

HTML5 TUTORIAL

HTML5 Introduction

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HTML5 Headings

HTML5 Title

HTML5 Styles

HTML5 Canvas

HTML5 SVG

Tags in HTML5

!DOCTYPE Declaration

a tag

abbr tag

article tag

aside tag

bdi tag

canvas tag

datalist tag

details tag

figure tag

footer tag

header tag

main tag

mark tag

menuitem tag

meter tag

nav tag

output tag

section tag

summary tag

progress tag

time tag

Examples

HTML Basic Examples

HTML5 Features

HTML5 came with amazing new features to make it easier for developers to develop powerful websites. Here are some of the HTML5 features,

Newly introduced Semantic Elements

HTML5 came up with new semantic elements such as **<header>**, **<footer>**, **<article>**, and **<section>**.

Newly introduced Multimedia Elements

HTML5 came up with some new amazing multimedia elements such as **<audio>** and **<video>**. With these elements, you can add a video and audio on the web page without any hassles.

Newly introduced Graphic Elements

New graphic elements such as canvas and SVG have been introduced. With canvas, easily draw graphics on a web page. And with SVG, draw circles, boxes, polygon, rectangle, text etc with the methods. SVS is Scalable Vector Graphics.

For example, we can draw a rectangle with HTML 5 canvas element. We will discuss the below code and its tags later,

```
<!DOCTYPE html>
```

```
<html>
<body>
<h1>Rectangle with SVG</h1>
<svg width="500" height="150">
  <rect width="500" height="150" style="fill: #0000ff stroke-wi
</svg>

</body>
</html>
```

Here's the output showing the HTML web page,

Rectangle with SVG



New APIs introduced

HTML5 brought some new Application Programming Interfaces (APIs), such as Geolocation, Application cache, etc.

Application Cache

Application Cache allows the files to be available offline. The files are cached files and are made available to offline users.

Geolocation

The Geolocation API locates the geographical position of a user. This location is only available on users' approval.

Support for Browsers

HTML5 supports all new browsers and the latest versions of some popular browsers such as Google Chrome, Mozilla Firefox, Opera, etc. support HTML5 features.

Drag & Drop

With HTML5, you can use the drag and drop feature drag and drop object from one location to a different location on the same page.

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