



LIBRARIES AND MORE

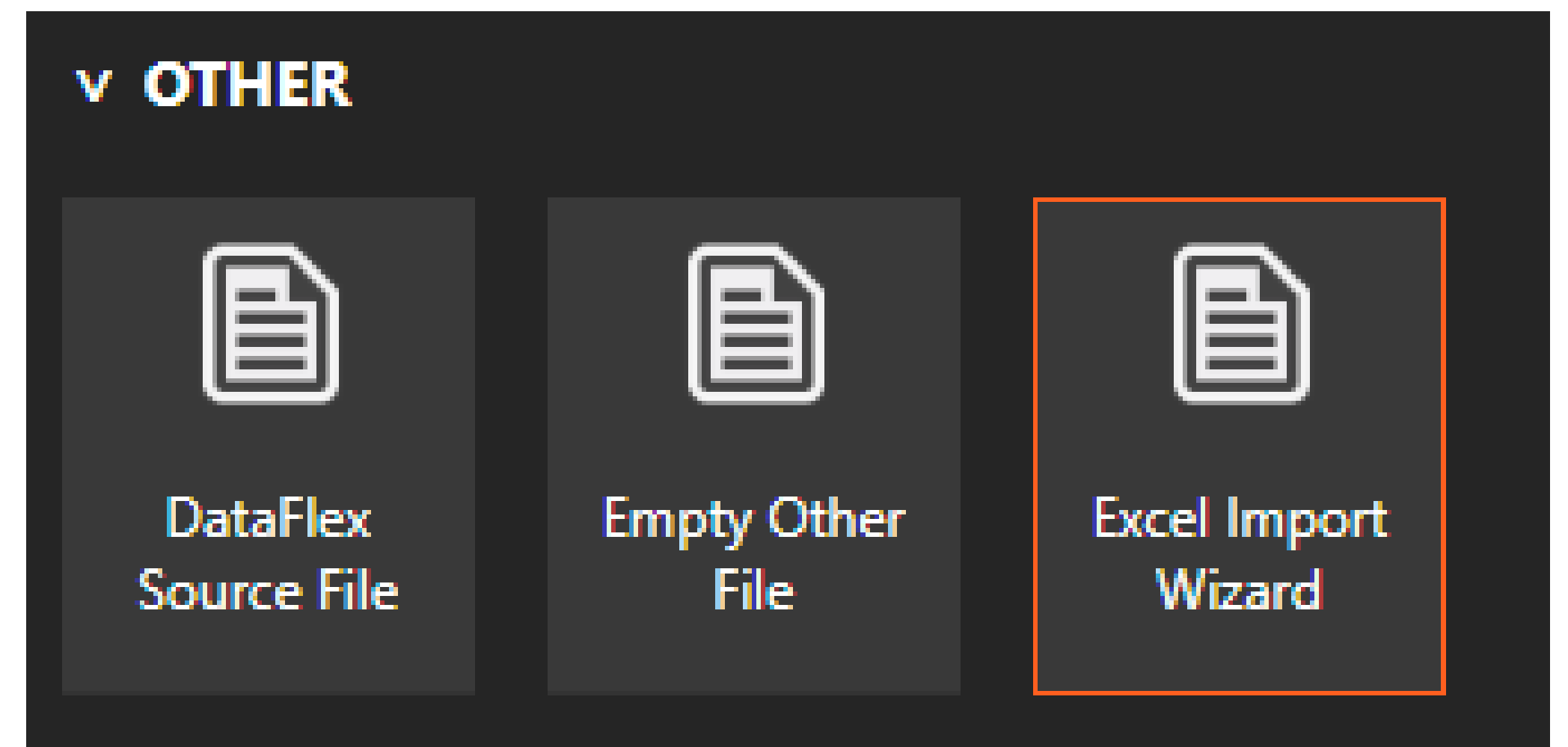
NIELS DE BOER

EXCEL IMPORT WIZARD

EXCEL IMPORT WIZARD

WHAT IS IT?

- Convert Excel sheets to database tables
- Works for multiple backends (SQL, Embedded)
- New in DF26
- File -> New -> Other Files & Sources








EXCEL IMPORT WIZARD FEATURES

- Automatically determine field type
- Automatically determine primary keys
- Automatically determine ideal field size

Table & Column Names

Change or accept table and column names. Navigate through the tables and columns and make name and/or type corrections.

