jQuery

Introduction

- **What is jQuery**
- **Advantages of jQuery**

Getting Started

- **Downloading jQuery**

- **Including jQuery from CDN**

- **Creating Your First jQuery Powered Web Page**

jQuery Syntax

- **Standard jQuery Syntax**

jQuery Selectors

- **Selecting Elements with jQuery**
- **Selecting Elements by ID**
- **Selecting Elements by Class Name**
- **Selecting Elements by Name**
- **Selecting Elements by Attribute**
- **Selecting Elements by Compound CSS Selector**
- **jQuery Custom Selector**

jQuery Events

- **What are Events**

- **Mouse Events**
  - The click() Method
  - The dblclick() Method
  - The hover() Method
  - The mouseenter() Method
  - The mouseleave() Method

- **Keyboard Events**
  - The keypress() Method
  - The keydown() Method
  - The keyup() Method

- **Form Events**
  - The change() Method
  - The focus() Method
  - The blur() Method
  - The submit() Method
- **Document/Window Events**
  - The ready() Method
  - The resize() Method
  - The scroll() Method

jQuery Show and Hide Effects

- jQuery show() and hide() Methods
- jQuery toggle() Method

jQuery Fading Effects

- jQuery fadeIn() and fadeOut() Methods
- jQuery fadeToggle() Method
- jQuery fadeTo() Method

jQuery Sliding Effects

- jQuery slideUp() and slideDown() Methods
- jQuery slideToggle() Method

jQuery Animation Effects

- **jQuery animate() Method**
- **Animate Multiple Properties At Once**
- **Animate Multiple Properties One by One or Queued Animations**
- **Animate Properties with Relative Values**
- **Animate Properties with Pre-defined Values**

jQuery Stop Animations

- **jQuery stop() Method**
- **Creating Smooth Hover Effect**

jQuery Chaining

jQuery Callback

- **jQuery Callback Functions**

jQuery Getters & Setter

- **jQuery Get or Set Contents and Values**
- jQuery text() Method
  - Get Contents with text() Method
  - Set Contents with text() Method
- jQuery html() Method
  - Get HTML Contents with html() Method
  - Set HTML Contents with html() Method
- jQuery attr() Method
  - Get Attribute Value with attr() Method
  - Set Attributes with attr() Method
- jQuery val() Method
  - Get the Values of Form Fields with val() Method
  - Set the Values of Form Fields with val() Method

jQuery Insert Content

- **jQuery Insert New Content**
- jQuery append() Method
- jQuery prepend() Method
- Insert Multiple Elements with append() and prepend() Method
- jQuery before() Method
- jQuery after() Method
- Insert Multiple Elements with before() and after() Method
- jQuery wrap() Method

jQuery Remove Elements & Attribute

- **jQuery Remove Elements or Contents**
- jQuery empty() Method
- jQuery remove() Method
- jQuery unwrap() Method
- jQuery removeAttr() Method
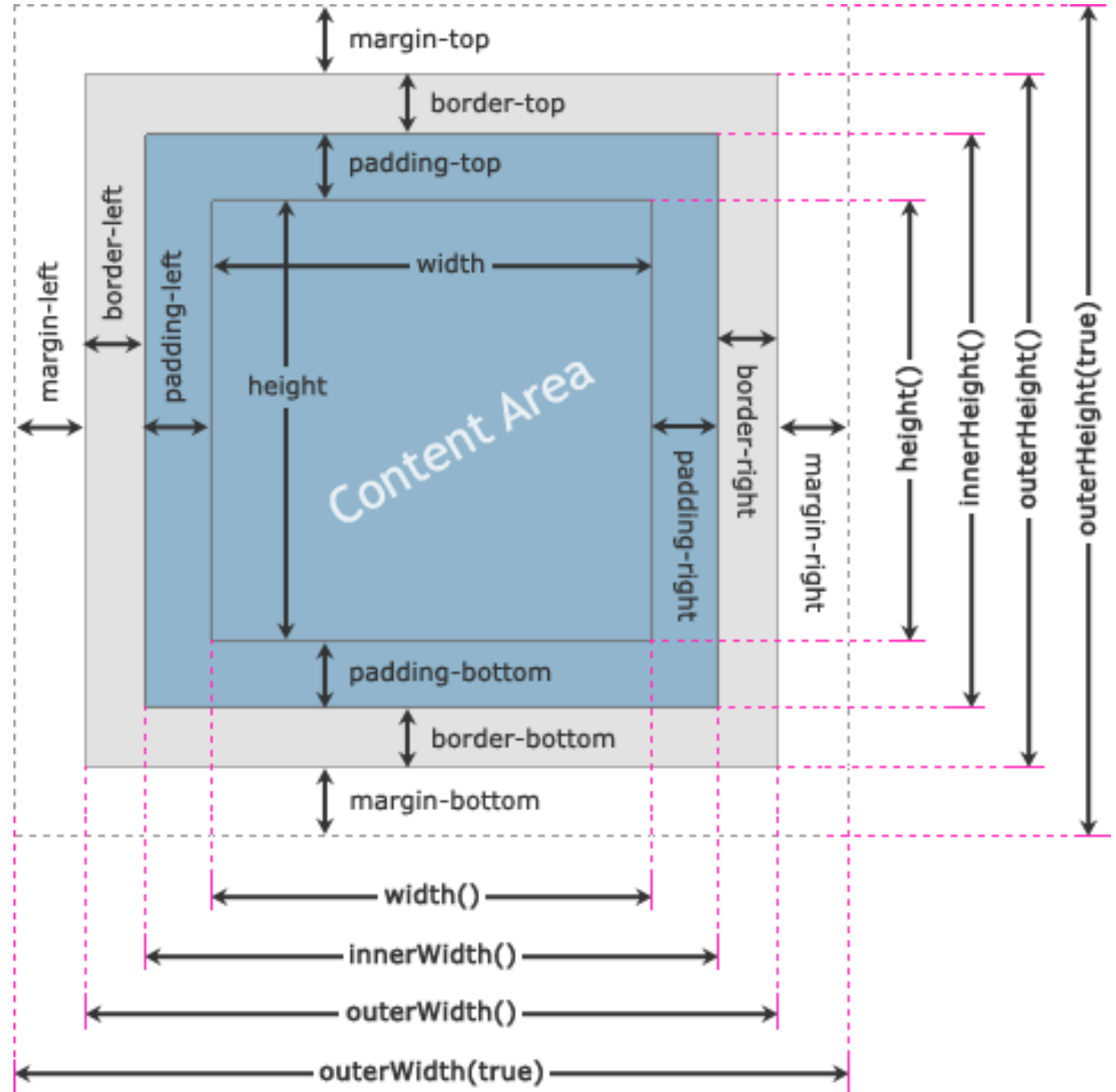
jQuery Add and Remove CSS Classes

