

Designer

```
//SvcPlugin_demo_demoEchartsdemo
vsPluginComponentModule.factory('$vcPlugin_demo_demoFilterWidget',
['$vsPluginRegister', '$timeout', function ($vsPluginRegister, $timeout) {

    var factory = {

        //[]
        showDataCategory: true,
        //[]
        showBorderCategory: true,
        //[]
        showBasicCategory: true,
        //[]
        showFixedCategory: true,
        //[]
        showEventCategory: true,
        //[]
        showTitleCategory: false,
        //[]
        showThresholdCategory: false,

        /* */
        init: function(scope, element, component, $compile){
            scope.element = element;
            scope.component = component;
            //
            component.config.pageFilter = true;
            //1
            scope.component.config.chartDimensionCount = 1;
            component.config.selectedItem = null;
            //
            if(component.config.inited == null){
                component.config.inited = true;
                component.config.itemHeight = 40;
            }
            component.config.itemLineHeight = 40;
            //
            component.config.itemBgColor = "#ffffff";
            component.config.itemFontColor = "#333333";
            //
            component.config.selectedItemBgColor = "#2990EA";
            component.config.selectedItemFontColor = "#ffffff";
        }
    }
});
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    },

    /*
    *
    */
    buildDataDescription: function(dataDescription, scope, element,
component, $compile){
        //
        scope.$on(event_refreshComponentData, function(target, param){
            //
            if(param.component != null && scope.component.id ===
param.component.id){
                return;
            }

            scope.queryComponentData(param, {
                onSuccess: function(){
                    refreshChartView(scope, element, component,
$compile);
                }
            });
        });

        /*
        *
        * component.config.pageFiltertrue
        */
        scope.component.context.getPageFilter = function(){
            var result = [];
            if(component.config.selectedItem != null){
                //
                var value = component.config.selectedItem.value
                if(value != null && value !== vsLang.heji){
                    result.push({
                        column: scope.getLastDimension().name,
                        exp: "=",
                        value: value
                    });
                }
            }
            return result;
        }

        //
        scope.onItemClicked = function(){
            var value = component.config.selectedItem.value;
            //
            scope.cacheDimensionValue(scope.getLastDimension().name, value);
            $timeout(function(){
                scope.notifyDimensionValueFilterEvent({
                    queryConditionDimensions: true
                });
            });
        });
    }

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    }

    },

    /*
    *
    */
    buildChartDescription: function(scope, element, component,
$compile, $sce){

        scope.isSelectedItem = function(item){
            return component.config.selectedItem != null && ""+item.value ===
""+component.config.selectedItem.value;
        }

        scope.getItemStyle = function(item){
            if(scope.isSelectedItem(item)){
                return {
                    'background-color':component.config.selectedItemBgColor,
                    'color': component.config.selectedItemFontColor
                }
            }else{
                return {
                    'background-color':component.config.itemBgColor,
                    'color': component.config.itemFontColor
                }
            }
        }

    }

    var html = [];
    html.push("<div
style='height:100%;overflow-x:auto;overflow-y:hidden;'>");
    html.push(" <div ng-show='component.config.datasourceConfig.dimensions
== null' style='height:100%;width:100%;display:table;'>");
    html.push(" <div
style='text-align:center;background-color:#f0f0f0;vertical-align:middle;di
splay:table-cell;cursor:pointer;'>");
    html.push(" ");
    html.push("</div>");
    html.push("</div>");
    html.push(" <div ng-show='component.config.datasourceConfig.dimensions
!= null' style='height:100%;width:100%;display:table;'>");
    html.push(" <div
style='vertical-align:middle;display:table-cell;text-align:center;cursor:p
ointer;word-break: keep-all;white-space:nowrap;'
ng-style=\"getItemStyle(item)\" ng-repeat='item in
