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grasppe = eval("(function (w) {'use strict'; if (typeof w.grasppe !== 'function') w.grasppe = class grasppe{constructor(){};}(this)); grasppe");

(function (window, grasppe, undefined) {
  'use strict';

  grasppe.require(grasppe.load.status.initialize, function () {

    grasppe.ColorSheetsApp.ScreeningDemo = {
      ScreeningDemo: {
        stage: {},
        parameters: {},
        results: {},
        overview: {},
        directives: {
          // !- ScreeningDemo [Directives] colorSheetStage
          colorSheetStage: grasppe.Libre.Directive.define('colorSheetStage', function () {
            return {
              controller: ['$scope', '$element', '$mdToast', '$mdDialog', function ($scope, element, $mdToast, $mdDialog) {
                $scope.$watchCollection('parameters', function (value, last, $scope) {
                  console.log('Parameters changed %o', value);
                });
              }],
              template: ('<color-sheets-panel-body>\n
                <canvas flex class="color-sheets-stage-canvas" style="max-width: 100%; max-height: 100%; min-height: 50vh; border: 1px solid
                  rgba(0,0,0,0.05)"></canvas>\n
                </color-sheets-panel-body>'),
            }
          }),
          // !- ScreeningDemo [Directives] colorSheetParameters
          colorSheetParameters: grasppe.Libre.Directive.define('colorSheetParameters', function () {
            return {
              template: ('<color-sheets-panel-body>\n
                <color-sheets-slider-control id="spi-slider" label="Addressability" description="Spot per inch imaging resolution."
                  minimum="0" maximum="4800" step="10" value="1200" suffix="spi" model="spi"></color-sheets-slider-control>\n
                <color-sheets-slider-control id="lpi-slider" label="Resolution" description="Lines per inch screening resolution."
                  minimum="0" maximum="300" step="1" value="125" suffix="lpi" model="lpi"></color-sheets-slider-control>\n
                <color-sheets-slider-control id="theta-slider" label="Angle" description="Screening angle resolution." minimum="0"
                  maximum="180" step="0.5" value="45" suffix="°" model="theta"></color-sheets-slider-control>\n
                <color-sheets-image-control id="source-image" label="Image" description="Image to be screened." suffix="" model="image"></
                  color-sheets-image-control>\n
                </color-sheets-panel-body>'),
            }
          }),
          // !- ScreeningDemo [Directives] colorSheetResults
          colorSheetResults: grasppe.Libre.Directive.define('colorSheetResults', function () {
            return {
              controller: ['$scope', '$element', '$mdToast', '$mdDialog', '$sce', function ($scope, element, $mdToast, $mdDialog, $sce) {
                $scope.$watchCollection('parameters', function (value, last, $scope) {
                  // console.log('Parameters changed %o', value);
                  $scope.results = {
                    parameters: Object.assign([], {
                      title: 'Parameters'
                    })
                  };
                  for (var key in $scope.parameters) $scope.results.parameters.push([key, function textFormat(value){
                    var output = '' + value;
                    if (output.length>100) output = '...';
                    return output;
                  }($scope.parameters[key])]);
                }
              }],
              template: ('<color-sheets-panel-body ><color-sheets-table class="color-sheets-results-table" ng-cloak>\n
                <color-sheets-table-section ng-repeat="section in results" style="margin-top: 0.125em;">\n
                <color-sheets-table-section-header style="padding: 0.125em 0.5em; border-bottom: 1px solid
                  rgba(0,0,0,0.25)">{{section.title}}</color-sheets-table-section-header>\n
                <color-sheets-table-row ng-repeat="row in section">\n
                <color-sheets-table-column ng-repeat="column in row" style="padding: 0.125em 0.5em;">{{column}}</color-sheets-table-
                  column>\n
                </color-sheets-table-row>\n
                </color-sheets-table-section>\n
                </color-sheets-table></color-sheets-panel-body>'),
            }
          }),
          // !- ScreeningDemo [Directives] colorSheetsStyles
          colorSheetsStyles: grasppe.Libre.Directive.define('colorSheetsStyles', {
            template: '<style ng-init="\n
              panelHeaderHeight= \'36px\';\n
              mainHeaderHeight= \'48px\';\n
              @media all {\n
                /* !- ColorSheetsApp [Styles] Body */\n
                }\n
              @media screen {\n
                }\n
              @media print {\n
                }\n
              }\n
            </style>',
          })
        }
      },
    };

    window.colorSheetsApp = new grasppe.ColorSheetsApp({
      sheets: grasppe.ColorSheetsApp.ScreeningDemo,
    });

  });
})(this, this.grasppe);

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