

Cookbook - CMS filters and SKU selections

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Overview SaaS 3.7.0+

Providing customers with easy to navigate select option is crucial in driving conversions. In catalogs with varied product assortment it bring a challenge as there could be alternative representations apart from "textual options" that can be more effective. For example consider "colour". It is much easier to depict colour as colour boxes which actually depict that colour rather than having a textual representation. Talking on the subject of colour it is also worth to note that number of options could extend into millions. Usually customers when shop only interested in "main colours" palette and therefore not the challenge is not only depicting colour boxes to ease selection but also no narrow selection options.

The configuration of such complex scenarios is already solved in the platform's [PIM](#), so this article will only focus on configuration of the UI through CMS in order to achieve customisation that is required at the presentation layer.

This cookbook aims to provide working examples in the following key areas:

- Filter navigation blocks (category listing and search pages)
- SKU selection (product details page for multi SKU)
- SKU options selection (product details for composite products with optional components)

Examples

Filter navigation

For configuring a filter navigation template please consult [product type](#) and [filter navigation](#) documentation.

1. In the product type attribute configuration type template you want to use for given filter block, for example "color_map".
2. Create a new content include with URI "SHOP10_variant_ProductsNavBlock_color_map". Note the prefix "SHOP10" is the shop code and suffix "color_map" matches our chosen template name.
3. Clear shop cache
4. Paste the snippet provided in block below (Content body for ProductsNavBlock_color_map, use expand button to view full listing) into content body and navigate to a category that uses given product type for attribute navigation

Content body for ProductsNavBlock_color_map

```
<%

// [SHOP_CODE]_variant_ProductsNavBlock_color_map use 'color_map' as
template in product type attributes template

def _filteredNavBlock = binding.hasVariable('filteredNavBlock') ?
filteredNavBlock : null;
// int _filteredNavBlockLimit =
binding.hasVariable('filteredNavBlockLimit') ? filteredNavBlockLimit : 25;
```

```
if (_filteredNavBlock != null) {

// Color mapping from _filteredNavBlockValue.value to RGB
def _colors = [
'black': '#000000',
'night': '#0c090a',
'gunmetal': '#2c3539',
'midnight': '#2b1b17',
'charcoal': '#34282c',
'darkslategrey': '#25383c',
'oil': '#3b3131',
'blackcat': '#413839',
'iridium': '#3d3c3a',
'blackeel': '#463e3f',
'blackcow': '#4c4646',
'graywolf': '#504a4b',
'vampiregray': '#565051',
'graydolphin': '#5c5858',
'carbongray': '#625d5d',
'ashgray': '#666362',
'cloudygray': '#6d6968',
'smokeygray': '#726e6d',
'gray': '#736f6e',
'granite': '#837e7c',
'battleshipgray': '#848482',
'graycloud': '#b6b6b4',
'graygoose': '#d1d0ce',
'platinum': '#e5e4e2',
'metallicsilver': '#bcc6cc',
'blue': '#0000ff',
'bluegray': '#98afc7',
'lightslategray': '#6d7b8d',
'slategray': '#657383',
'jetgray': '#616d7e',
'mistblue': '#646d7e',
'marbleblue': '#566d7e',
'slateblue': '#737ca1',
'steelblue': '#4863a0',
'bluejay': '#2b547e',
'darkslateblue': '#2b3856',
'midnightblue': '#151b54',
'navyblue': '#000080',
'bluewhale': '#342d7e',
'lapisblue': '#15317e',
'denimdarkblue': '#151b8d',
'earthblue': '#0000a0',
'cobaltblue': '#0020c2',
'blueberryblue': '#0041c2',
'sapphireblue': '#2554c7',
'blueeyes': '#1569c7',
'royalblue': '#2b60de',
'blueorchid': '#1f45fc',
'bluelotus': '#6960ec',
```

