**Generate Chart Image**

* **Pie chart to image**
* **Bar chart to image**
* **Bubble chart to image**
* **TimeSeries chart to image**
* **XYLine chart to image**

**Pie chart to image**

**Function:** generatepie()

Input**:**

| **Keyword** | **Type** | **Description** |
| --- | --- | --- |
| label  | List of Text String | Data labels to display in the chart. |
| data  | List of Number (Floating Point) | Array of data values to display in a chart. |
| destination  | Folder | Folder in which the output file to be generated. |
| fileName  | Text | Name of the output file to be generated. |
| fileDescription  | Text | Description of the output file to be generated. |
| chartTitle  | Text | Text to display at the top of the chart. |
| imageSize  | Text | OPTIONAL. Size of the chart. Valid values : "SMALL", "MEDIUM" (default), "LARGE". |
| showBorder  | Boolean | OPTIONAL. Determines if the border displays around the chart. Default value is true. |
| showLegend  | Boolean | OPTIONAL. Determines if the legend of the task series display below the chart. Default value is true. |

Output**:**

Returns document.

**Smart Service plug-in:** Pie Chart to Image

Input**:**

| **Keyword** | **Type** | **Description** |
| --- | --- | --- |
| ChartTitle  | Text | Text to display at the top of the chart. |
| Data  | List of Number (Decimal) | Array of data values to display in a chart. |
| Destination  | Folder | Folder in which the output file to be generated. |
| File Description | Text | Description of the output file to be generated. |
| File Name  | Text | Name of the output file to be generated. |
| Image Size  | Text | OPTIONAL. Size of the chart. Valid values : "SMALL", "MEDIUM" (default), "LARGE". |
| Label  | List of Text  | Data labels to display in the chart. |
| Show Border  | Boolean | OPTIONAL. Determines if the border displays around the chart. Default value is true. |
| Show Legend  | Boolean | OPTIONAL. Determines if the legend of the task series display below the chart. Default value is true. |

Output**:**

| **Keyword** | **Type** | **Description** |
| --- | --- | --- |
| Document Id  | Number (Integer) | ID of the generated document. |
| Output | Text | Return the status message of the chart. |
| Status | Text | The status of chart generation. |

**Bar chart to image**

**Function:** generatebar()

Input**:**

| **Keyword** | **Type** | **Description** |
| --- | --- | --- |
| label  | List of Text String | Data labels to display in the chart. |
| data  | List of Number (Floating Point) | Array of data values to display in a chart. |
| xAxisLabel  | Text | Title for the independent (vertical) axis. |
| yAxisLabel  | Text | Title for the dependent (horizontal) axis. |
| destination  | Folder | Folder in which the output file to be generated. |
| fileName  | Text | Name of the output file to be generated. |
| fileDescription  | Text | Description of the output file to be generated. |
| chartTitle  | Text | Text to display at the top of the chart. |
| imageSize  | Text | OPTIONAL. Size of the chart. Valid values : "SMALL", "MEDIUM" (default), "LARGE". |
| showBorder  | Boolean | OPTIONAL. Determines if the border displays around the chart. Default value is true. |
| showLegend  | Boolean | OPTIONAL. Determines if the legend of the task series display below the chart. Default value is true. |

Output**:**

Returns document.

**Smart Service plug-in:** Bar Chart to Image

Input**:**

| **Keyword** | **Type** | **Description** |
| --- | --- | --- |
| Chart Title  | Text | Text to display at the top of the chart. |
| Data  | List of Number (Decimal) | Array of data values to display in a chart. |
| Destination  | Folder | Folder in which the output file to be generated. |
| File Description | Text | Description of the output file to be generated. |
| File Name  | Text | Name of the output file to be generated. |
| Image Size  | Text | OPTIONAL. Size of the chart. Valid values : "SMALL", "MEDIUM" (default), "LARGE". |
| Label  | List of Text  | Data labels to display in the chart. |
| Show Border  | Boolean | OPTIONAL. Determines if the border displays around the chart. Default value is true. |
| Show Legend  | Boolean | OPTIONAL. Determines if the legend of the task series display below the chart. Default value is true. |
| X Axis Label  | Text | Title for the independent (vertical) axis. |
| Y Axis Label  | Text | Title for the dependent (horizontal) axis. |

