# Overview

The Org Chart component rule, **orgChartDisplayField**, is defined with the following inputs and outputs:

|  |  |  |  |
| --- | --- | --- | --- |
| **Input** | **Type** | **Default Value** | **Options** |
| data | Dictionary / Input | none |  |
| chartTitle | String / Input ***- optional*** | 'Chart’ |  |
| exportTitle | String / Input ***- optional*** | none |  |
| expandLevel | Number / Input ***- required*** | 1 |  |
| options | Dictionary / Input ***- optional*** | ***See Options section*** | ***See Options section*** |
| selectedId | Text / Input ***- optional*** | MM/DD/YYYY |  |

|  |  |
| --- | --- |
| **Output** | **Type** |
| selectedId | Integer / Input |

# Data Structure

The data structure is a dictionary array that follows the format with these fields:

|  |  |  |
| --- | --- | --- |
| **Field** | **Optional?** | **Description** |
| id | No | Unique identifier of the node |
| employeeName | No | Name of employee (or other record) on the node. Picks up ***nameColor,*** if supplied |
| nameColor | Yes | Color of ***employeeName*** |
| bgColor | Yes | Override the background color of a node, provide a hex or HTML color |
| employeeName2 | Yes | Name of a second employee (or other record) on the node. Picks up ***nameColor2,*** if supplied |
| nameColor2 | Yes | Color of ***employeeName2*** |
| positionTitle | Yes | First subtitle under ***employeeName (or employeeName2, if provided)*** |
| parentId | No | Parent identifier if applicable. If no parent, provide “” |
| addlField1 | Yes | Additional field #1 under position title |
| addlField2 | Yes | Additional field #2 under position title |
| addlField3 | Yes | Additional field #3 under position title |
| addlField4 | Yes | Additional field #4 under position title |
| footerLeft | Yes | Left/bottom-aligned footer text |
| footerRight | Yes | Right/bottom-aligned footer text |



## Sample Node

{employeeName: "Basia Hubbard", positionTitle: "Director, Human Resources", id: 1, parentId: "", positionColor: "blue", addlField1: "ES-0340-00", addlField2: "Supervisor", addlField3: "Washington", addlField4: "DEES6604", footerLeft: "NE10000000", footerRight: "NA-MB-10"},



## Sample Node 2

{employeeName: "Fitzgerald Dickerson", employeeName2:"Bob Groundswellian", nameColor2:"RED", positionTitle: "Program Analyst, Director of Deputy Adminsistrator Action Group", id: 58, parentId: 2, nameColor: "blue", addlField1: "NQ-0343-03", addlField2: "Non-Supervisor", addlField3: "Albuquerque", addlField4: "00064239"}

# Options

The org chart component comes with several configuration areas to fine tune the look and feel of the chart.

|  |  |  |  |
| --- | --- | --- | --- |
| **Category/Field** | **Description** | **Default Value** | **Available Options** |
| ***common*** |
| *bgColor* | Default background color of nodes | **white** | Any hex, rgba, or HTML color |
| *font* | Font family | **Roboto** | Fonts available to your browser |
| *orientation* | Flow of the org chart from the root node | **top** | **top****left****right****bottom** |
| *selectionHighlight* | What to highlight when selecting a node | **FULL\_PATH** | **FULL\_PATH** – highlight all nodes to root**SINGLE** – single node |
| ***connectors*** |
| *style* | Connecting line style | **SOLID** | **SOLID** – solid**DASH** – dashes**DOT** – short dashes/dots |
| ***node*** |
| *bodyTextSize* | Size of node body text | **14px** | Any pixel size |
| *borderRadius* | Border radius (rounding) of nodes | **2px** | Any pixel size |
| *height* | Height of a node | **175px** | Any pixel size |
| *showShadow* | Add shadow to node | **true** | T/F |
| *vAlign* | Align text vertically on node | **false** | T/F |
| *width* | Width of a node | **250px** | Any pixel size |
| ***search*** |
| *autoCollapse* | Automatically collapse the hierarchy as you search, giving focus to matches | **false** | T/F |
| *enabled* | Enable the search option in the toolbar | **true** | T/F |
| *name* | If esarch is enabled, search on node attribute **employeeName** | **true** | T/F |
| *title* | If esarch is enabled, search on node attribute **positionTitle** | **false** | T/F |
| *additionalFields* | If esarch is enabled, search on node attributes **addlField[1-4]** | **false** | T/F |
| *footer* | If esarch is enabled, search on node attributes **footerLeft** and **footerRight** | **false** | T/F |
| ***download*** |
|  |
| *types* | File extensions to support for download | **PNG** | **PNG** – PNG of current view**PNG\_ALL** – PNG of entire graph**PDF** - pdf |

## Examples

|  |  |
| --- | --- |
| **Default** |  |
| **Rounded + Green + Center**[common:[bgColor:#00ff6f,font:Roboto],node:[vAlign:true,showShadow:true,height:175,width:250,borderRadius:375px],connectors:[style:DASH],download:[types:PNG]] |  |
| **Left + Square + Not Center**[common:[bgColor:#d6f3e3,font:Roboto],node:[vAlign:false,showShadow:true,height:250,width:250,borderRadius:375px],connectors:[style:DASH],download:[types:PNG]] |  |