'lightslateblue': '#736aff',
'windowsblue': '#357ec7',
'glacialblueice': '#368bc1',
'silkbblue': '#488ac7',
'blueivy': '#3090c7',
'bluekoi': '#659ec7',
'columbiablue': '#87afc7',
'babyblue': '#95b9c7',
'lightsteelblue': '#728fce',
'oceanblue': '#2b65ec',
'blueribbon': '#306eff',
'bluedress': '#157dec',
'dodgerblue': '#1589ff',
'cornflowerblue': '#6495ed',
'skyblue': '#6698ff',
'butterflyblue': '#38acec',
'iceberg': '#56a5ec',
'crystalblue': '#5cb3ff',
'deepskyblue': '#3bb9ff',
'denimblue': '#79baec',
'lightskyblue': '#82cafa',
'dayskyblue': '#82caff',
'jeansblue': '#a0cfec',
'blueangel': '#b7ceec',
'pastelblue': '#b4cfec',
'seablue': '#c2dfff',
'powderblue': '#c6deff',
'coralblue': '#afdcec',
'lightblue': '#addfff',
'robineggblue': '#bdedff',
'paleblueelily': '#cfecec',
'lightcyan': '#e0ffff',
'water': '#ebf4fa',
'aliceblue': '#f0f8ff',
'azure': '#f0ffff',
'lightslate': '#ccffff',
'lightaquamarine': '#93ffe8',
'electricblue': '#9afeff',
'aquamarine': '#7fffd4',
'cyanoraqua': '#00ffff',
'tronblue': '#7dfdfc',
'bluezircon': '#57feff',
'blueagoon': '#8eebec',
'celeste': '#50ebec',
'bluediamond': '#4ee2ec',
'tiffanyblue': '#81d8d0',
'cyanopaque': '#92c7c7',
'bluehosta': '#77bfc7',
'northernlightsblue': '#78c7c7',
'mediumturquoise': '#48cccd',
'turquoise': '#43c6db',
'jellyfish': '#46c7c7',
'bluegreen': '#7bccb5',

'macawbluegreen': '#43bfc7',
'lightseagreen': '#3ea99f',
'darkturquoise': '#3b9c9c',
'seaturtlegreen': '#438d80',
'mediumaquamarine': '#348781',
'greenishblue': '#307d7e',
'grayishturquoise': '#5e7d7e',
'beetlegreen': '#4c787e',
'teal': '#008080',
'seagreen': '#4e8975',
'camouflagegreen': '#78866b',
'sagegreen': '#848b79',
'hazलगreen': '#617c58',
'venomgreen': '#728c00',
'ferngreen': '#667c26',
'darkforestgreen': '#254117',
'mediumseagreen': '#306754',
'mediumforestgreen': '#347235',
'seaweedgreen': '#437c17',
'pinegreen': '#387c44',
'junglegreen': '#347c2c',
'shamrockgreen': '#347c17',
'mediumspringgreen': '#348017',
'forestgreen': '#4e9258',
'greenonion': '#6aa121',
'springgreen': '#4aa02c',
'limegreen': '#41a317',
'clovergreen': '#3ea055',
'greensnake': '#6cbb3c',
'aliengreen': '#6cc417',
'greenapple': '#4cc417',
'yellowgreen': '#52d017',
'kellygreen': '#4cc552',
'zombiegreen': '#54c571',
'froggreen': '#99c68e',
'greenpeas': '#89c35c',
'dollarbillgreen': '#85bb65',
'darkseagreen': '#8bb381',
'iguanagreen': '#9cb071',
'avocadogreen': '#b2c248',
'pistachiogreen': '#9dc209',
'saladgreen': '#a1c935',
'hummingbirdgreen': '#7fe817',
'nebulagreen': '#59e817',
'stoplightgogreen': '#57e964',
'algaegreen': '#64e986',
'jadegreen': '#5efb6e',
'green': '#00ff00',
'emeraldgreen': '#5fffb17',
'lawngreen': '#87f717',
'chartreuse': '#8afb17',
'dragongreen': '#6afb92',
'mintgreen': '#98ff98',

