

How do I set a custom item quantity totalizer for shipping rates?

Shipping rates can define a custom item quantity totalizer to control how item quantities are calculated when determining whether a rate is applicable.

For example, you may want sample products to be excluded from the item quantity used when evaluating quantity-based shipping rules.

First, define a setting on the variant:

```
\Aero\Catalog\Models\Variant::settings(function (\Aero\Common\Settings\ModelSettingGroup $group) {  
    $group->boolean('is_sample')->default(false);  
});
```

The `setItemQuantityTotalizer` method can then exclude sample products when calculating the total quantity:

```
\Aero\Cart\Models\ShippingRate::setItemQuantityTotalizer(function ($items) {  
    return $items  
        ->reject(function (\Aero\Cart\Models\OrderItem $item) {  
            return $item->buyable->setting('is_sample');  
        })  
        ->sum('quantity');  
});
```

The totalizer receives the order items and the shipping rate as parameters and should return the total quantity of the items or `null`.

Returning `null` means that the default item quantity totalizer will be used.

Parameters

Parameter	Type	Description
<code>\$items</code>	<code>\Aero\Common\Eloquent\JavaScriptableCollection</code>	The order items being evaluated.
<code>\$rate</code>	<code>\Aero\Cart\Models\ShippingRate</code>	The shipping rate being evaluated.

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