^  Employees	No Tables	First_name
 First_name	Length	25
 Last_name	Column Type	String
 Company		
 Balance		

CANCEL BACK NEXT

EXCEL IMPORT WIZARD LIMITATIONS

- Does not automatically detect potential relationships
- Cannot add data to existing tables

DYNAMIC DASHBOARDS

DYNAMIC DASHBOARDS

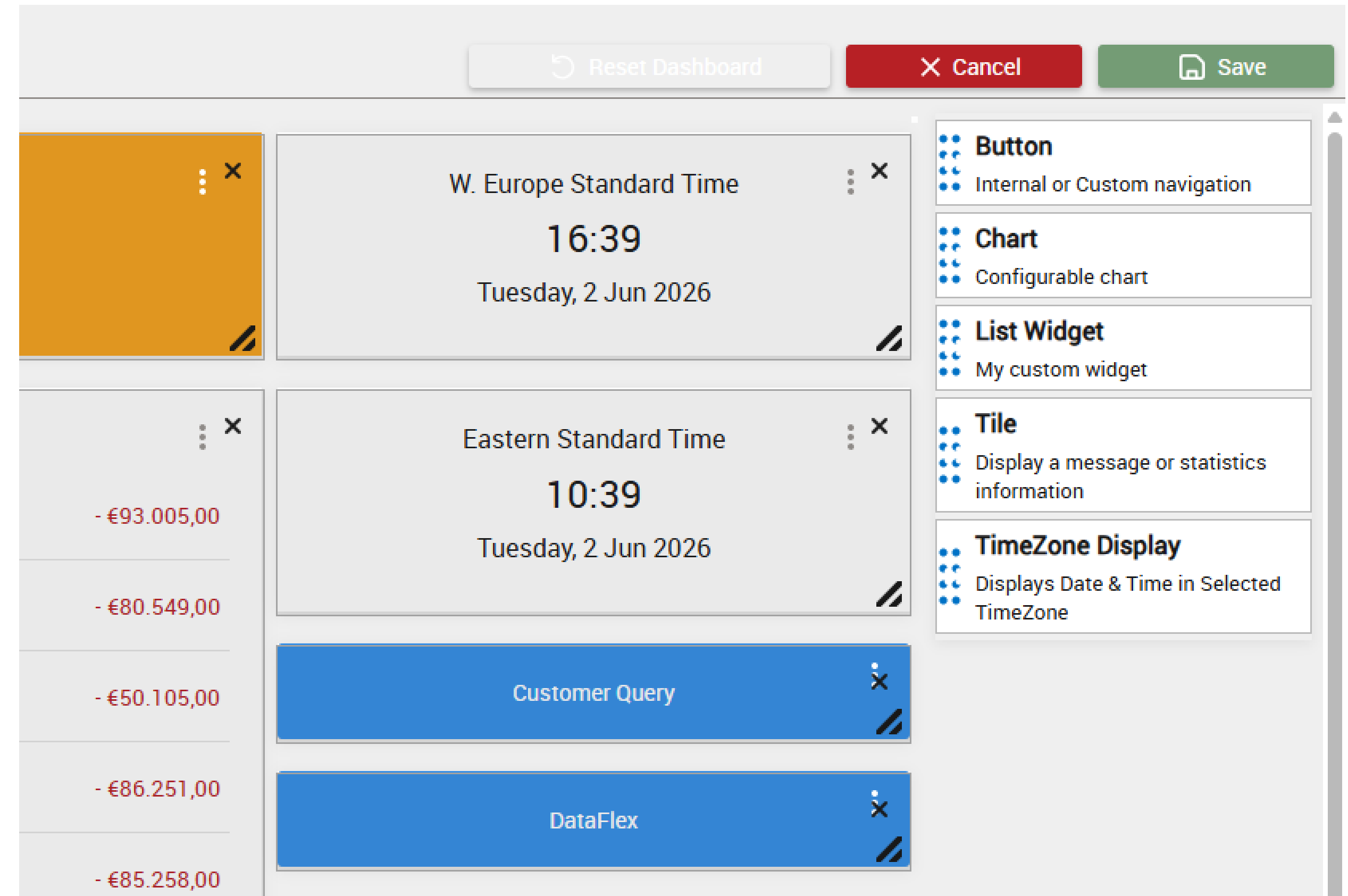
WHAT IS IT?

- Added in DF25
- Allows for customizable dashboards using widgets
- Combines multiple features
 - Grid layout
 - Dynamic objects
- Whatever you can think of!
 - Lists
 - Charts
 - Simple buttons
 - Stopwatches
 - Clocks

DYNAMIC DASHBOARDS

HOW DOES IT WORK?