'greenthumb': '#b5eaaa',
'lightjade': '#c3fdb8',
'teagreen': '#ccfb5d',
'greenyellow': '#b1fb17',
'slimegreen': '#bce954',
'goldenrod': '#edda74',
'harvestgold': '#ede275',
'sunnyyellow': '#ffe87c',
'yellow': '#ffff00',
'cornyellow': '#fff380',
'parchment': '#ffffc2',
'cream': '#ffffcc',
'lemonchiffon': '#fff8c6',
'cornsilk': '#fff8dc',
'beige': '#f5f5dc',
'blonde': '#fbf6d9',
'antiquewhite': '#faebd7',
'champagne': '#f7e7ce',
'blanchedalmond': '#ffe4cd',
'vanilla': '#f3e5ab',
'tanbrown': '#e6c0b6',
'peach': '#ffe5b4',
'mustard': '#ffdab9',
'rubberduckyellow': '#ffd801',
'brightgold': '#fdd017',
'goldenbrown': '#eac117',
'macaroniandcheese': '#f2bb66',
'saffron': '#fbb917',
'beer': '#fbb117',
'cantaloupe': '#ffa62f',
'beeyellow': '#e9ab17',
'brownsugar': '#e2a76f',
'burlywood': '#deb887',
'deeppeach': '#ffcba4',
'gingerbrown': '#c9be62',
'schoolbusyellow': '#e8a317',
'sandybrown': '#e9964d',
'fallleafbrown': '#c8b560',
'orangegold': '#d4a017',
'sand': '#c2b280',
'cookiebrown': '#c7a317',
'caramel': '#c68e17',
'brass': '#b5a642',
'khaki': '#ada96e',
'camelbrown': '#c19a6b',
'bronze': '#cd7f32',
'tigerorange': '#c88141',
'cinnamon': '#c58917',
'bulletshell': '#af9b60',
'darkgoldenrod': '#af7817',
'copper': '#b87333',
'wood': '#966f33',
'oakbrown': '#806517',

'moccasin': '#827839',
'armybrown': '#827b60',
'sandstone': '#786d5f',
'mocha': '#493d26',
'taupe': '#483c32',
'coffee': '#6f4e37',
'brownbear': '#835c3b',
'reddirt': '#7f5217',
'sepia': '#7f462c',
'orangesalmon': '#c47451',
'rust': '#c36241',
'redfox': '#c35817',
'chocolate': '#c85a17',
'sedona': '#cc6600',
'papayaorange': '#e56717',
'halloweenorange': '#e66c2c',
'pumpkinorange': '#f87217',
'constructionconeorange': '#f87431;',
'sunriseorange': '#e67451',
'mangoorange': '#ff8040;',
'darkorange': '#f88017',
'coral': '#ff7f50',
'basketballorange': '#f88158',
'lightsalmon': '#f9966b',
'tangerine': '#e78a61',
'darksalmon': '#e18b6b',
'lightcoral': '#e77471',
'beanred': '#f75d59',
'valentinered': '#e55451',
'shockingorange': '#e55b3c',
'red': '#ff0000',
'scarlet': '#ff2400',
'rubyred': '#f62217',
'ferrari-red': '#f70d1a',
'fireengine-red': '#f62817',
'lavared': '#e42217',
'lovered': '#e41b17',
'grapefruit': '#dc381f',
'chestnutred': '#c34a2c',
'cherryred': '#c24641',
'mahogany': '#c04000',
'chillipepper': '#c11b17',
'cranberry': '#9f000f',
'redwine': '#990012',
'burgundy': '#8c001a',
'chestnut': '#954535',
'bloodred': '#7e3517',
'sienna': '#8a4117',
'sangria': '#7e3817',
'firebrick': '#800517',
'maroon': '#810541',
'plumpie': '#7d0541',
'velvetmaroon': '#7e354d',

