

Enqueue Hooks

The **enqueue** category includes hooks used to add scripts, styles, and block assets to your WordPress site.

Load scripts, styles, and block assets **here.**



wp_enqueue_scripts

Fires on the frontend when scripts and styles should be enqueued.

```
<?php
add_action(
    'wp_enqueue_scripts',
    'my_enqueue_assets'
);
```

01

Frontend assets



admin_enqueue_scripts

Fires in the admin area when scripts and styles should be enqueued.

```
<?php
add_action(
    'admin_enqueue_scripts',
    'my_admin_assets'
);
```

02

Admin assets



script_loader_tag

Filters the <script> tag HTML for enqueued scripts.

```
<?php
add_filter(
    'script_loader_tag',
    'my_script_tag',
    10, 3
);
```

03

Modify script tag



enqueue_block_editor_assets

Fires when the block editor is loaded (Gutenberg).

```
<?php
add_action(
    'enqueue_block_editor_assets',
    'my_block_editor_assets'
);
```

04

Block editor assets



enqueue_block_assets

Fires when block assets are enqueued on the frontend.

```
<?php
add_action(
    'enqueue_block_assets',
    'my_block_assets'
);
```

05

Frontend block assets

4WP

4wp.dev/hooks/category/enqueue/

Enqueue smarter. Build better.

Use the right enqueue hooks to load your scripts, styles, and block assets at the right time.

wp_enqueue_scripts()

The `wp_enqueue_scripts` action hook is fired when scripts and styles are enqueued on the **front end**.

*Fired when WP is enqueueing scripts and styles on the **<front end>**.*



```
add_action( 'wp_enqueue_scripts',  
            'my_register_scripts' );  
Register Scripts
```



```
add_action( 'wp_enqueue_scripts',  
            'my_register_styles' );  
Register Styles
```



```
add_action( 'wp_enqueue_scripts',  
            'my_enqueue_google_fonts' );  
Enqueue Google Fonts
```



```
add_action( 'wp_enqueue_scripts',  
            'my_enqueue_assets' );  
Enqueue Assets
```



```
<!DOCTYPE html>  
<html <?php language_attributes(); ?>>  
<head>  
    ...  
    <?php wp_head(); ?>  
    ...  
</head>  
<body <?php body_class(); ?>>  
    ...  
</body>  
</html>
```



Enqueue assets the right way.

Add and manage scripts and styles on the front end with `wp_enqueue_scripts`.

admin_enqueue_scripts()

The `admin_enqueue_scripts` action hook is fired when enqueueing scripts and styles in the WordPress [admin area](#).

Use it to load [admin-specific](#) scripts, styles, and other assets only when needed.

Fired when enqueueing scripts and styles in the [admin area](#).



```
add_action( 'admin_enqueue_scripts',  
    'my_admin_scripts' );
```

Enqueue Admin Scripts



```
add_action( 'admin_enqueue_scripts',  
    'my_admin_styles' );
```

Enqueue Admin Styles



```
add_action( 'admin_enqueue_scripts',  
    'my_admin_fonts' );
```

Enqueue Admin Fonts



```
add_action( 'admin_enqueue_scripts',  
    'my_admin_assets' );
```

Enqueue Other Admin Assets

```
<?php  
add_action( 'admin_enqueue_scripts',  
    'my_admin_assets' );  
  
function my_admin_assets( $hook_suffix ) {  
    // Load assets only on specific admin  
    // pages to improve performance.  
    if ( $hook_suffix !== 'post.php' ) {  
        return;  
    }  
    // Enqueue script  
    wp_enqueue_script(  
        'my-admin-script',  
        plugins_url( 'js/admin.js', __FILE__ ),  
        array( 'jquery' ),  
        '1.0.0',  
        true  
    );  
}  
?>
```



Load admin assets the smart way.

Use `admin_enqueue_scripts` to conditionally load scripts, styles, and other assets in the WordPress [admin area](#).

enqueue_block_assets

The `enqueue_block_assets` action hook is fired **after** WordPress has determined which blocks are being used on the page. It's the right place to enqueue scripts and styles for your blocks, so they load only when needed – not on every page.

