

jQuery & Drupal Interview Questions & Code Examples

Q: How to select an element by ID in jQuery?

```
A: ``js
$('#element_id');
...

```

Q: How to add a click event in jQuery?

```
A: ``js
$('#button').click(function() {
    alert('Button Clicked!');
});
...

```

Q: Difference between `.text()`, `.html()`, and `.val()`?

```
A: ``js
$('#element').text('Hello'); // Sets text content
$('#element').html('<b>Hello</b>'); // Sets HTML content
$('#input_field').val('New Value'); // Sets input value
...

```

Q: How to remove an element in jQuery?

```
A: ``js
$('#element').remove();
...

```

Q: How to empty an elements content in jQuery?

```
A: ``js
$('#element').empty();
...

```

Q: How to disable a button in jQuery?

```
A: ``js
$('#submit_button').prop('disabled', true);
...

```

Q: How to add a new class to an element?

```
A: ```js
$('#element').addClass('new-class');
```
```

**Q: How to check if an element exists in jQuery?**

```
A: ```js
if ($('#element').length) {
 console.log('Element exists');
}
```
```

Q: How to make an AJAX GET request in jQuery?

```
A: ```js
$.get('/api/data', function(response) {
  console.log(response);
});
```
```

**Q: How to make an AJAX POST request in jQuery?**

```
A: ```js
$.post('/api/data', {key: 'value'}, function(response) {
 console.log(response);
});
```
```

Q: How to attach JavaScript in Drupal using `#attached`?

```
A: ```php
$form['#attached']['library'][] = 'mymodule/custom_script';
```
```

**Q: How to pass PHP variables to JavaScript in Drupal?**

```
A: ```php
use Drupal\Core\Render\JsSettings;

drupal_add_js(['my_var' => 'value'], ['type' => 'setting']);
```
```

Q: How to override Drupal form using jQuery?

```
A: ``js
$(document).ready(function() {
    $('#edit-submit').val('Custom Submit');
});
...

```

Q: How to dynamically append content using jQuery?

```
A: ``js
$('#container').append('<p>New Content</p>');
...

```

Q: What is the difference between `.bind()`, `.on()`, and `.delegate()`?

```
A: ``js
$('#button').bind('click', function() {}); // Deprecated
$('#button').on('click', function() {}); // Recommended
$('#container').delegate('button', 'click', function() {}); // Older method
...

```

Q: How to use event delegation in jQuery?

```
A: ``js
$(document).on('click', '.dynamic-button', function() {
    alert('Clicked!');
});
...

```

Q: How to prevent multiple AJAX requests in jQuery?

```
A: ``js
var request;
$('#button').click(function() {
    if (request) request.abort();
    request = $.ajax({url: '/api/data'});
});
...

```

Q: How to create a custom block in Drupal 8?

```
A: ``php

```

```

namespace Drupal\mymodule\Plugin\Block;

use Drupal\Core\Block\BlockBase;

/**
 * @Block(
 *   id = "custom_block",
 *   admin_label = @Translation("Custom Block")
 * )
 */
class CustomBlock extends BlockBase {
  public function build() {
    return ['#markup' => t('Hello, Drupal!')];
  }
}
...

```

Q: How to disable cache for a particular page in Drupal?

A: ```php

```

$build['#cache'] = ['max-age' => 0];
...

```

Q: How to add JavaScript library in Drupal?

A: ```yaml

```

mymodule.library:
  js:
    js/custom.js: {}
  dependencies:
    - core/jquery
...

```