'plumvelvet': '#7d0552',
'rosyfinch': '#7f4e52',
'puce': '#7f5a58',
'dullpurple': '#7f525d',
'rosybrown': '#b38481',
'khakirose': '#c5908e',
'pinkbow': '#c48189',
'lipstickpink': '#c48793',
'rose': '#e8adaa',
'rosegold': '#ecc5c0',
'desertsand': '#edc9af',
'pigpink': '#fdd7e4',
'cottoncandy': '#fcdfff',
'pinkbubblegum': '#ffdfdd',
'mistyrose': '#fbbbbb9',
'pink': '#faafbe',
'lightpink': '#faafba',
'flamingopink': '#f9a7b0',
'pinkrose': '#e7a1b0',
'pinkdaisy': '#e799a3',
'cadillacpink': '#e38aae',
'carnationpink': '#f778a1;',
'blushred': '#e56e94',
'hotpink': '#f660ab',
'watermelonpink': '#fc6c85',
'violetred': '#f6358a',
'deeppink': '#f52887',
'pinkcupcake': '#e45e9d',
'pinklemonade': '#e4287c',
'neonpink': '#f535aa',
'magenta': '#ff00ff',
'dimorphothecamagenta': '#e3319d',
'brightneonpink': '#f433ff',
'palevioletred': '#d16587',
'tulippink': '#c25a7c',
'mediumvioletred': '#ca226b',
'roguepink': '#c12869',
'burntpink': '#c12267',
'bashfulpink': '#c25283',
'darkcarnationpink': '#c12283',
'plum': '#b93b8f',
'violapurple': '#7e587e',
'purpleiris': '#571b7e',
'plumpurple': '#583759',
'indigo': '#4b0082',
'purplemonster': '#461b7e',
'purplehaze': '#4e387e',
'eggplant': '#614051',
'grape': '#5e5a80',
'purplejam': '#6a287e',
'darkorchid': '#7d1b7e',
'purpleflower': '#a74ac7',
'mediumorchid': '#b048b5',

```

'purpleamethyst': '#6c2dc7',
'darkviolet': '#842dce',
'violet': '#8d38c9',
'purplesagebush': '#7a5dc7',
'lovelypurple': '#7f38ec',
'purple': '#8e35ef',
'aztechpurple': '#893bff',
'mediumpurple': '#8467d7',
'jasminepurple': '#a23bec',
'purpledaffodil': '#b041ff',
'tyrianpurple': '#c45aec',
'crocuspurple': '#9172ec',
'purplemimosa': '#9e7bff',
'heliotropepurple': '#d462ff',
'crimson': '#e238ec',
'purpledragon': '#c38ec7',
'lilac': '#c8a2c8',
'blushpink': '#e6a9ec',
'mauve': '#e0b0ff',
'wisteriapurple': '#c6aec7',
'blossompink': '#f9b7ff',
'thistle': '#d2b9d3',
'periwinkle': '#d9cfec',
'lavenderpinocchio': '#ebdde2',
'lavenderblue': '#e3e4fa',
'pearl': '#fdeef4',
'seashell': '#fff5ee',
'milkwhite': '#fefcff',
'white': '#ffffff',
'gold': '#eea236',
'silver': '#bcc6cc',

```

```

/* Demo data specific */

```

```

'aluminium,gold': '#bcc6cc',
'black,blue': '#265a88',
'black,brown': '#835c3b',
'black,graphite': '#c7a317',
'black,graphite,metallic': '#c7a317',
'black,white': '#bcc6cc',
'black,silver': '#bcc6cc',
'black,grey': '#bcc6cc',
'grey,silver': '#bcc6cc',
];

```

```

%><div class="filter-nav-holder">

```

```

    <h2>${(_filteredNavBlock.displayName != null ?
_filteredNavBlock.displayName : _filteredNavBlock.name)}</h2>