- cWebWidgetContainer
- cWebWidget
- cWebWidgetPalette
- Acts like a mini WebView
- Build your widget
- Register it to the cWebWidgetContainer



DYNAMIC DASHBOARDS IMPROVEMENTS IN DF26

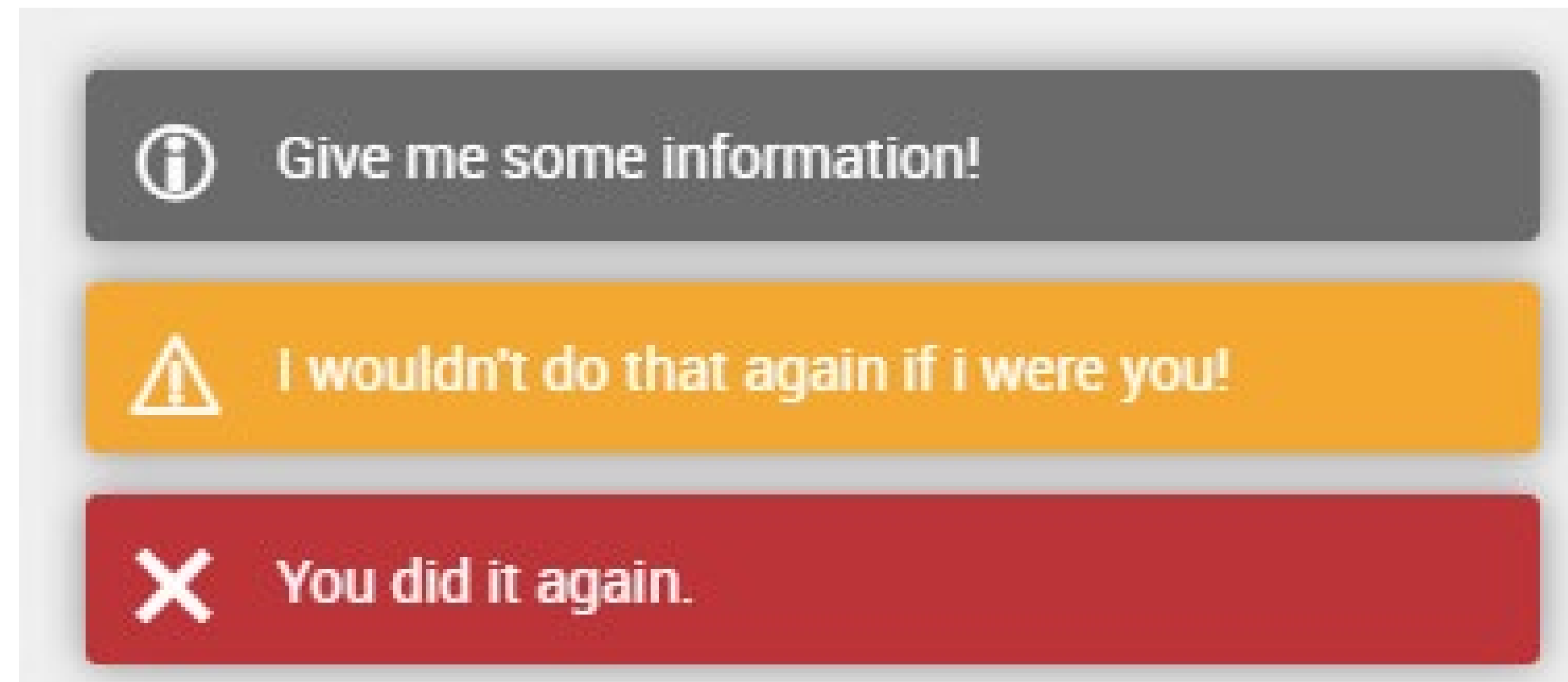
- Improvements to widget configuration
- Improved samples
- General bugfixes

TOAST LIBRARY

TOAST

WHAT IS IT?

- Advanced notifications
- Timeout
- Stackable
- Example usage
 - Informational messages
 - Warnings
 - Errors



TOAST

HOW TO USE?

- Install with the package manager
- Use cWebToast.pkg
- Create a cWebToast object
- Call one of the following
 - ShowInfoToast
 - ShowSuccessToast
 - ShowWarningToast
 - ShowErrorToast
 - ShowCustomToast (for extra customizability!)

```
Object oToast is a cWebToast
  Set pePosition to wtpBottomRight
  Set piWidth to 350
  Set piDurationMs to 2000
End_Object
```

```
Object oInfoToastButton is a cWebButton
  Set piColumnSpan to 0
  Set psCaption to "Info toast"
```

```
Procedure OnClick
  Send ShowInfoToast of oToast "Give me some information!"
End_Procedure
End_Object
```