Output**:**

| **Keyword** | **Type** | **Description** |
| --- | --- | --- |
| Document Id  | Number (Integer) | ID of the generated document. |
| Output | Text | Return the status message of the chart. |
| Status | Text | The status of chart generation. |

**Bubble chart to image**

**Function:** generatebubble()

Input**:**

| **Keyword** | **Type** | **Description** |
| --- | --- | --- |
| label  | List of Text String | Data labels to display in the chart. |
| data  | List of BubbleChartData | Array of Bubble chart data to display in a chart. |
| xAxisLabel  | Text | Title for the independent (vertical) axis. |
| yAxisLabel  | Text | Title for the dependent (horizontal) axis. |
| xAxisMax  | Number (Decimal) | Determines the maximum displayed point on the vertical axis. |
| yAxisMax  | Number (Decimal) | Determines the maximum displayed point on the horizontal axis. |
| destination  | Folder | Folder in which the output file to be generated. |
| fileName  | Text | Name of the output file to be generated. |
| fileDescription  | Text | Description of the output file to be generated. |
| chartTitle  | Text | Text to display at the top of the chart. |
| imageSize  | Text | OPTIONAL. Size of the chart. Valid values : "SMALL", "MEDIUM" (default), "LARGE". |
| showBorder  | Boolean | OPTIONAL. Determines if the border displays around the chart. Default value is true. |
| showLegend  | Boolean | OPTIONAL. Determines if the legend of the task series display below the chart. Default value is true. |

Output**:**

Returns document.

**Smart Service plug-in:** Bubble Chart to Image

Input**:**

| **Keyword** | **Type** | **Description** |
| --- | --- | --- |
| Chart Title  | Text | Text to display at the top of the chart. |
| Data  | List of BubbleChartData | Array of Bubble chart data to display in a chart. |
| Destination  | Folder | Folder in which the output file to be generated. |
| File Description | Text | Description of the output file to be generated. |
| File Name  | Text | Name of the output file to be generated. |
| Image Size  | Text | OPTIONAL. Size of the chart. Valid values : "SMALL", "MEDIUM" (default), "LARGE". |
| Label  | List of Text  | Data labels to display in the chart. |
| Show Border  | Boolean | OPTIONAL. Determines if the border displays around the chart. Default value is true. |
| Show Legend  | Boolean | OPTIONAL. Determines if the legend of the task series display below the chart. Default value is true. |
| X Axis Label  | Text | Title for the independent (vertical) axis. |
| X Axis Max  | Number (Decimal) | Determines the maximum displayed point on the vertical axis. |
| Y Axis Label  | Text | Title for the dependent (horizontal) axis. |
| Y Axis Max  | Number (Decimal) | Determines the maximum displayed point on the horizontal axis. |

Output**:**

| **Keyword** | **Type** | **Description** |
| --- | --- | --- |
| Document Id  | Number (Integer) | ID of the generated document. |
| Output | Text | Return the status message of the chart. |
| Status | Text | The status of chart generation. |

**TimeSeries chart to image**

**Function:** generatetimeseries()

Input**:**

| **Keyword** | **Type** | **Description** |
| --- | --- | --- |
| label  | List of Text String | Data labels to display in the chart. |
| data  | List of TimeSeries ChartData | Array of TimeSeries chart data to display in a chart. |
| xAxisLabel  | Text | Title for the independent (vertical) axis. |
| yAxisLabel  | Text | Title for the dependent (horizontal) axis. |
| destination  | Folder | Folder in which the output file to be generated. |
| fileName  | Text | Name of the output file to be generated. |
| fileDescription  | Text | Description of the output file to be generated. |
| chartTitle  | Text | Text to display at the top of the chart. |
| imageSize  | Text | OPTIONAL. Size of the chart. Valid values : "SMALL", "MEDIUM" (default), "LARGE". |
| showBorder  | Boolean | OPTIONAL. Determines if the border displays around the chart. Default value is true. |
| showLegend  | Boolean | OPTIONAL. Determines if the legend of the task series display below the chart. Default value is true. |

Output**:**

Returns document.