```

```

    <div class="single-nav-block single-nav-block-color"><%

```

```

def _fnValuesToDisplay = _filteredNavBlock.fnValues; // No
macroFilterNavUtils.cutTheTail(_filteredNavBlock.fnValues,
_filteredNavBlockLimit);
def _multi = 'M'.equals(_filteredNavBlock.navigationType);

_fnValuesToDisplay.each { _filteredNavBlockValue ->

    def _base = filteredURL('');
    def _path = '/' + _filteredNavBlock.code + '/' +
encodeURIComponent(_filteredNavBlockValue.value);
    def _selected = _multi && _base.contains(_path);

    def _href;
    if (_selected) {
        _href = _base.replace(_path, '').replace('///', '/');
    } else {
        _href = (_base + _path).replace('///', '/');
    }

    %><span>
    <a rel="search"
        data-filtercode="${_filteredNavBlock.code}"
data-filtervalue="${_filteredNavBlockValue.value}"
        href="${_href}"
        title="${(_filteredNavBlockValue.displayValue ?
_filteredNavBlockValue.displayValue : _filteredNavBlockValue.value)
            + ' (' + _filteredNavBlockValue.count
+ ')'}">

        <%

            def _color =
_colors[_filteredNavBlockValue.value.replace(" ", "").toLowerCase()];
            if (_color) {
                if ('#ffffff'.equals(_color)) {
                    if (_selected) {
                        %><i class="fa fa-check-square-o
fa-2x" style="color:#000000" aria-hidden="true"></i><%
                    } else {
                        %><i class="fa fa-square-o fa-2x"
style="color:#000000" aria-hidden="true"></i><%
                    }
                } else {
                    if (_selected) {
                        %><i class="fa fa-check-square fa-2x"
style="color:${_color}" aria-hidden="true"></i><%
                    } else {
                        %><i class="fa fa-square fa-2x"
style="color:${_color}" aria-hidden="true"></i><%
                    }
                }
            }
        }
    }

```

```
        } else {
            %><i class="fa fa-question-circle fa-2x"
aria-hidden="true"></i><%
        }
        %>
        </a>
    </span>
    <%
    }
```

```

        %></div>
    </div><%
} %>

```

Snippet above achieves two goals:

1. Defines colour map (_colors) and then uses this map to convert product attributes values (_filteredNavBlockValue.value) to create an RGB colour that can be used in style attribute.
2. Converts textual product attribute values (colour in this case) into a visual form as a colour box

Attributes

Name	Color of product
Rank	0
Visible	☒
Similarity	☐
Store value in index	☐
Value is searchable	☒
Value is primary key (exact matches)	☐
Value is navigatable	☐
Filter template	Multi

color_map

Cancel Change

Content / SHOP10

Main Localization Templates **SEO** CMS Attributes/Images

URI

/content/ SHOP10_variant_ProductsNavBlock_color_map

Window title

default value

Intel HM86 2

Intel HM87 3

Intel QM87 1

Intel SoC 2

Color of product

Display diagonal

Multi SKU selector

For configuring product data please consult [PIM](#) documentation.

1. Ensure that you set the "VARIATIONATTRIBUTES" on you product if you want multi select or if you want to force selection controls to be visible
2. Create content in CMS with the following URI: "SHOP10_variant_SkuListViewDim_13320". Note the prefix "SHOP10" is the shop code and suffix "13320" that must match the attribute code on which we distinguish SKU variations.
3. Clear shop cache
4. Paste the snippet provided in block below (Content body for SkuListViewDim_13320, use expand button to view full listing) into content body and navigate to the product details page.

