

Node

- Current Chromium version not working in Node + MAC M1

1.6.3 (January 15th, 2024)

- Patch release to fix dependency conflict for projects targeting **ASP.NET 7.0**. Updated `System.Security.Cryptography.Pkcs` 6.0.3 => 7.0.0

1.6.2 (January 5th, 2024)

New Features

All Platforms

- The visualization background color picker was updated to use **Coloris**. With this enhancement the property `canChangeVisualizationBackgroundColor` has been marked as obsolete because we are now enabling the visibility of background color setting by default. Additionally, the **Spectrum** dependency is no longer required.
- The sqlite storage for cache file `tabulardata.sqlite` is now disabled by default to prevent growing without limit
- When `$.ig.RevealSdkSettings.enableActionsOnHoverTooltip` is enabled, the actions tooltip is now available on the Pivot visualization. Hovering on a chart visualization will now show the tooltip when within a certain number of pixels from the data point.
- Support for calculated fields using the following functions on a SQL Server data source with "Process Data on Server" enabled; `fyear`, `and`, `or`, `concatenate`, `replace`, `date`, `time`, `hour`, `minute`, `second`, `formatdate`, and `datevalue`.
- New client event named `onUrlLinkRequested` added to allow for intercepting and modifying URL links in dashboards at runtime

```
revealView.onUrlLinkRequested = (args) => {  
  return args.url + "&webUpdated=true&cellValue=" + args.cell.value();  
};
```

- Added ability to export a single visualization using server export.

ASP.NET **Java** **Node.js**

```
var pdfOptions = new PdfExportOptions();  
  
pdfOptions.Visualizations.Add(new VisualizationExport() {Title = "Sales by Product" });  
pdfOptions.Visualizations.Add(new VisualizationExport("9ea0b74d-8944-474c-5e8c-78ce2b30d16c"));  
  
//or  
pdfOptions.Visualizations.AddByTitle("Sales by Product");  
pdfOptions.Visualizations.AddById("9ea0b74d-8944-474c-5e8c-78ce2b30d16c");  
  
await _exporter.ExportToPdf(dashboardId, path + ".pdf", pdfOptions);
```

- Support added for custom colors on client & server export

ASP.NET **Java** **Node.js**

```
PdfExportOptions options = new PdfExportOptions();
```

```

options.InitScript = @"
    function init(revealView){
        $.ig.RevealSdkSettings.theme = new $.ig.MountainDarkTheme();

        revealView.refreshTheme();

        revealView.onVisualizationSeriesColorAssigning = function (visualization, defaultColor, fieldName, categoryName) {
            if (categoryName === ""Critical"") {
                return ""rgb(0,0,0)"";
            }
            return defaultColor;
        }
    };
";

await _exporter.ExportToPdf(dashboardId, path, options);

```

- Added the ability to control edit mode

- `enterEditMode()`
- `exitEditMode(applyChanges: boolean)`
- `onEditModeEntered`
- `onEditModeExited`

```

<button onclick="revealView.enterEditMode()">Start editing</button>
<button onclick="revealView.exitEditMode(false)">Stop editing (discard)</button>
<button onclick="revealView.exitEditMode(true)">Stop editing (save)</button>

```

```

<div id="revealView" style="height: 920px; width: 100%;"></div>

```

```

<script src="https://cdn.jsdelivr.net/npm/jquery@3.6.0/dist/jquery.min.js" ></script>
<script src="https://unpkg.com/dayjs@1.8.21/dayjs.min.js" ></script>

```

```
<script src="https://dl.revealbi.io/reveal/libs/1.6.2/infragistics.reveal.js"></script>
<script type="text/javascript">

    //set this to your server url
    $.ig.RevealSdkSettings.setBaseUrl("http://localhost:5111/");
    var revealView = new $.ig.RevealView("#revealView");

    $.ig.RVDashboard.loadDashboard("Sales", (dashboard) => {
        revealView.dashboard = dashboard;
    });

</script>
```

- Added a `role` property to `RVSnowflakeDataSoure` to allow for accessing different databases for different connections
- Added support for stored procedures in the MySQL connector
- Added a `maxFilterSize` property to `RevealSdkSettings` for controlling the maximum number of values displayed in a dashboard filter

ASP.NET

- Added support for setting global filters for headless exports

```
PdfExportOptions options = new PdfExportOptions();
options.DateFilter = new RVDateDashboardFilter(RVDateFilterType.CustomRange,
    new RVDateRange(new DateTime(2022,4,1), DateTime.Now)
);

options.Filters.Add(new RVDashboardFilter("incident_severity", new List<object> { "Medium", "Critical" }));
options.Filters.Add(new RVDashboardFilter("team", new List<object> { "Digital Security Center" }));
```

```
await _exporter.ExportToPdf(dashboardId, path, options);
```

ASP.NET & Node

- Added custom query support for the MongoDB connector
- Added support for data blending (joining) on server for the MongoDB connector
- Added support for ARM64 for ASP.NET and Node on MacOS and Linux

Java

- JavaScript SDK distributions will no longer be available at <https://maven.revealbi.io/repository/public/com/infragistics/reveal/sdk/reveal-sdk-distribution/x.y.z/reveal-sdk-distribution-x.y.z-js.zip>. Instead, the location will be <https://dl.infragistics.com/reveal/libs/x.y.z/reveal-sdk-distribution-js.zip>.
- Added support for setting global filters for headless exports

```
PdfExportOptions options = new PdfExportOptions();
```

```
RVDateDashboardFilter dateFilter = new RVDateDashboardFilter(RVDateFilterType.CUSTOM_RANGE,  
    new RVDateRange( new GregorianCalendar(2022,4,1), new GregorianCalendar()  
    );
```

```
options.setDateFilter(dateFilter);
```

```
options.getFilters().add(new RVDashboardFilter("incident_severity", new ArrayList<Object>(Arrays.asList("Medium", "Critical"))));
```

Bug Fixes

All Platforms

- Setting `canAddDateFilter` caused an exception
- Redshift filters don't show values besides the 3k limit when using search on select values
- The text "Show Data Labels" is not translated when viewing field settings in the visualization editor
- Pivot grid when using the SSAS connector mixed up rows when sorting
- KPI vs Time - overlapping text when state changes from having data to having no data to display
- Pointer cursor shows when hovering over "add your first visualization" when there is no click event
- Localization issue on server side when client is using another language
- REST connector crashes when no url is provided in client
- Tooltip showing blank hint in the New Calculated Field window
- Data source items should not copy over the data source subtitle
- Grid visualization takes forever to load when there's a lot of data
- Spanish translation for Snowflake host shows "Anfitrión" and it shouldn't
- When configuring `chartTypes` the `AreaChart` doesn't seem to respond to any changes
- Server-side dashboard export problem due to build number appending to version

ASP.NET & Node

- The MongoDB connector wasn't filtering documents without a field set when filtering by empty fields.

1.6.1 (October 25th, 2023)

Breaking Changes

All Platforms