component.config.optionItems track by $index'
ng-model='component.config.selectedItem' ng-click='onItemClicked()'
uib-btn-radio=\"item\">");
    html.push(" {{item.label}}");
    html.push("</div>");
    html.push("</div>");

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html.push("</div>");

var el = $compile(html.join("))( scope );
element.html(el);

{
  //
      var categoryDesc = {
        name: "unselected",
        title: "",
        groups: []
      };

    categoryDesc.groups.push({
      name: "itemBg",
      title: {
        text: ""
      },
      elements: [{
        title: "",
        type: "colorpicker",
        bind: "itemBgColor"
      }]
    });

    categoryDesc.groups.push({
      name: "itemText",
      title: {
        text: ""
      },
      elements: [{
        title: "",
        type: "configSlide",
        bind: "itemFontSize",
        config: {
          slideEnd: 100
        }
      }, {
        title: "",
        type: "colorpicker",
        bind: "itemFontColor"
      }]
    });

    component.description.categories.push(categoryDesc);
  }

  {
    //
      var categoryDesc = {
        name: "selected",
        title: "",

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        groups: []
    };

    categoryDesc.groups.push({
        name: "itemBg",
        title: {
            text: ""
        },
        elements: [{
            title: "",
            type: "colorpicker",
            bind: "selectedItemBgColor"
        }]
    });

    categoryDesc.groups.push({
        name: "itemText",
        title: {
            text: ""
        },
        elements: [{
            title: "",
            type: "configSlide",
            bind: "selectedItemFontSize",
            config: {
                slideEnd: 100
            }
        }, {
            title: "",
            type: "colorpicker",
            bind: "selectedItemFontColor"
        }]
    });

    component.description.categories.push(categoryDesc);
}
}
};

var buildSettingDescription = function(scope, element, component,
$compile){
    //[]
    var category = {
        name: "setting",
        title: "",
        groups: []
    };
    component.description.categories.push(category);

    category.groups.push({
        name: "text",
        title: {

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        text: ""
    },
    elements: [{
        title: "",
        type: "text-area",
        bind: "content"
    }]
});
category.groups.push({
    name: "font",
    title: {
        text: vsLang.font
    },
    elements: [{
        title: "",
        type: "configSlide",
        bind: "fontSize",
        config: {
            slideStart: 10,
            slideEnd: 100
        }
    }, {
        title: "",
        type: "horizontal-align",
        bind: "textAlign"
    }, {
        title: "",
        type: "colorpicker",
        bind: "color"
    }]
});

}

//
var refreshChartView = function(scope, element, component, $compile){
    var dimensions = component.config.datasourceConfig.dimensions;
    //context
var data = component.context.data;
//
var initValue = scope.parseInitValue();
//
var optionItems = [];
//
var selectedItem = null;
//
for(var i = 0; i < data.length; i++){
    var value = data[i][dimensions[dimensions.length-1].name];
    var item = {
        label: ""+value,
        value: ""+value
    };
    //'', "All"

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        if(value != null && value === vsLang.heji){
            //
            item.label =
scope.getDimensionSummaryAlias(dimensions[dimensions.length-1].name);
        }
        optionItems.push(item);
    }
    //
    if(initValue != null && component.context.first_render_init_value ==
null){
        component.context.first_render_init_value = initValue;
        selectedItem = {
            value: initValue,
            label: initValue
        };
    }else{
        //
        var cachedSelectedValue =
scope.getCachedDimensionValue(dimensions[dimensions.length-1].name);
        for(var i = 0; i < optionItems.length; i++){
            if(""+optionItems[i].value === ""+cachedSelectedValue){
                selectedItem = optionItems[i];
                break;
            }
        }
    }
    scope.component.config.optionItems = optionItems;
    //
    if(selectedItem == null && optionItems.length > 0){
        selectedItem = optionItems[0];
    }
    component.config.selectedItem = selectedItem;
    //
    scope.cacheDimensionValue(dimensions[dimensions.length-1].name,
selectedItem == null ? null : selectedItem.value);
    };

    //"demo"

