

WooCommerce Advanced Bulk Edit - Action Hooks

This document lists all action hooks available in the WooCommerce Advanced Bulk Edit plugin.

Bulk Save Operations

`wcabe_before_bulk_save`

Description: Fires before bulk save operations begin. This is useful for setting constants like `WP_IMPORTING` to prevent third-party plugins (like ElasticPress) from triggering reindexing during bulk operations.

Parameters: None

Location: `ajax_handler.php` - Beginning of `saveProducts()` function (line 3877)

Important: This hook fires **once per batch**, not once per bulk operation. For large bulk operations, the plugin processes products in batches (default: 50 products per batch), so this hook will fire multiple times during a single bulk edit operation - once for each batch being processed.

Example Usage:

```
// Set WP_IMPORTING constant to prevent third-party plugin reindexing
add_action('wcabe_before_bulk_save', function() {
    if (!defined('WP_IMPORTING')) {
        define('WP_IMPORTING', true);
    }
});
```

`wcabe_after_bulk_save`

Description: Fires after all bulk save operations complete. This can be used for cleanup after setting constants in the `wcabe_before_bulk_save` hook.

Parameters: None

Location: `ajax_handler.php` - After main product processing loop (line 5621)

Important: This hook fires **once per batch**, not once per bulk operation. It provides symmetry with `wcabe_before_bulk_save` - for every batch that begins processing, this hook fires when that batch completes.

Example Usage:

```
// Optional cleanup after bulk save operations
add_action('wcabe_after_bulk_save', function() {
    // Perform any cleanup operations if needed
});
```

```

        error_log('Bulk save operations completed');
    });

```

Product Save Operations

wcabe__product__save__completed

Description: Fires after each individual product save is completed during bulk operations.

Parameters: - \$ID (int) - The product ID that was saved

Location: ajax_handler.php - After individual product save

Example Usage:

```

// Log each product save
add_action('wcabe_product_save_completed', function($product_id) {
    error_log('Product ID ' . $product_id . ' saved successfully');
});

```

w3exabe__post__data__changed

Description: Fires when post data is changed during bulk operations.

Parameters: - \$ID (int) - The product ID - \$i (mixed) - Iterator/index value
- \$Row (mixed) - Row data

Location: ajax_handler.php - During post data processing

Example Usage:

```

// Track post data changes
add_action('w3exabe_post_data_changed', function($id, $i, $row) {
    error_log('Post data changed for product ID: ' . $id);
}, 10, 3);

```

Filter Hooks

wcabe__mac__before__saving__product__in__wcabe

Description: Filter to modify the product object before saving in WCABE.

Parameters: - \$theproduct (WC_Product) - The product object

Returns: Modified WC_Product object

Location: ajax_handler.php - Before product save

Example Usage:

```

// Modify product before saving
add_filter('wcabe_mac_before_saving_product_in_wcabe', function($product) {
    // Modify product properties
}

```

```
        return $product;
    });
```

Common Use Cases

ElasticPress Integration

To prevent ElasticPress from reindexing during bulk operations (which can cause timeouts), use:

```
add_action('wcabe_before_bulk_save', function() {
    if (!defined('WP_IMPORTING')) {
        define('WP_IMPORTING', true);
    }
});
```

Custom Logging

To log bulk operations:

```
add_action('wcabe_before_bulk_save', function() {
    error_log('Starting bulk save operation at ' . current_time('mysql'));
});

add_action('wcabe_after_bulk_save', function() {
    error_log('Completed bulk save operation at ' . current_time('mysql'));
});
```

Third-Party Plugin Integration

To integrate with other plugins during bulk operations:

```
add_action('wcabe_before_bulk_save', function() {
    // Disable other plugin features during bulk save
    remove_action('save_post', 'some_plugin_function');
});

add_action('wcabe_after_bulk_save', function() {
    // Re-enable other plugin features after bulk save
    add_action('save_post', 'some_plugin_function');
});
```