- **jQuery CSS Classes Manipulation**

- jQuery addClass() Method

- jQuery removeClass() Method

- jQuery toggleClass() Method

jQuery Get and Set CSS Properties

- jQuery css() Method
- **Get a CSS Property Value**
- **Set a Single CSS Property and Value**
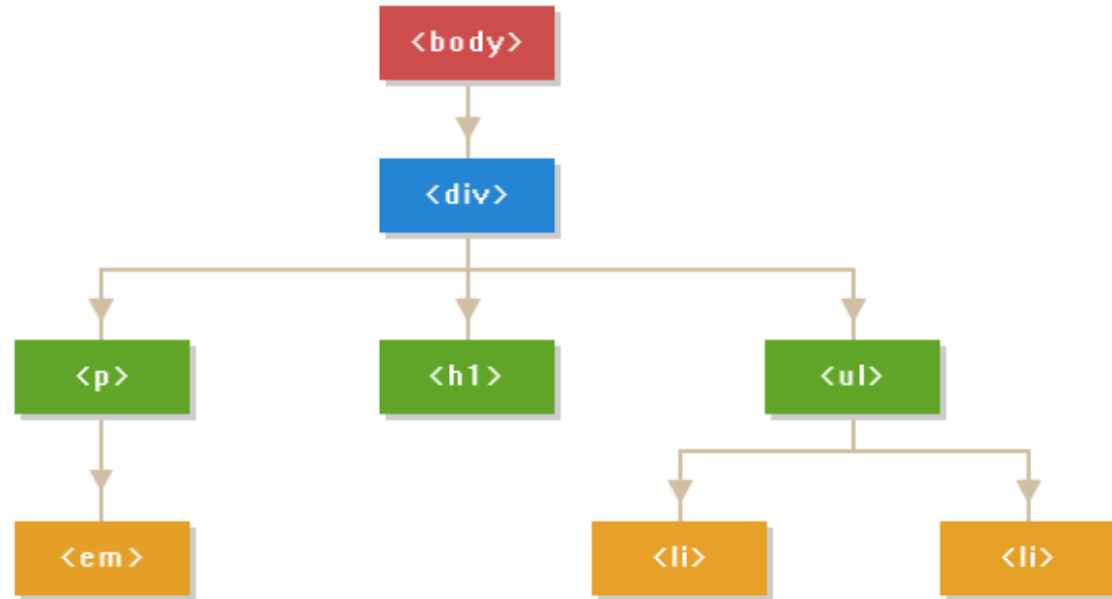- **Set Multiple CSS Properties and Values**

jQuery Dimensions

- **Understanding the jQuery Dimensions**

- **jQuery width() and height() Methods**

- **jQuery innerWidth() and innerHeight() Methods**

- **jQuery outerWidth() and outerHeight() Methods**

jQuery Traversing

- **What is Traversing**
- **Traversing the DOM Tree**

jQuery Traversing Ancestors

- **Traversing Up the DOM Tree**
- jQuery parent() Method
- jQuery parents() Method
- jQuery parentsUntil() Method

jQuery Traversing Descendants

- **Traversing Down the DOM Tree**
- jQuery children() Method
- jQuery find() Method

jQuery Traversing Siblings

- **Traversing Sideways in DOM Tree**
- jQuery siblings() Method
- jQuery next() Method
- jQuery nextAll() Method
- jQuery nextUntil() Method
- jQuery prev() Method
- jQuery prevAll() Method
- jQuery prevUntil() Method

jQuery Filtering

- **Filtering the Elements Selection**
- jQuery first() Method
- jQuery last() Method
- jQuery eq() Method
- jQuery filter() Method
- jQuery has() Method
- jQuery not() Method
- jQuery slice() Method

jQuery Ajax

- **What is Ajax**
- **Ajax with jQuery**

jQuery Ajax Load

- jQuery load() Method
- **Loading Page Fragments**

jQuery Ajax GET and POST Requests

- jQuery $.get() and $.post() Methods
- **Performing GET Request with AJAX using jQuery**
- **Performing POST Request with AJAX using jQuery**

jQuery No-Conflict Mode

- **Using jQuery with Other JavaScript Libraries**
- **jQuery noConflict() Method**
- **Including jQuery Before Other Libraries**