Fired when block assets are needed, so your scripts and styles only load on pages where blocks are used.



```
add_action( 'enqueue_block_assets',  
    'my_block_assets' );
```

Enqueue Block Assets



```
wp_enqueue_script( 'my-block-js',  
    plugins_url( 'block.js', __FILE__ ),  
    [ 'wp-blocks' ], '1.0' );
```

Enqueue Block Script



```
wp_enqueue_style( 'my-block-style',  
    plugins_url( 'block.css', __FILE__ ),  
    [], '1.0' );
```

Enqueue Block Style



```
wp_add_inline_script( 'my-block-js',  
    'console.log("Block assets loaded!");');
```

Add Inline Script

```
<?php  
add_action( 'enqueue_block_assets',  
    'my_block_assets' );  
  
function my_block_assets() {  
    // Enqueue block assets.  
    wp_enqueue_script( 'my-block-js',  
        plugins_url( 'block.js', __FILE__ ),  
        [ 'wp-blocks' ], '1.0' );  
  
    wp_enqueue_style( 'my-block-style',  
        plugins_url( 'block.css', __FILE__ ),  
        [], '1.0' );  
  
    // Add inline script if needed.  
    wp_add_inline_script( 'my-block-js',  
        'console.log("Block assets loaded!");' );  
}  
?>
```



4wp.dev/hooks/actions/enqueue_block_assets/

Load block assets on demand.

Use `enqueue_block_assets` to enqueue your block scripts and styles only when blocks are present on the page.

enqueue_block_editor_assets

The `enqueue_block_editor_assets` action hook is fired in the **block editor context** when WordPress is preparing to load assets for the editor. Use it to enqueue scripts and styles that should only load in the block editor, not on the front end.

*Fired when the block editor is loading assets, so you can add scripts and styles for the **editor only**.*



```
add_action( 'enqueue_block_editor_assets',  
    'my_editor_assets' );
```

Enqueue Editor Assets



```
wp_enqueue_style( 'my-editor-style',  
    plugins_url( 'editor.css', __FILE__ ) );
```

Enqueue Editor Styles



```
wp_enqueue_script( 'my-editor-script',  
    plugins_url( 'editor.js', __FILE__ ),  
    [ 'wp-blocks', 'wp-editor' ], '1.0' );
```

Enqueue Editor Scripts



```
wp_add_inline_script( 'my-editor-script',  
    'console.log("Editor ready!");' );
```

Add Inline Script

```
<?php  
add_action( 'enqueue_block_editor_assets',  
    'my_block_editor_assets' );  
  
function my_block_editor_assets() {  
    // Enqueue editor styles.  
    wp_enqueue_style( 'my-editor-style',  
        plugins_url( 'editor.css', __FILE__ ),  
        [], '1.0' );  
  
    // Enqueue editor scripts.  
    wp_enqueue_script( 'my-editor-script',  
        plugins_url( 'editor.js', __FILE__ ),  
        [ 'wp-blocks', 'wp-editor' ], '1.0' );  
}  
?>
```

Power up the block editor.

Use `enqueue_block_editor_assets` to load your editor-only assets and enhance the editing experience with custom scripts and styles.

WORDPRESS FILTERS

script_loader_tag

Filters the '`<script>`' tag for a script enqueued in WordPress. Allows you to modify attributes like '`defer`', '`async`', '`type`', and more.

 **Filter Hook** since 4.1.0



```
add_filter( 'script_loader_tag',  
'add_defer_to_scripts', 10, 2 );
```

Add defer attribute



```
add_filter( 'script_loader_tag',  
'add_async_to_scripts', 10, 2 );
```

Add async attribute



```
add_filter( 'script_loader_tag',  
'change_script_type', 10, 2 );
```

Change script type



```
add_filter( 'script_loader_tag',  
'add_module_type', 10, 2 );
```

Add type="module" attribute

Modify the script tag attributes here.

```
<!DOCTYPE html>  
<html <?php language_attributes(); ?>>  
<head>  
    <script src="/wp-content/theme.js"  
        defer></script>  
    ...  
</head>  
<body <?php body_class(); ?>>  
    ...  
</body>  
</html>
```

Adjust your `<script>` tag.

Add or modify attributes for enqueued scripts using the `script_loader_tag` filter.

4WP

4wp.dev/hooks/filters/script_loader_tag/