Creating A Personal Website
Using Adobe Dreamweaver

CODE SNIPPETS

Dreamweaver provides multiple ways to work with code and includes many features to assist you while developing websites. Included in those features are three ways to store and reuse the elements that comprise website pages. You can reuse stored pieces of code using Code Snippets, insert pre-defined blocks of code and/or objects using Library Items, and create consistently styled documents across a site using Page Templates.

Note: This document provides details on using Code Snippets. See the PDF titled LIBRARY ITEMS for details on using Library Items, and the PDF titled PAGE TEMPLATES for details on using Page Templates.

INSERT CODE using SNIPPETS

If you find yourself repeating simple code blocks multiple times, you can use Code Snippets to speed up the process. Write the code once, save it as a snippet using the Snippets Panel, and then double-click it in the Snippets Panel to insert it in your documents.

Snippets are not site-specific, so they can be used across sites. You can also use snippets on different devices, and across different versions of Dreamweaver, using Sync Settings. Snippets are individually editable, so each can be altered if needed - with no effect on the others.

- Snippets are useful if you are required to define, maintain, and/or enforce some coding standards. You can achieve design uniformity by storing code snippets that are standards-compliant, and then inserting them into your code.
- Hand-coding responsive elements in a web page can be time-consuming. You can use snippets from the Bootstrap or Responsive Design Snippets section of the Snippets Panel to insert multiple lines of code (for a responsive table, for example) with a single click.
- Inserted snippets can be edited as required. The updated code can then, if desired, be saved as a new snippet that can be also be reused.
• HTML code blocks, JavaScript behaviors, CSS effects, and CSS styles are all excellent candidates for code reuse.

THE SNIPPETS PANEL
To open the Snippets Panel select Window > Snippets.

Snippets Panel in Dreamweaver, function icons are on the bottom right.

SNIPPETS PANEL FUNCTIONS (using the icons at bottom right of the Snippets Panel):

Insert Snippets
Expand the folders in the Snippets Panel, navigate to and select a code snippet, then click the Insert Icon to insert the snippet at the cursor location. Alternatively, double-click the snippet. To wrap existing text in a code snippet, select the text, then insert the snippet as above. The text is wrapped within the code snippet. For more information, see INSERT SNIPPETS, below.

Create Snippet Folders
Manage your snippets by housing them in folders, using a meaningful naming convention. To create a snippet folder, click the New Folder icon and enter a name. A new snippet folder is created within the currently active node. For more information, see CREATE SNIPPET FOLDERS, below.
Create New Snippets
You can use Dreamweaver’s pre-packaged snippets, or edit them to meet your specific needs. You can also create your own snippet from scratch, or edit an existing snippet, and then save the new snippet for later use. For more information, see CREATE SNIPPETS, below.

Edit Snippets
To edit an existing snippet, select the snippet in the Snippets Panel, and click the Edit icon. To delete a snippet you no longer need, select it, and click the Delete icon. For more information, see EDIT SNIPPETS, below.

Rename Snippets
To rename a snippet, right-click the snippet to open the context menu. Choose Rename Snippet, and then type in the new snippet name.

Add/Edit Trigger Keys
Trigger Keys allow you to create intuitive short codes that you can type in, instead of navigating to a particular snippet in the Snippets Panel and then inserting it. If you have defined trigger keys, place your cursor at the insert spot in the code, type in the trigger key text, and press tab. The code snippet is inserted into your code. For more information, see USING TRIGGER KEYS, below.

INSERT SNIPPETS
1. Place the cursor at the insertion point where you want to insert the code snippet.
2. In the Snippets panel (Window > Snippets), double-click the snippet, or click the Insert Icon at the bottom of the Snippets panel.
   You can also right-click (Windows) or Control-click (Macintosh) the snippet, and then select Insert from the pop-up menu.

CREATE SNIPPETS
1. In the Snippets panel, click the New Snippet icon at the bottom of the panel.
2. Enter a name for the snippet.
   Note: Snippet names cannot contain characters that are invalid in filenames, such as slashes (/ or \), special characters, or double quotes (“”). If in doubt, stick to alphanumeric characters, underscore (_), or dash (-).
3. (Optional) Enter a text description for the snippet. A text description makes it easier to identify the intended use for the snippet.
Creating a code snippet with a description makes it easy to identify for later reuse

**Note:** You can also create **Trigger Keys** to add snippets to your code. For more information, see **USE TRIGGER KEYS**, below.

4. Click **OK**.

**EDIT SNIPPETS**
To open the **Edit Snippet** dialog do one of the following:

- **Right-click** the snippet and select **Edit**
- Select the snippet and click the **Edit Snippet** icon at the bottom of the panel

You can edit all the fields in the **Edit Snippet** dialog, such as the **Name**, **Description**, **Trigger Key**, **Snippet Type**, and the contents of the **Insert Code** field. When you edit a snippet, existing instances of the snippet in the document do not get updated.

**CREATE SNIPPET FOLDERS**

1. In the Snippets panel, click the **New Snippet Folder** button at the bottom of the panel.
2. Drag snippets to the new folder, or to other folders, as desired.
3. A snippet folder can also be dragged to another Snippet Node.

**USING TRIGGER KEYS**

Trigger Keys can be used to quickly add code snippets - by typing instead of opening the Snippets Panel. First, assign a Trigger Key to any frequently used snippets. Then, in **Code View**, type in the **Trigger Key** text and press **tab** - Dreamweaver adds the snippet at the cursor location.

1. In the Snippets panel, **right-click** (Windows) or **Control-click** (Macintosh) and select **Add Trigger Key**.

   ![Select Add Trigger Key in the Snippets panel]

2. Enter a unique and meaningful **text key** in the **Trigger Key** field. In the following example, a snippet for creating an Alert Card is assigned a Trigger Key of **AlertCard**, making it easy to identify later. Simple, short, and intuitive trigger keys are best.
Enter text in the Trigger Key field

*Note:* Trigger keys cannot contain any special characters (apart from underscore and dash). In addition, the same trigger key cannot be used for two different snippets.

3. In Code View, place your cursor at the snippet insert point, type in the *trigger text*, and press *tab* to insert the snippet.

**DISTRIBUTE SNIPPETS ACROSS MULTIPLE DEVICES**

You can use Dreamweaver’s *Sync Settings* feature to port snippets to another machine running another installation of Dreamweaver (for example, the office and home installations of Dreamweaver).

1. Select *Edit > Preferences*.
2. In the *Sync Settings* section, click *Sync Settings Now*.

The settings are saved on the cloud. When you next launch Dreamweaver, these settings are imported, and local settings are overridden by the settings imported from the cloud. Your snippets, and all other preference settings get synced.
For more information on sync settings, see Synchronize Dreamweaver settings with Creative Cloud.

**Note:** If synchronizing settings is something you do often, enable *auto-synchronization* by clicking *Enable Automatic Sync* in the Sync Settings section of the Preference Panel. Every change in the settings is automatically saved to the cloud.