Content body for SkuListViewDim_13320

```
<%

// [SHOP_CODE]_variant_SkuListViewDim_13320 used for '13320', which is
// simple value and shows as a text box + value name hint

def _sku = binding.hasVariable('sku') ? sku : null;
def _fc = binding.hasVariable('fc') ? fc : null;
def _variations = binding.hasVariable('variations') ? variations : [];
def _variations_opts = binding.hasVariable('variationsOptions') ?
variationsOptions : [:];
def _dim = binding.hasVariable('variationDimension') ? variationDimension :
null;
def _selection = binding.hasVariable('variationSelection') ?
variationSelection : [:];
def _variation_attrs = binding.hasVariable('variationAttributes') ?
variationAttributes : [:];

if (_dim != null) {

    def _lang = sf.locale;
    def _multi_dimension = _variations.size() > 1;

    if (_multi_dimension) {
        def _attr = _variation_attrs[_dim];
        def _attrName = _dim;
        if (_attr != null) {
            _attrName = _attr.getLocalName(_lang);
        }

        %><div class="product-detail-sku-list-dim-name"
data-dim="${_dim}">${_attrName}</div><%

    }

    %><div class="product-detail-sku-list-dim" data-dim="${_dim}"><%

        def _dim_opts = _variations_opts[_dim];
```

```

if (_multi_dimension) { // group SKU by attribute value

    _dim_opts.each { _opt, _skuItems ->

        def _skuItem = _skuItems[0];
        def _active = false;
        for (def _skuItemCandidate : _skuItems) {
            if (_sku.skuId == _skuItemCandidate.skuId) {
                _active = true;
                _skuItem = _skuItemCandidate;
                break;
            }
        }

        def _code = sf.useManufacturerSku ?
_skuItem.manufacturerCode : _skuItem.code;
        def _name = _skuItem.getLocalName(_lang); // use SKU name
as dimension name by default
        def _val = _code;

        def _currentVal = _skuItem.getAttribute(_dim);
        if (_currentVal != null) {
            _val = _currentVal.val;
            _name = _currentVal.getLocalVal(_lang); // set
attribute as dimension name
        }

        %>
        <span class="${(_active ? 'active sku-variant-box' :
'sku-variant-box')}">
            <a rel="bookmark" href="${skuURL([_fc, _skuItem.uri])}"
title="${_name}" data-dim="${_dim}" data-dim-value="${_val}">
                <span>${_name}</span>
            </a>
        </span>

    <%

        }

    } else { // render all

        _dim_opts.each { _opt, _skuItems ->

            for (def _skuItem : _skuItems) {

                def _code = sf.useManufacturerSku ?
_skuItem.manufacturerCode : _skuItem.code;
                def _name = _skuItem.getLocalName(_lang); // use SKU
name as dimension name by default
                def _val = _code;
                def _active = _sku.skuId == _skuItem.skuId;

                def _currentVal = _skuItem.getAttribute(_dim);

```

```

        if (_currentVal != null) {
            _val = _currentVal.val;
            _name = _currentVal.getLocalVal(_lang); // set
attribute as dimension name
        }

        %>
        <span class="${(_active ? 'active sku-variant-box' :
'sku-variant-box')}">
            <a rel="bookmark" href="${skuURL([_fc,
_skuItem.uri])}" title="${_name}" data-dim="${_dim}"
data-dim-value="${_val}">
                <span>${_name}</span>
            </a>
        </span>
    <%

        }

    }

}
%></div><%

```

```
} %>
```

Snippet above achieves the following:

1. Determines from the runtime variables whether given product is multi dimensional variant (i.e. multiple attributes define the choice of SKU).
2. Converts textual product attribute values (number of touch points in this case) into a visual form as a selectable box

Products / Mini Mouse M187

Main Localization SKU Templates SEO Search Index External Attributes/Images Catalog Associations Components/Parts

Attribute ↓ Type Value

VARIATIONATTRIBUTES	Variation Attributes	CommaSeparatedList	1766,13320
---------------------	----------------------	--------------------	------------

Content / SHOP10 / Color Map Filter

Main Localization Templates SEO CMS Attributes/Images

URI

/content/ SHOP10_variant_SkuListViewDim_13320

Window title

default value

New

M187 Blue

Code 910-002-743

Color of product

360° TouchControl

3 4 2 1

Logitech

+ Share |

Another example of selector that is used by default. This selector renders SKU IMAGE0 thumbnails in order to depict distinct SKU under this multi SKU product. This works best with products that have distinctly different colours.

Product options selector

For configuring product data please consult [PIM](#) documentation.

1. Ensure that you set the components and options on you product with relevant SKU configurations.
2. Create content in CMS with the following URI: "SHOP10_variant_SkuOptionsDim_OPTMOUSE". Note the prefix "SHOP10" is the shop code and suffix "OPTMOUSE" that must match the attribute code which is used for the option definition.
3. Clear shop cache
4. Paste the snippet provided in block below (Content body for SkuOptionsDim_OPTMOUSE, use expand button to view full listing) into content body and navigate to to the product details page.

