# GoJs Project Server API

**GetModelParms()**

Get model parameters should be called when the model is loaded to retrieve the general details about the chart.

**Receive Data (json format)**

|  |  |
| --- | --- |
| model\_description | Model title text to appear at the top of the page |
| model\_editable | Whether model is editable |
| aea\_text | Text to go above the AEA |
| oca\_text | Text to go above the OCA |
| node\_width | Model wide Node width |
| node\_height | Model wide Node Height |
| model\_fg | Model text colour |
| model\_bg | Model background colour |
| line\_fg | Connecting line colour when chart editable |
| ro\_line\_fg | Connecting line colour when cahrt read only |
| def\_node\_fg | