



TRAINING DRAGON WEB DESIGN

TRAINER: EMILIANO

WEB DESIGN INTRO

- topics
- requisites

TOPICS

IN THIS COURSE WE WILL
COVER:

WEB DESIGN

Web Design involves planning, creation and maintenance of websites

3 CLIENT-SIDE LANGUAGES

- **HTML** to provide content
- **CSS** to style pages
- **JavaScript** to add interactivity
- client-side vs server-side
- * *in this course we will **not** cover JavaScript or server-side languages*

HTML

- tags and attributes
- 3 main tags of a page
- block elements vs inline elements
- most common tags
- adding videos and maps
- tables
- forms
- exercises and challenges

CSS

- CSS intro
- add inline, internal and external CSS
- CSS rulesets, selectors, rules
- style text
- style block elements
- planning and creating layouts
- exercises and challenges

REQUISITES

TO CREATE WEBSITES YOU
WILL NEED:

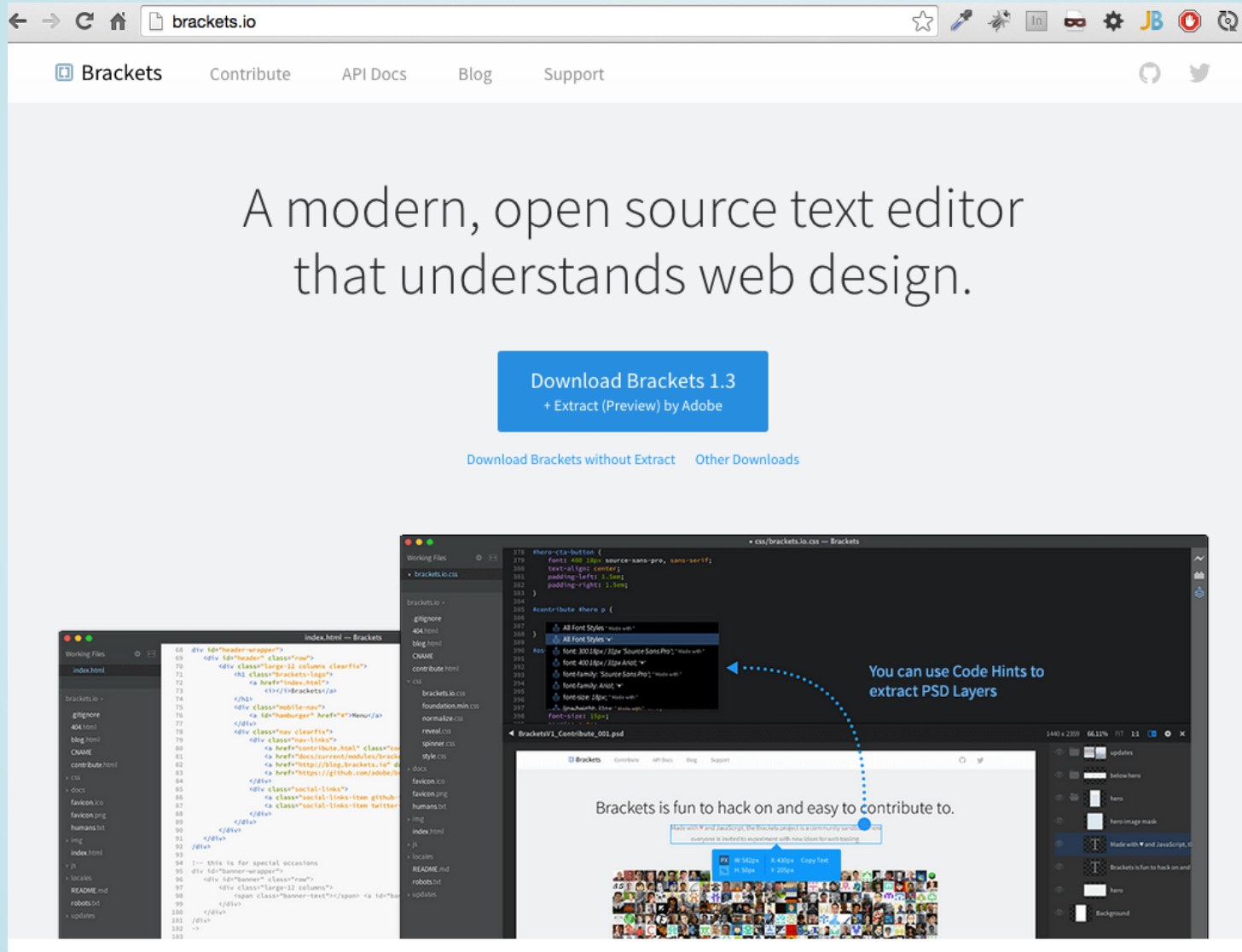
A PC OR A MAC

All technologies that we will cover are **CROSS PLATFORM**,
you will be able to use any OS (Windows, MAC OSX, Linux)

A WEB EDITOR / IDE

- a Web Editor is a software that recognises web languages
- IDE stands for Integrated Development Environment (web editor, build automation tools, debuggers)
- there are many web editors, some are cheap or free, others are expensive

BRACKETS



- <http://brackets.io>
- open source
- live preview
- easy to extend
- cross platform

APTANA STUDIO

The screenshot shows the Aptana Studio website homepage. At the top, there's a navigation bar with the Aptana logo (an orange gear icon) and the word "aptana®". To the right of the logo are links for "PRODUCTS", "SUPPORT", "NEWS", and "CONTRIBUTE". Further right is a search bar with the placeholder text "Search" and a magnifying glass icon. Below the navigation bar is a large banner area. On the left side of the banner, the text "Aptana Acquired by Appcelerator" is displayed in a large, white, sans-serif font. Below this text, in a smaller font, it says "Cloud-connected mobile opportunity expands to 1.5M developers worldwide. [Learn more.](#)". On the right side of the banner, there is a graphic featuring a red triangle with a white lowercase 'a' and a white arrow pointing right, followed by a large, faint ampersand '&', and then an orange square with a white gear icon. Below the banner, there is a section with the text "Build web applications quickly and easily using the industry's leading web application IDE. Aptana Studio harnesses the flexibility of Eclipse and focuses it into a powerful web development engine." Below this text, there are two columns. The left column is titled "Tweets" and contains a tweet from "Aptana @Aptana" dated "1 Dec". The tweet text is "@justin_tran Yes, that's correct. That is the latest shipping version of Java that Apple supplies." and includes a "Follow" button. The right column is titled "Developers Wanted" and contains the text "Aptana Studio 3 expands on the core capabilities of Aptana Studio 2 for building, editing, previewing and debugging HTML, CSS and JavaScript websites with PHP and Ruby on Rails web development. [Download now.](#)"

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 **aptana®** PRODUCTS SUPPORT NEWS CONTRIBUTE Search 🔍

Aptana Acquired by Appcelerator

Cloud-connected mobile opportunity expands to 1.5M developers worldwide. [Learn more.](#)



Build web applications quickly and easily using the industry's leading web application IDE. Aptana Studio harnesses the flexibility of Eclipse and focuses it into a powerful web development engine.

Tweets

 **Aptana** @Aptana 1 Dec
@justin_tran Yes, that's correct. That is the latest shipping version of Java that Apple supplies. Follow

Developers Wanted

Aptana Studio 3 expands on the core capabilities of Aptana Studio 2 for building, editing, previewing and debugging HTML, CSS and JavaScript websites with PHP and Ruby on Rails web development. [Download now.](#)

- <http://www.apptana.com/>
- open source
- supports many languages
- solid and reliable
- cross platform

WEBSTORM



The screenshot shows the JetBrains website with the WebStorm product page. The browser address bar shows "JetBrains s.r.o. [CZ] https://www.jetbrains.com/webstorm/". The website has a dark header with the JetBrains logo and navigation links: PRODUCTS, SUPPORT, COMMUNITY, COMPANY, and MY ACCOUNT. Below the header, the WebStorm logo is followed by links: What's New, Features, Resources, Quickstart Guide, Buy & Renew, and a blue Download button. The main heading is "The smartest JavaScript IDE". Below it, a paragraph states: "WebStorm is a lightweight yet powerful IDE, perfectly equipped for complex client-side development and server-side development with Node.js." At the bottom, there is a blue Download WebStorm button and a link to See what's New with a JUST UPDATED badge.