Content body for SkuOptionsDim_OPTMOUSE

```
<%

// [SHOP_CODE]_variant_SkuOptionsDim_OPTMOUSE used for 'OPTMOUSE', which
show a SKU thumbnail + value name hint

def _skus = binding.hasVariable('product') ? product.skus : null;
def _sku = binding.hasVariable('sku') ? sku : null;
def _fc = binding.hasVariable('fc') ? fc : null;
def _optionsModel = binding.hasVariable('optionsModel') ? optionsModel :
null;
def _optionsModelItem = binding.hasVariable('optionsModelItem') ?
optionsModelItem : null;

if (_optionsModelItem != null) {

    def _lang = sf.locale;
    def _optionName = _optionsModelItem.getLocalName(_lang);

    %><div class="product-detail-sku-options-option-name"
data-option="${_optionsModelItem.attributeCode}">${_optionName}</div><%

    %><div class="product-detail-sku-options-option"
data-option="${_optionsModelItem.attributeCode}"><%

        _optionsModelItem.optionSku.each { _skuItem ->

            def _code = sf.useManufacturerSku ? _skuItem.manufacturerCode :
_skuItem.code;
            def _name = _skuItem.getLocalName(_lang);
            def _val = _skuItem.code;

            def _skuImage = _skuItem.images != null &&
_skuItem.images.size() > 0 ? _skuItem.images[0].thumbnailUrl : null;

            %>
            <span class="sku-option-img">
                <a
                    class="js-buy-option"
                    href="#"
                    title="${_name}"
                    data-product="${_sku?.code}"
```

```

data-option="${_optionsModelItem.attributeCode}"
data-optionqty="${_optionsModelItem.quantity}"

data-optionrequired="${_optionsModelItem.mandatory}"
data-optionvalue="${_val}">

    <script
type='yc-include'>/internal/skubuypanel?skuId=${_skuItem.skuId}&fc=${_fc}&
itemQuantity=${_optionsModelItem.quantity}&view=SkuBuyPanelOption</script>
<%
        if (_skuImage) {
            %><%
        } else {
            %><span>${(_code + ' ' + _name)}</span><%
        }
    %>
        </a>
    </span>
<%
    }
    %></div><%

```

```
} %>
```

Snippet above achieves the following:

1. Determines from the runtime variables whether given SKU has options for given attribute code.
2. Renders options as image thumbnails for SKU that can be selected
3. Uses "yc-include" to pull in a "span" with data attributes for current price of the option (this is used by default JavaScript that updates the enabled/disabled state of the "Add to cart" button and also updates the total price)

Products / 15-r017dx

Navigation icons: Back, Copy, Add, Edit, Delete, Refresh, Undo, Redo.

Main Localization SKU Templates SEO Search Index External Attributes/Images Catalog Associations Components/Parts

Search bar: ? [List Icon] [Filter Icon]

Code	Rank ↓	Mandatory	SKU	Quantity	Options
OPTMOUSE	0	✓		1.000	910-002-741 M187 Black 910-002-742 M187 Red 910-002-743 M187 Blue 910-002-744 M187 White
11884	1	✗		2.000	701423-L31 701423-L31 920-007132 K400 Plus 920-007131 K400 Plus

Annotations:

- Mouse option for this laptop (points to OPTMOUSE)
- Keyboard option for this laptop (points to 11884)

Content / SHOP10

The screenshot shows the Magento Admin interface for editing a product's SEO settings. The 'URI' field is highlighted with a red dashed box, and a red arrow points from the 'URI' label to the box. The URI is '/content/SHOP10_variant_SkuOptionsDim_OPTMOUSE'. The 'Window title' field is also visible below the URI field.

15-r017dx

Code G9D75UA

Option: Mouse

2 x AAA Ni-MH batteries



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