TOAST EVENTS AND PROCEDURES

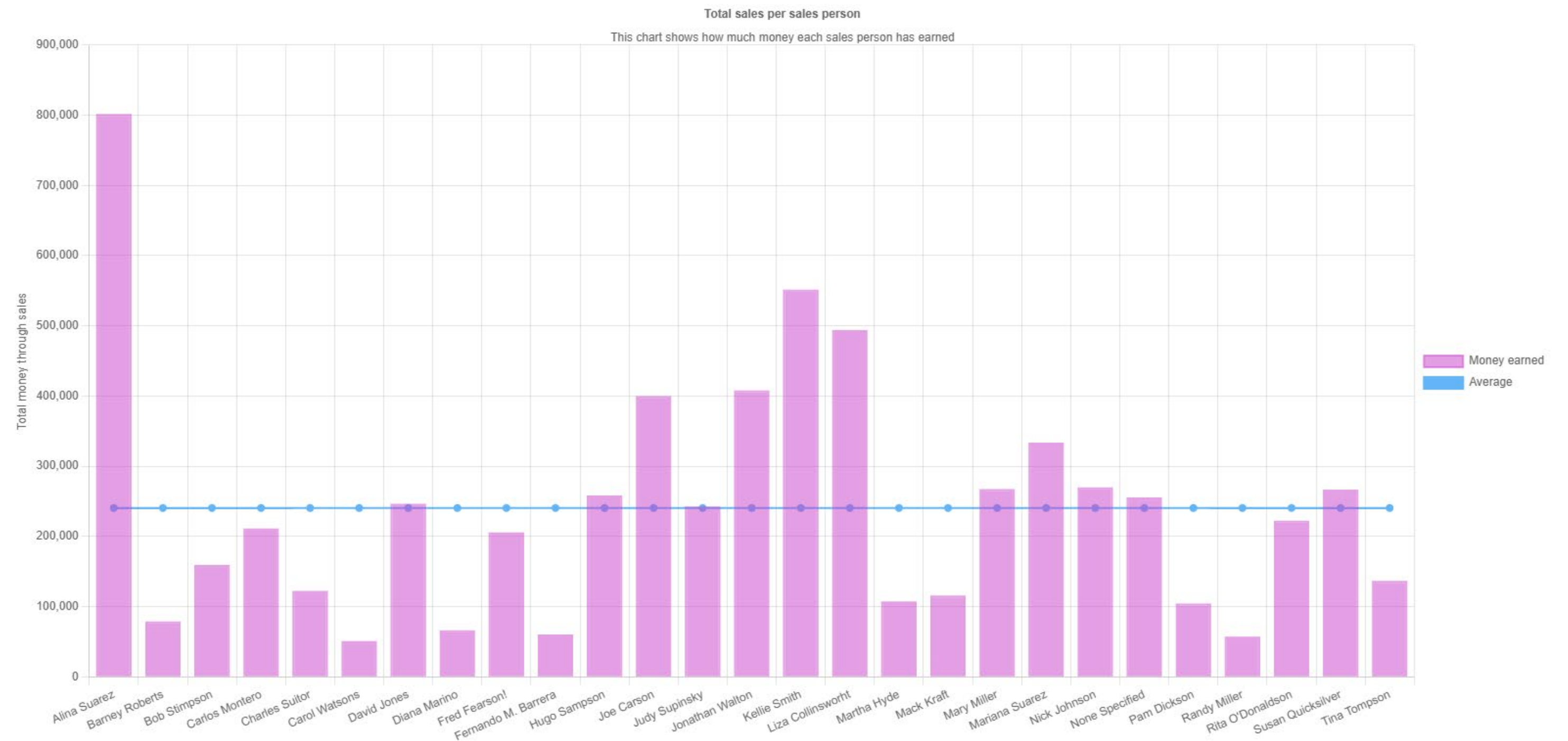
- Some useful procedures
 - HideAllToast
 - HideLastToast
 - HideToastById
- Some useful events
 - OnToastHide
 - OnToastClick

CHARTS

CHARTS

WHAT IS IT?

- Visualize data
- Multiple chart types
- Multiple underlying chart libraries
 - Chartjs
 - Syncfusion
 - Highcharts



CHARTS

HOW DOES IT WORK?

- Configuration
- tChartData[]
- CreateChart

```
Object oSalesPersonChart is a cChart
  Set psTitle to "Total sales per sales person"
  Set psSubtitle to "This chart shows how much money each sales person has earned"
  Set psChartBackgroundColor to "white"
  Set psYAxisLabel to "Total money through sales"
  //Left or right
  Set psLegendAlignment to "right"
  Set piColumnSpan to 10
  Set pbFillHeight to True
```

```
Struct tPointData
  Number y
  String sTooltip
End_Struct
```

```
Struct tChartData
  String sLabel
  String sSeriesColor
  tPointData[] dataPoints
  //Optionals
  String sType
  Number nLineThickness
End_Struct
```

DEMO!

/*END*/