**Smart Service plug-in:** TimeSeries Chart to Image

Input**:**

| **Keyword** | **Type** | **Description** |
| --- | --- | --- |
| Chart Title  | Text | Text to display at the top of the chart. |
| Data  | List of TimeSeries ChartData | Array of TimeSeries chart data to display in a chart. |
| Destination  | Folder | Folder in which the output file to be generated. |
| File Description | Text | Description of the output file to be generated. |
| File Name  | Text | Name of the output file to be generated. |
| Image Size  | Text | OPTIONAL. Size of the chart. Valid values : "SMALL", "MEDIUM" (default), "LARGE". |
| Label  | List of Text  | Data labels to display in the chart. |
| Show Border  | Boolean | OPTIONAL. Determines if the border displays around the chart. Default value is true. |
| Show Legend  | Boolean | OPTIONAL. Determines if the legend of the task series display below the chart. Default value is true. |
| X Axis Label  | Text | Title for the independent (vertical) axis. |
| Y Axis Label  | Text | Title for the dependent (horizontal) axis. |

Output**:**

| **Keyword** | **Type** | **Description** |
| --- | --- | --- |
| Document Id  | Number (Integer) | ID of the generated document. |
| Output | Text | Return the status message of the chart. |
| Status | Text | The status of chart generation. |

**XYLine chart to image**

**Function:** generatexyline()

Input**:**

| **Keyword** | **Type** | **Description** |
| --- | --- | --- |
| label  | List of Text String | Data labels to display in the chart. |
| data  | List of XYLine ChartData | Array of XYLine chart data to display in a chart. |
| xAxisLabel  | Text | Title for the independent (vertical) axis. |
| yAxisLabel  | Text | Title for the dependent (horizontal) axis. |
| destination  | Folder | Folder in which the output file to be generated. |
| fileName  | Text | Name of the output file to be generated. |
| fileDescription  | Text | Description of the output file to be generated. |
| chartTitle  | Text | Text to display at the top of the chart. |
| imageSize  | Text | OPTIONAL. Size of the chart. Valid values : "SMALL", "MEDIUM" (default), "LARGE". |
| showBorder  | Boolean | OPTIONAL. Determines if the border displays around the chart. Default value is true. |
| showLegend  | Boolean | OPTIONAL. Determines if the legend of the task series display below the chart. Default value is true. |

Output**:**

Returns document.

**Smart Service plug-in:** XYLine Chart to Image

Input**:**

| **Keyword** | **Type** | **Description** |
| --- | --- | --- |
| Chart Title  | Text | Text to display at the top of the chart. |
| Data  | List of XYLine ChartData | Array of XYLine chart data to display in a chart. |
| Destination  | Folder | Folder in which the output file to be generated. |
| File Description | Text | Description of the output file to be generated. |
| File Name  | Text | Name of the output file to be generated. |
| Image Size  | Text | OPTIONAL. Size of the chart. Valid values : "SMALL", "MEDIUM" (default), "LARGE". |
| Label  | List of Text  | Data labels to display in the chart. |
| Show Border  | Boolean | OPTIONAL. Determines if the border displays around the chart. Default value is true. |
| Show Legend  | Boolean | OPTIONAL. Determines if the legend of the task series display below the chart. Default value is true. |
| X Axis Label  | Text | Title for the independent (vertical) axis. |
| Y Axis Label  | Text | Title for the dependent (horizontal) axis. |

Output**:**

| **Keyword** | **Type** | **Description** |
| --- | --- | --- |
| Document Id  | Number (Integer) | ID of the generated document. |
| Output | Text | Return the status message of the chart. |
| Status | Text | The status of chart generation. |