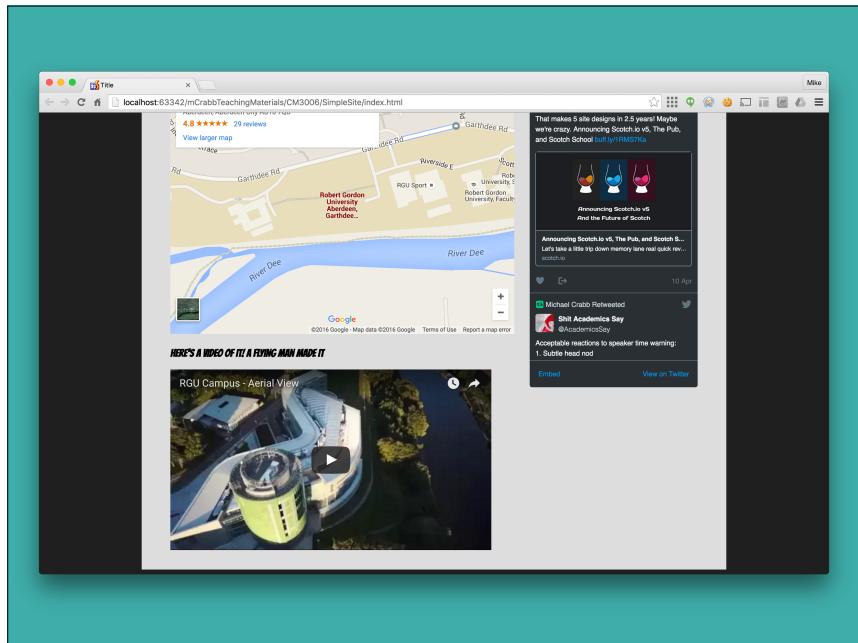
Up Next

- Welcome to Robert Gordon University Aberdeen
- 24 Hours after a Formula One race (Behind the Scenes)
- F1 2015 SLOWEST CAR CHALLENGE
- NOT AGAIN!
- F1 2016 Session Mod Career Part 1: Australia | Haas F1 Team
- New Campus Building Fly-through - RGU Masterplan
- Aberdeen Business School: Just another day of a Robert Gordon University student...
- Student Life At RGU

19

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<title>Title</title>
<link rel="stylesheet" href="style.css">
<link href="https://fonts.googleapis.com/css?family=Hind:400,300|Bangers" rel="stylesheet" type="text/css">
<link rel="stylesheet" href="unsemantic-grid-responsive-tablet.css">
</head>
<body>
<a href="#"></a>
<header>
<h1>Welcome to my website!!!</h1>
<h2>This website is all about me:</h2>
</header>
<section class="grid-container">
<div class="grid-66">
<h3>Want to see where I work - its a fun place!</h3>
<img alt="Aerial view of a modern building complex with a curved roof, likely the RGU campus." data-bbox="104 608 291 754"/>
<iframe src="https://www.google.com/maps/embed?pb=!1m18!1m2!1m3!1d2166.0935040239094!2d-2.142210784174592!3d55.1841899330936!2m1!1f0!2f0!3f0!3m2!1s021110241217681413.113m3!1m2!1s0x4884104832d109419340x5d8969688e77366a!2sRobert+Gordon+University+Aberdeen%2C+Garthdee+Campus!5e0!3m2!1sen!2suk!4v1460643848350!width="600" height="450" frameborder="0" style="border:0" allowfullscreen></iframe>
<!-- GOOGLE MAP CODE ENDS -->
<!-- YouTube CODE STARTS -->
<div style="border: 1px solid #ccc; padding: 5px; border-radius: 5px; width: fit-content; margin: auto; text-align: center; font-size: 0.8em; font-family: sans-serif; color: inherit; background-color: inherit; border-collapse: collapse; display: inline-block; position: relative; height: 315px; width: 560px; margin-bottom: 10px; margin-top: 10px; z-index: 1; overflow: hidden; vertical-align: middle; transition: all 0.3s ease-in-out;-->
<div style="border: 1px solid #ccc; padding: 5px; border-radius: 5px; width: fit-content; margin: auto; text-align: center; font-size: 0.8em; font-family: sans-serif; color: inherit; background-color: inherit; border-collapse: collapse; display: inline-block; position: relative; height: 315px; width: 560px; margin-bottom: 10px; margin-top: 10px; z-index: 1; overflow: hidden; vertical-align: middle; transition: all 0.3s ease-in-out;-->
<!-- YouTube CODE ENDS -->
<div class="grid-33">
<!-- TWITTER CODE STARTS -->
<a class="twitter-timeline" href="https://twitter.com/mike_crabb" data-widget-id="720617735277907968">Tweets by @mike_crabb</a>
<script>function(d,s,id){var js,fjs=d.getElementsByTagName(s)[0],p=/^http:/.test(d.location)? http : https ;if(!d.getElementById(id)){js=d.createElement(s)};js.id=id;js.src=p+'//platform.twitter.com/widgets.js';fjs.parentNode.insertBefore(js,fjs)};(document,'script','twitter-wjs');</script>
<!-- TWITTER CODE ENDS -->
</div>
</section>
</main>
</body>
</html>
```

20



21



22

A screenshot of a web browser window showing the "Like Button - Social Plugins" documentation on the Facebook Developers website. The URL is "https://developers.facebook.com/docs/plugins/like-button". The page contains sections for "Like Button for the Web" and "Step-by-Step" instructions. It includes a "Like Button Configurator" tool where users can enter a URL and width, and a "Code Example" section with a "Get Code" button.

23

A screenshot of a web browser window showing the "Like Button Configurator" tool on the Facebook Developers website. The URL "http://mp7778.azurewebsites.net/cm3006/SimpleSite/" is entered in the "URL to Like" field, and a width of "400" is specified. The "Layout" dropdown is set to "standard". The "Action Type" dropdown is set to "Like". The "Show Friends' Faces" and "Include Share Button" checkboxes are checked. A "Get Code" button is visible at the bottom.

24

The screenshot shows the "Like Button - Social Plugins" section of the Facebook Developers website. It displays two code snippets: one for the JavaScript SDK (Step 2) and one for placing the plugin on a page (Step 3). The code for Step 3 includes a placeholder URL: `<div class="fb-like" data-href="http://mjc7778.azurewebsites.net/cm3006/SimpleSite/" data-width="400" data-layout="standard" data-action="like" data-show-faces="true" data-share="true"></div>`. A "Get Code" button is visible below the snippets.

25

The screenshot shows a browser window displaying the generated HTML code. The code includes the Facebook JavaScript SDK, a placeholder for the like button (`<div id="fb-root"></div>`), and the final rendered like button element (`<div class="fb-like" data-href="http://mjc7778.azurewebsites.net/cm3006/SimpleSite/" data-width="400" data-layout="standard" data-action="like" data-show-faces="true" data-share="true"></div>`). The entire code block is highlighted with a red box.

26

The screenshot shows a website with a "WELCOME TO MY WEBSITE!!!" header. It features a Facebook Like button with the message "Be the first of your friends to like this.". Below it is a map of Robert Gordon University Aberdeen, showing its location near the River Dee. To the right is a Twitter feed from the account @mjc\_crabb, which includes tweets about Scotch Development and announcing Scotch v6. The Pub, and Scotch School.

27



28

**+1 Button**

Let visitors recommend your content on Google Search and share it on Google.

Size:  small  medium  standard

Annotation:  Inline  Outlink

Width: 300

Language: English (United States)

Want to customize your snippet?