```

```
$vsPluginRegister.register("demo", "demoFilterWidget", factory);  
}]);
```

View

```
//  
var build_demoFilterWidget_component = function(scope, element, $compile,  
$timeout){  
  
    var component = scope.component;  
  
    component.config.selectedItem = null;  
  
    scope.isSelectedItem = function(item){  
        return component.config.selectedItem != null && ""+item.value ===  
""+component.config.selectedItem.value;  
    }  
  
    scope.getItemStyle = function(item){  
        if(scope.isSelectedItem(item)){  
            return {  
                'background-color':component.config.selectedItemBgColor,  
                'color': component.config.selectedItemFontColor  
            }  
        }else{  
            return {  
                'background-color':component.config.itemBgColor,  
                'color': component.config.itemFontColor  
            }  
        }  
    }  
  
    }  
  
    var html = [];  
    html.push("<div style='height:100%;overflow-x:auto;overflow-y:hidden;'>");  
    html.push(" <div ng-show='component.config.datasourceConfig.dimensions ==  
null' style='height:100%;width:100%;display:table;'>");  
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style='text-align:center;background-color:#f0f0f0;vertical-align:middle;di  
splay:table-cell;cursor:pointer;'>");  
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    html.push(" <div ng-show='component.config.datasourceConfig.dimensions !=
null' style='height:100%;width:100%;display:table;'>");
    html.push(" <div
style='vertical-align:middle;display:table-cell;text-align:center;cursor:p
ointer;word-break: keep-all;white-space:nowrap;'
ng-style=\"getItemStyle(item)\" ng-repeat='item in
component.config.optionItems track by $index'
ng-model='component.config.selectedItem' ng-click='onItemClicked()'
uib-btn-radio=\"item\">");
    html.push("    {{item.label}}");
    html.push(" </div>");
    html.push(" </div>");
    html.push("</div>");

var el = $compile(html.join("))( scope );
element.html(el);

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    //context
var data = component.context.data;
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var initValue = scope.parseInitValue();
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var optionItems = [];
//
var selectedItem = null;
//
for(var i = 0; i < data.length; i++){
    var value = data[i][dimensions[dimensions.length-1].name];
    var item = {
        label: ""+value,
        value: ""+value
    };
    //'', "All"
    if(value != null && value === vsLang.heji){
        //
        item.label =
scope.getDimensionSummaryAlias(dimensions[dimensions.length-1].name);
    }
    optionItems.push(item);
}
//
if(initValue != null && component.context.first_render_init_value ==
null){
    component.context.first_render_init_value = initValue;
    selectedItem = {
        value: initValue,
        label: initValue
    };
}else{
    //

```

```

    var cachedSelectedValue =
scope.getCachedDimensionValue(dimensions[dimensions.length-1].name);
    for(var i = 0; i < optionItems.length; i++){
        if(""+optionItems[i].value === ""+cachedSelectedValue){
            selectedItem = optionItems[i];
            break;
        }
    }
}
scope.component.config.optionItems = optionItems;
//
if(selectedItem == null && optionItems.length > 0){
    selectedItem = optionItems[0];
}
component.config.selectedItem = selectedItem;
//
scope.cacheDimensionValue(dimensions[dimensions.length-1].name,
selectedItem == null ? null : selectedItem.value);
};

//
scope.$on(event_refreshComponentData, function(target, param){
    //
    if(param.component != null && scope.component.id ===
param.component.id){
        return;
    }
    scope.queryComponentData(param, {
        onSuccess: function(){
            refreshChartView(scope, element, component, $compile);
        }
    });
});

/*
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 * component.config.pageFiltertrue
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scope.component.context.getPageFilter = function(){
var result = [];
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    var value = component.config.selectedItem.value
    if(value != null && value !== vsLang.heji){
        result.push({
            column: scope.getLastDimension().name,
            exp: "=",
            value: value
        });
    }
}
}
return result;
}

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//
scope.onItemClicked = function(){
  var value = component.config.selectedItem.value;
  //
  scope.cacheDimensionValue(scope.getLastDimension().name, value);
  scope.notifyDimensionValueFilterEvent({
    queryConditionDimensions: true
  });
};
```

}

}