JetBrains

PRODUCTS - SUPPORT COMMUNITY COMPANY MY ACCOUNT

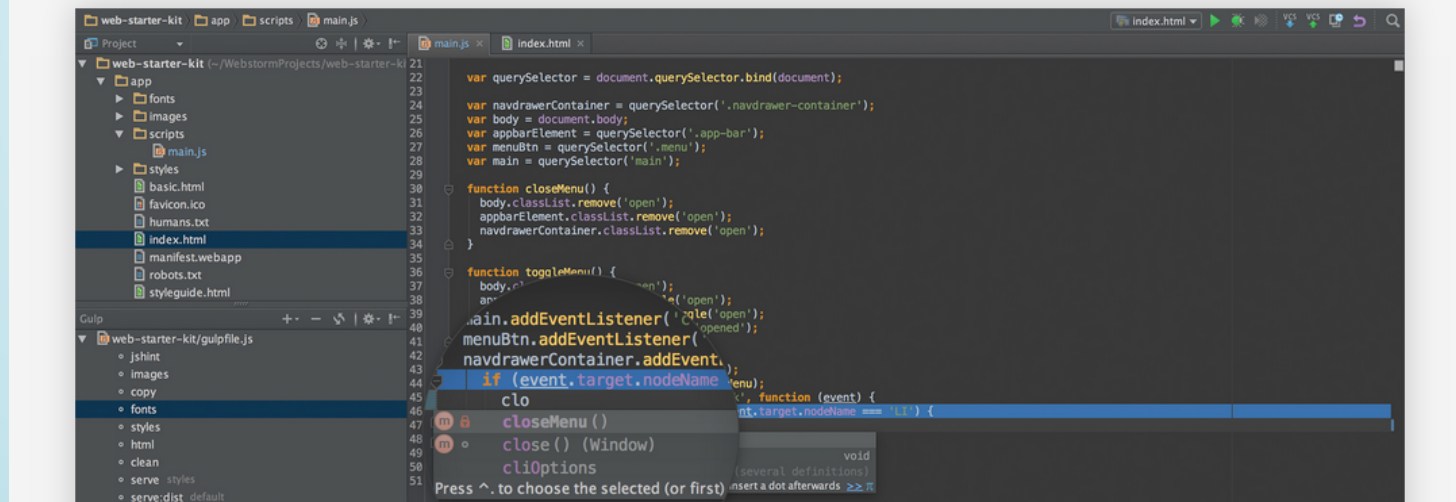
WebStorm

What's New Features Resources Quickstart Guide Buy & Renew [Download](#)

The smartest JavaScript IDE

WebStorm is a lightweight yet powerful IDE, perfectly equipped for complex client-side development and server-side development with Node.js.

[Download WebStorm](#) [See what's New](#) **JUST UPDATED**



- <https://www.jetbrains.com/webstorm/>
- cheap
- supports many languages
- very good for client side languages
- cross platform

SUBLIME TEXT

The screenshot shows the Sublime Text website with a navigation bar (Home, Download, Buy, Blog, Forum, Support) and a tagline: "Sublime Text: The text editor you'll fall in love with". Below this is a large "Sublime Text" heading and a description: "Sublime Text is a sophisticated text editor for code, markup and prose. You'll love the slick user interface, extraordinary features and amazing performance."

Below the website content is a "Demonstration" window showing the Sublime Text editor interface. The editor has a dark theme and a file named "untitled". The code in the editor is a Python script that defines motion modes and registers for a plugin. The status bar at the bottom of the editor shows "Line 1, Column 1", "Spaces: 4", and "Plain Text".

