Developer Hooks, Filters and URL Reference

Developers · https://wpfactory.com/docs/order-status-rules-developer-hooks-filters/

Scheduled & Automatic Order Status Controller for WooCommerce exposes filters and actions so you can adjust rule matching, the values used in conditions, and the orders query in code, without editing plugin files. All hooks use the `alg_wc_order_status_rules_` prefix. The order status change history is stored in the order meta key `_alg_wc_order_status_change_history`.

Value and matching filters

Filter	Filtered value	Arguments
`alg_wc_order_status_rules_do_apply_rule`	Whether a rule applies to an order (boolean)	`$result, $order, $rule_id, $args`
`alg_wc_order_status_rules_order_amount`	Order amount used in min/max amount checks	`$amount, $options, $rule_id, $order, $condition_id`
`alg_wc_order_status_rules_order_quantity`	Order item count used in min/max quantity checks	`$quantity, $options, $rule_id, $order`
`alg_wc_order_status_rules_check_dates_order_date`	Order date used in the created-before/after checks	`$date_created, $options, $rule_id, $order`

Force a rule to apply (or skip) in code

```
add_filter( 'alg_wc_order_status_rules_do_apply_rule', function ( $result, $order, $rule_id, $args ) {
    // Never auto-cancel orders paid with a specific gateway, for rule #1.
    if ( 1 === (int) $rule_id && 'my_gateway' === $order->get_payment_method() ) {
```

```
        return false;
    }
    return $result;
}, 10, 4 );
```

Orders query filters

These affect periodical processing, URL processing and the "Run all rules now" tool.

- `alg_wc_order_status_rules_wc_get_orders_args` - arguments `$args, $core`. Filters the `wc_get_orders()` query array (status, orderby, order, type, limit).
- `alg_wc_order_status_rules_wc_get_orders` - arguments `$order_ids, $core`. Filters the resulting list of order IDs before processing.

Options-list filters

These extend the option choices shown in the Advanced settings. Each is passed its default option array.

- `alg_wc_order_status_rules_hooks` - the "Process rules on" choices.
- `alg_wc_order_status_rules_status_change_hooks` - the "Save status change on" choices.
- `alg_wc_order_status_rules_status_functions` - the "Statuses" source functions.

Priority filters

- `alg_wc_order_status_rules_hooks_priority` - arguments `$priority, $hook`. Default `10`. Sets the priority the rule-processing callback attaches at.
- `alg_wc_order_status_rules_status_change_hooks_priority` - arguments `$priority, $hook`. Default `1`. Sets the priority the history-tracking callback attaches at.

Pro / internal filters

- `alg_wc_order_status_rules_rules_total` - arguments `$value`. The number of rules. The Pro plugin hooks this to allow more than one; on the free plugin it stays at `1`.
- `alg_wc_order_status_rules_settings` - internal gate used to make the "Total rules" field editable in Pro. Not intended for store customization.

Actions

Action	Fires when	Arguments
`alg_wc_order_status_rules_before_rule_applied`	Just before a matching rule changes the status	`$order, $rule_id, $args, $core`
`alg_wc_order_status_rules_after_rule_applied`	Just after a matching rule changes the status	`$order, $rule_id, $args, $core`
`alg_wc_order_status_rules_after_save_settings`	After the plugin settings are saved	(none)
`alg_wc_order_status_rules_shop_order_screen`	On the admin order edit screen, when that hook is selected in "Process rules on"	`$order_id`
`alg_wc_order_status_rules_shop_subscription_screen`	On the admin subscription edit screen, when that hook is selected	`$order_id`
`alg_wc_order_status_rules_process_rules`	The scheduled event (WP Cron and Action Scheduler use this)	(scheduler args)

Run custom code after a rule changes a status

```
add_action( 'alg_wc_order_status_rules_after_rule_applied', function ( $order, $rule_id, $args, $core ) {
    // Notify an external system that order #{$order->get_id()} was updated by rule #{$rule_id}.
}, 10, 4 );
```

Processing rules via URL

When **Allow rules processing via URL** is enabled in the **Advanced** section, visiting a front-end URL with the `alg_wc_order_status_rules_process_rules` query parameter processes all rules. This is an

alternative to WP Cron when you use a real server cron job.

```
https://example.com/?alg_wc_order_status_rules_process_rules
```

Add the optional `alg_wc_order_status_rules_process_rules_redirect` parameter to redirect after processing:

```
https://example.com/?alg_wc_order_status_rules_process_rules&alg_wc_order_status_rules_process_rules_redirect=https://example.com/wp-admin/
```

> **Note:** the URL trigger is not authenticated. Treat it as a semi-public endpoint and avoid exposing it where it could be called repeatedly by untrusted visitors.

Deprecated hook

The settings-saved action was renamed in version 2.0.0. Use `alg_wc_order_status_rules_after_save_settings`. The old name `alg_wc_order_status_after_save_settings` (without `rules`) no longer fires.

Need help?

If you are extending Order Status Rules and a hook does not behave as expected, contact our team on the support forum with the hook name and a short code sample.



ORDER STATUS RULES

See every feature and the pricing on the Order Status Rules plugin page.

View plugin →

Related articles

- Order Status Rule Conditions Reference
- Order Status History Placeholders Reference