

Rendering HTML Attributes



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This type of rendering is used to add render attributes to specific HTML elements. For example, a widget can add a new `<div>` tag with a hardcoded "class" attribute or add a new `<a>` tag with hardcoded "target" and "rel" attributes. When used, you need to add `if` statements to check whether or not there are classes/target/rel attributed before adding them to the HTML tag. In addition, you need to escape user data with `esc_attr()` to improve security.

Elementor offers another way to add HTML attributes using the `add_render_attribute()` and `get_render_attribute_string()` methods.

Simple Widget Output

Let's look at a simple widget output:

```
<div id="" class="" role="" aria-label=""> ... </div>
```

PHP Render Attribute

Using the `render()` method, we can add attributes to the HTML tag using `add_render_attribute()`, retrieve the attributes using `get_render_attribute_string()`, and print attributes using `print_render_attribute_string()`:

```
<?php
protected function render(): void {
    $settings = $this->get_settings_for_display();
```

```

    $this->add_render_attribute(
        'wrapper',
        [
            'id' => 'custom-widget-id',
            'class' => [ 'custom-widget-wrapper-class', $settings['custom_class'] ],
            'role' => $settings['role'],
            'aria-label' => $settings['name'],
        ]
    );

    $this->add_render_attribute(
        'inner',
        [
            'class' => 'custom-widget-inner-class',
            'data-custom' => 'custom-widget-information',
        ]
    );
?>
<div <?php echo $this->get_render_attribute_string( 'wrapper' ); ?>
    <div <?php $this->print_render_attribute_string( 'inner' ); ?>
        ...
    </div>
</div>
<?php
}

```

JS Render Attribute

Using the `content_template()` method, we can add attributes to the HTML tag using `addRenderAttribute()`, and retrieve the attribute using `getRenderAttributeString()`:

```

<?php
protected function content_template(): void {
?>
<#
view.addRenderAttribute(
    'wrapper',
    {

```

```

    $id: 'custom-widget-id',
    $class: [ 'elementor-tab-title', settings.custom_class ],
    $role: settings.role,
    $aria-label: settings.name,
  }
);
$view->addRenderAttribute(
  'inner',
  {
    $class: 'custom-widget-inner-class',
    $data-custom: 'custom-widget-information',
  }
);
#>
<div {{{ $view->getRenderAttributeString( 'wrapper' ) }}}>
  <div {{{ $view->getRenderAttributeString( 'inner' ) }}}>
    ...
  </div>
</div>
<?php
}
```

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