

Skill Training

Frontend Advanced

Narasimha

Sr. Corporate Trainer, Mentor

Wee2 - Schedule

Day6 : Advanced JavaScript – ES6

Day7 : Async JavaScript

Day8 : jQuery Basics

Day9 : jQuery : AJAX, More....

Day10 : jQuery for Analytics

Day-8

jQuery Basics



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Index – Day8

jQuery Basics

- a. Features
- b. Editors
- c. Need of jQuery
- d. Setting up the environment
- e. Selectors and events



What is jQuery?


jQuery

jQuery.com


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jQuery

PluginsContributeEventsSupportJS Foundation



jQuery
write less, do more.




Your donations help fund the continued development and growth of jQuery.


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Lightweight Footprint
Only 30kB minified and gzipped. Can also be included as an AMD module



CSS3 Compliant
Supports CSS3 selectors to find elements as well as in style property manipulation



Cross-Browser
Chrome, Edge, Firefox, IE, Safari, Android, iOS, and more



Download jQuery
v3.6.1

The 1.x and 2.x branches no longer receive patches.

[View Source on GitHub →](#)

[How jQuery Works →](#)




John Resig is the *creator and developer* of the jQuery library. 2006

jQuery


jQuery.com

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What is jQuery?

jQuery is a fast, small, and feature-rich JavaScript library. It makes things like HTML document traversal and manipulation, event handling, animation, and Ajax much simpler with an easy-to-use API that works across a multitude of browsers. With a combination of versatility and extensibility, jQuery has changed the way that millions of people write JavaScript.

Resources

- [jQuery Core API Documentation](#)
- [jQuery Learning Center](#)
- [jQuery Blog](#)
- [Contribute to jQuery](#)

What is jQuery?

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jQuery Features

- DOM traversal
- DOM manipulation
- Event handling
- Animation
- Ajax



Setup the environment

Download jQuery | jQuery

jquery.com/download/

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jQuery

For help when upgrading jQuery, please see the [upgrade guide](#) most relevant to your version. We also recommend using the [jQuery Migrate plugin](#).

[Download the compressed, production jQuery 3.6.1](#)

[Download the uncompressed, development jQuery 3.6.1](#)

[Download the map file for jQuery 3.6.1](#)

You can also use the slim build, which excludes the [ajax](#) and [effects](#) modules:

[Download the compressed, production jQuery 3.6.1 slim build](#)

[Download the uncompressed, development jQuery 3.6.1 slim build](#)

[Download the map file for the jQuery 3.6.1 slim build](#)

[jQuery 3.6.1 blog post with release notes](#)

Setup environment

<https://code.jquery.com/jquery-3.6.1.min.js>

```
<script src="https://code.jquery.com/jquery-3.6.1.min.js">  
</script>
```


Setup environment

```
<script src="https://code.jquery.com/jquery-3.6.1.min.js">  
</script>
```

```
<script>  
  $(document).ready(function()  
  {  
    $("#p1").html("Hello World");  
  });  
</script>
```

Practice Hands-Ons



Event Handling

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jQuery Event Handling

- jQuery provides special methods to handle the events.
- It supports all events of html.
- Eg: click, change, mouseover etc..
- Types:
 - Static event handling
 - Dynamic event handling

Static Event Handling

Syntax: \$(selector).eventName(callback);

Eg: \$("#b1").click(callback);

 \$("#p1").mouseover(callback);

 \$("#select1").change (callback);

 \$(document).ready (callback);

Event Methods

- click
- dblclick
- change
- mouseover
- mouseout
- focus
- blur
- keypress
- keyup
- keydown
- submit
- unload
- ready

Dynamic Event Handling

```
$(selector).bind("eventname", callback);  
$(selector).unbind("eventname");
```

```
$("#div").bind("click", callback);  
$("#div").unbind("click");
```

Q & A