```
<!-- Place this tag in your head or just before your close body tag -->
<script src="https://apis.google.com/js/platform.js" async defer></script>
<!-- Place this tag where you want the +1 button to render. -->
<div class="g-plus" data-annotation="inline" data-width="300" data-height="250"></div>
```

Contents

- Documentation
- Getting started
- A simple button
- +1 tag
- Deferred execution with onLoad and script tag parameters
- Configuration
- Setting the +1 href URL
- Script tag parameters
- +1 tag attributes
- Button sizes
- Inline annotation widths
- Positioning the +1 button
- JavaScript API Examples
- Basic page
- Explicit load
- Explicit render
- Deferred execution with language code
- Frequently asked questions
- Language codes

29

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Title</title>
    <link rel="stylesheet" href="style.css">
    <link href="https://fonts.googleapis.com/css?family=Hind:400,300|Bangers" rel="stylesheet" type="text/css">
    <link rel="stylesheet" href="semantic-grid-responsive-tablet.css">
</head>
<body>

<!-- FACEBOOK JAVASCRIPT CODE START -->
<div id="fb-root"></div>
<script>(function(d, s, id) {
    var js, fjs = d.getElementsByTagName(s)[0];
    if (d.getElementById(id)) return;
    js = d.createElement(s); js.id = id;
    js.src = "https://connect.facebook.net/en_GB/sdk.js#xfbml=1&version=v2.6";
    js.parentNode.insertBefore(js, fjs);
}(document, "script", "facebook-jssdk"))</script>

<!-- GOOGLE PLUS CODE START -->
<script src="https://apis.google.com/js/platform.js" async defer></script>
<!-- GOOGLE PLUS CODE START -->
<header>
    <h1>Welcome to my website!!</h1>
    <h2>This website is all about me</h2>
<!-- FACEBOOK CODE START -->
<div class="fb-like" data-href="http://mjc7778.azurewebsites.net/cm3006/SimpleSite/" data-width="400" data-layout="standard" data-action="like" data-show-faces="true" data-share="true"></div>
<!-- GOOGLE PLUS CODE START -->
<div class="g-plusone" data-annotation="inline" data-width="300" data-href="http://mjc7778.azurewebsites.net/cm3006/SimpleSite/"></div>
<!-- GOOGLE PLUS CODE END -->
```

30

**WELCOME TO MY WEBSITE!!!**

This website is all about me

**Want to see where I work - its a fun place!**

Robert Gordon University Aberdeen, Garthdee House, Garthdee Road, Aberdeen, Aberdeen City AB10 7QB  
4.8 \*\*\*\*\* 29 reviews

View larger map

G+ Recommend this on Google

Tweets by @mike\_cribb

Michael Cribb Retweeted Scotch Development That makes 5 site designs in 2.5 years! Maybe we're crazy. Announcing Scotch v6. The Pub, and Scotch School [http://tinyurl.com/scotch6](#)

Michael Cribb Retweeted Shit Academics Say @AcademicsSay Announcing Scotch v6. And the future of Scotch

Michael Cribb Retweeted Scotch Is v6. The Pub, and Scotch Is... Let's take a little trip down memory lane and quick review of Scotch Is

HERE'S A VIDEO OF IT! A FLYING MAN MADE IT!

31

# THERES A LOT MORE OUT THERE THAT YOU CAN USE AS WELL

- SOUNDCLOUD
- MSACCOUNT
- GITHUB
- PICAS
- YAHOO
- ...

[HTTP://WWW.COMPUTERSCIENCEZONE.ORG/50-MOST-USEFUL-APIS-FOR-DEVELOPERS/](http://www.computersciencezone.org/50-most-useful-apis-for-developers/)

32