

How to Programmatically Create Attribute Type Drop Down in Magento 2?

This blog post is the 2nd of our “Magento 2 Attribute Creation” blog series, you will now learn how to programmatically create attribute type drop down in Magento 2. If you have not read first blog post “[How to Add an Attribute in Magento 2?](#)” yet, we strongly recommend you to do so.

To Programmatically Create Attribute Type Drop Down in Magento 2, you need to follow the coding structure as mentioned below:

```
$eavSetup->addAttribute(  
  
\Magento\Catalog\Model\Product::ENTITY,  
  
'image_label',  
  
[  
  
'group' => 'General',  
  
'type' => 'int',  
  
'backend' => '',  
  
'frontend' => '',  
  
'label' => 'Select image label',  
  
'input' => 'select',  
  
'class' => '',  
  
'source' => 'Eecom\TestMod\Model\Config\Source\Options',
```

```
'global' =>
\Magento\Catalog\Model\ResourceModel\Eav\Attribute::SCOPE_GLOBAL,

'visible' => true,

'required' => true,

'user_defined' => false,

'default' => '',

'searchable' => false,

'filterable' => false,

'comparable' => false,

'visible_on_front' => false,

'used_in_product_listing' => true,

'unique' => false

]

);
```

Source for dropdown will be 'Eecom\TestMod\Model\Config\Source\Options', where you have to create the options array for a dropdown.

Eecom -> Namespace

TestMod -> your module

Options.php

<?php

```
namespace Eecom\TestMod\Model\Config\Source;
```

```
use
Magento\Eav\Model\ResourceModel\Entity\Attribute\OptionFactory
;

use Magento\Framework\DB\Ddl\Table;

/**
 * Custom Attribute Renderer
 */

class Options extends
\Magento\Eav\Model\Entity\Attribute\Source\AbstractSource
{
/**
 * @var OptionFactory
 */
protected $optionFactory;

/**
 * @param OptionFactory $optionFactory
 */

/**
 * Get all options
 *
 * @return array
 */
}
```

```
public function getAllOptions()
{
/* your Attribute options list*/
$this->_options=[ ['label'=>'Select Options', 'value'=>''],
['label'=>'Bestsellers', 'value'=>'0'],
['label'=>'Newest', 'value'=>'1'],
['label'=>'Hot', 'value'=>'2'],
['label'=>'Favourite', 'value'=>'3']
];
return $this->_options;
}
}
}
```

We recommend you to keep an eye on our next upcoming Magento 2 related blog posts to take your Magento 2 competence to the next level.