

Widgets and 3rd Party Integration

What is a widget?

A widget is a little piece of your site that updates with external content. Think of things such as weather updates, google maps, social media feeds, or a stock market ticker.

Buyer Beware

Because most widgets and the accompanying code come from a third party, they may stop working, get updated, or cause unexpected things to happen. By using something that someone else created, you are at their mercy.

Where do I find Widgets?

Google of course! Most social media sites also have a place to grab some code if you want to add a feed info to your own site. This usually requires your own credentials / account in order to generate the widget.

Often times in order for your widget to work correctly, your site must be loaded onto a live web server where it can talk to the site that you got the widget from. Without this, your widget will seem broken.

Integrating Widgets

The first step in widget integration is making sure you have a place to put them. I usually have my widgets live in their own DIV, it makes it a bit easier to control positioning. Once you have a home for your widget, just copy the provided code, and paste it into the DIV (in code view) of your Dreamweaver site.

1. Copy the Saeet Tooth Widget Edition start folder from the server and link it into Dreamweaver
2. Connect to your remote server
3. **Expand** the files panel and make a new subdirectory in your public_html directory called **widgets**
4. go to Site > Mange Site (or reselect the folder from the dropdown in the files panel) and set the root directory to public_html/widgets

Accuweather.com weather widget

1. use the provided link or go to <http://www.accuweather.com/en/free-weather-widgets>
2. Choose a widget integration option
3. Customize the size
4. grab the code by clicking..... **grab the code**
5. with cursor in the text box: copy the code (**Cmd+A to select all, Cmd+C to copy**)
6. go to the weather article in Dreamweaver's **code view**
7. paste the code after the <H1 >: (**Cmd+V**)
8. Preview in browser

Google Maps

1. go to *google.com/maps*
2. zoom and move the map to your desired view level
3. click on the menu hamburger icon towards the top left of the screen
4. choose **share or embed map**
5. click **embed map** tab
6. choose preset size or customize a map to fit (I chose small for this demo)
7. copy the provided code
8. back in Dreamweaver's code view, paste the code into your map article
9. Make the map width responsive by changing it to 100% in the HTML you just pasted

Embed a YouTube Video

1. go to *youtube.com* and find a video
2. click the **share** button
3. Choose embed
4. click **show more**
5. customize your settings (I just chose a video)
6. copy and paste the code in the youtube <article> in dreamweaver code view
7. Make the video width responsive by changing it to 100% in the HTML you just pasted

Twitter Feed (need an account)

1. login to your twitter account
2. In the settings area, click on the **widgets** option
3. click **create new**
4. build your desired widget
5. **Create** the widget of your choice
6. copy the code
7. paste it in your twitter-article div class
8. Make the feed semi-responsive by changing giving it a `width="100%"` property.
9. Twitter feeds max out a 520px wide so I gave the `.twitter-article` a max width of 520px, and left and right auto margins to keep it centered.
10. Do more advanced customization by reading through this.
<https://dev.twitter.com/web/embedded-timelines>

Real Favicon Generator (<http://realfavicongenerator.net/>)

Favicons are the little 16 x 16 px image thumbnails in the browsers URL bar. Traditionally that's all we've really needed. As the modern web has evolved so has the use of the favicon. This generator gives you **many** versions of the favicon for varied device, OS and shortcut icon usage.

1. Create a square, 260px by 260px favicon image. (.png for transparency, .jpg for photos)
2. go to <http://realfavicongenerator.net>
3. click "**select your favicon image**" and upload it.
4. Explore the OS specific options where available)
5. Click "**Generate your Favicons and HTML code**"
6. click "**favicon package**" to download and uncompress the files
7. put the contents of the folder **into the root** of your local folder
8. copy the provided code and paste it in the <head> element of your website (all pages)
9. some people try to keep a clean root folder and put all of the icons in another folder. The maker of this application doesn't recommend because of some potential IE issues. If you want to put the favicons in the images folder, make sure to test your site. Don't forget to preface every link with **images/**

Favicons in the root of your site (recommended)

```
<link rel="apple-touch-icon" sizes="57x57" href="apple-touch-icon-57x57.png">
<link rel="apple-touch-icon" sizes="114x114" href="apple-touch-icon-114x114.png">
<link rel="apple-touch-icon" sizes="72x72" href="apple-touch-icon-72x72.png">
<link rel="apple-touch-icon" sizes="144x144" href="apple-touch-icon-144x144.png">
.....
```

Make sure there is no "/" before the icon names.

Favicons in the images folder (for the brave, but organized)

```
<link rel="shortcut icon" href="images/favicon.ico">
<link rel="apple-touch-icon" sizes="57x57" href="images/apple-touch-icon-57x57.png">
<link rel="apple-touch-icon" sizes="114x114" href="images/apple-touch-icon-114x114.png">
<link rel="apple-touch-icon" sizes="72x72" href="images/apple-touch-icon-72x72.png">
<link rel="apple-touch-icon" sizes="144x144" href="images/apple-touch-icon-144x144.png">
.....
```