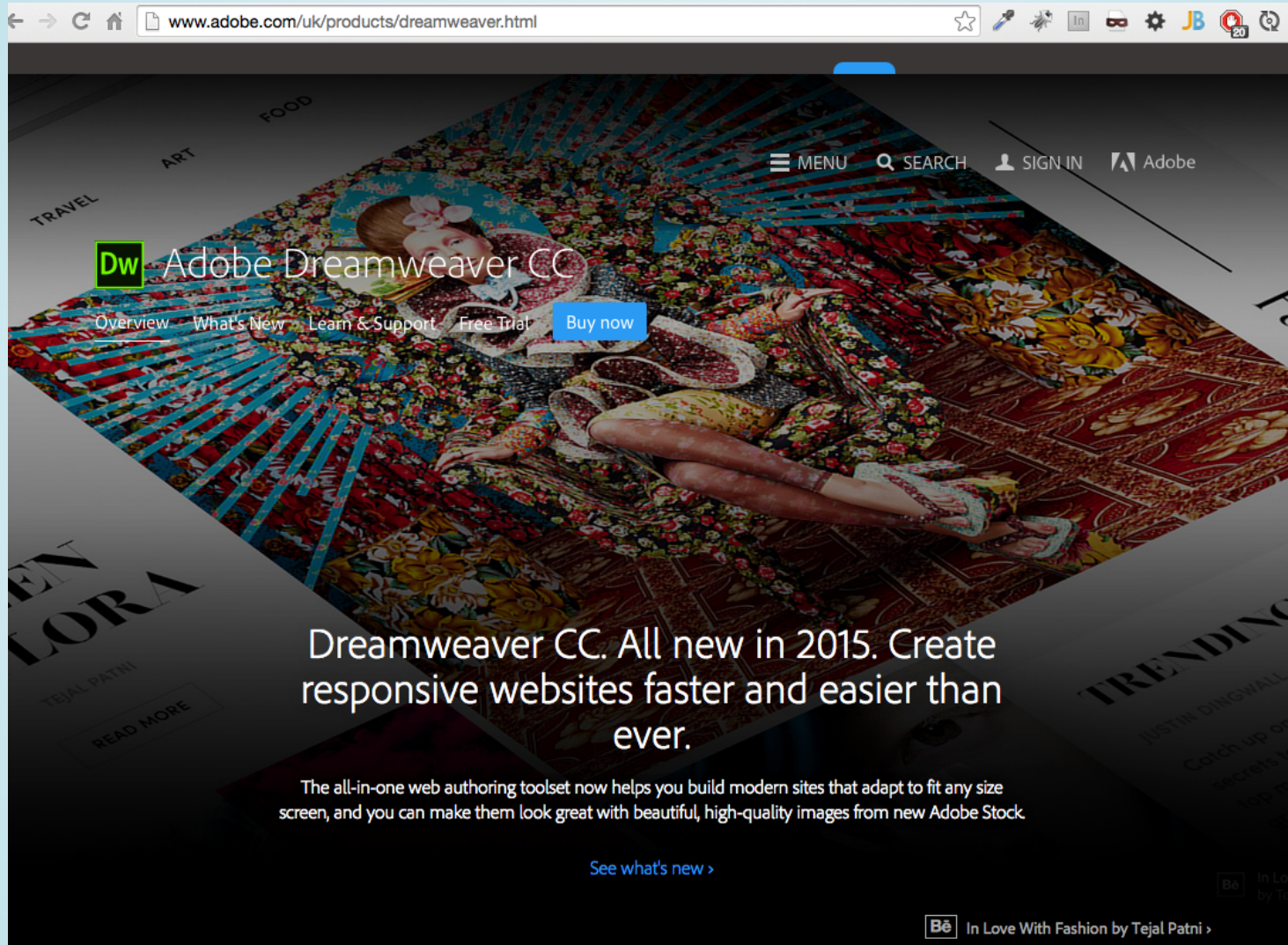
```
1 import sublime, sublime_plugin
2 import os.path
3
4 # Normal: Motions apply to all the characters they select
5 MOTION_MODE_NORMAL = 0
6 # Used in visual line mode: Motions are extended to BOL and EOL.
7 MOTION_MODE_LINE = 2
8
9 # Registers are used for clipboards and macro storage
10 g_registers = {}
11
12 # Represents the current input state. The primary commands that interact with
13 # this are:
14 # * set_action
15 # * set_motion
16 # * push_repeat_digit
17 class InputState:
18     prefix_repeat_digits = []
19     action_command = None
20     action_command_args = None
21     action_description = None
22     motion_repeat_digits = []
23     motion_command = None
24     motion_command_args = None
25     motion_mode = MOTION_MODE_NORMAL
26     motion_mode_overridden = False
```

The Command Palette gives fast access to functionality.
Here `⌘P` is used to show the Command Palette, "spsy" (short for Set Syntax: Python) is used to set the syntax of the current file to Python.

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- <http://www.sublimetext.com/>
- cheap
- supports many languages
- very flexible, plenty of plugins
- cross platform

DREAMWEAVER



← → ↺ ⌂ www.adobe.com/uk/products/dreamweaver.html ☆ ⚙️ 🌐 📄 ⚙️ JB 🔍 🔄

TRAVEL ART FOOD

MENU 🔍 SEARCH 👤 SIGN IN 🏠 Adobe

Dw Adobe Dreamweaver CC

[Overview](#) [What's New](#) [Learn & Support](#) [Free Trial](#) [Buy now](#)

EN LORA TEJAL PATNI READ MORE

DREAMWEAVER CC. All new in 2015. Create responsive websites faster and easier than ever.

The all-in-one web authoring toolset now helps you build modern sites that adapt to fit any size screen, and you can make them look great with beautiful, high-quality images from new Adobe Stock

[See what's new >](#)

Bé In Love With Fashion by Tejal Patni >

- <http://www.adobe.com/uk/products/dreamweaver.html>
- expensive
- code and design panel
- cross platform