

jQuery Interview Questions and Answers : 10 Commonly asked Questions

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I have been collecting interview questions and listing on this website. Which is becoming more and more popular day over day. I've

compiled a list of JQuery interview Questions and Answers that are most commonly asked.

It is an addition to our Front-end interview preparations suite; hope you will find this as helpful as our previous collections of interview questions.

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(1) What is jQuery and why it is used?

jQuery is a lightweight Javascript library which follows object oriented programming methodology and code re-usability. It is designed to make use of Javascript easier than before. Javascript simplifies all basic functions such as writing AJAX, DOM manipulation etc. jQuery contains an inbuilt library where you don't even have to write your own functions as it's already pre-written for you.

(2) What feature that jQuery library contains?

There are some features listed below that jQuery library contains :

- HTML event method
- HTML/DOM manipulation
- CSS manipulation
- AJAX
- Effects and animations
- Utilities

(3) How do you call jQuery library or write syntax to explain?

You can simply include jQuery library hosted over the Content Delivery Network. It's as simple as referencing and including an external JS file.

Here is a basic code as a reference :

```
<script  
src="http://ajax.googleapis.com/ajax/libs/jquery/1.11.2/jquery.min.js">  
</script>
```

Once you have it included, you can start calling functions to use utilities.

(4) What is the \$ symbol used in jQuery?

\$() symbol is
an alias of

jQuery(). \$() function is used to wrap any object into jQuery object, which then allows you to call various methods defined for the jQuery object.

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(6) What does \$(document).ready() function do? Explain the usage in detail.

jQuery can ensure to execute code when DOM is fully loaded. Which means HTML has been parsed and DOM tree has been constructed before your code is executed.

ready() function is used to accomplish that functionality. It makes sure that the document is fully loaded before executing the code further. The main advantage of \$(document).ready() is it works with all browsers. So cross-browser compatibility is not an issue.

Usage of `ready()` function is very popular and common practice, especially when you want to apply lazy loading so that the content is loaded first and then the rest of the elements. Websites can achieve user-friendliness by ensuring they load what users would look for first and reduce site content download time significantly.

(7) What is the difference between JavaScript `window.onload()` event and jQuery `ready()` functions?

I imagine you'd get this question as a follow up from the last question mentioned above.

jQuery `ready()` function only waits for the DOM tree to be loaded before executing the code. Whereas JavaScript `onload` event not only waits for DOM to be created but also waits for all external resources to load fully including heavy images, audios and videos etc. If loading images and other third party elements takes significant amount of time then user can experience significantly be impacted on execution of code defined in `window.onload` event.

For the reasons mentioned above jQuery `ready()` function is very well recommended over JavaScript `onload` event. However, there are valid use cases that justifies use of `onload` JS events.

(8) How can you add an HTML element within the DOM tree using jQuery?

You can add an HTML element into DOM tree using `appendTo()` method. This method adds or appends an HTML element as the name suggests at the end of a particular DOM tree.

(9) Explain the difference between `detach()` and `remove()` methods in jQuery?

Both `detach()` and `remove()` methods are used to remove a DOM elements. However, the major difference between them is that `detach()` is capable to keep track of the last element detached, so that it can be reattached.

(10) What does `each()` function do? Explain with an

example.

The each() method is used to specify a function to run for each matched element. .each() is a generic iterator function that can be used to seamlessly iterate over both objects and arrays.

```
$("#div").each(function(index, value) {  
  console.log('div' + index + ':' + $(this).attr('id'));  
});  
//will give you an console log output with the ids of every  
div on the web page
```

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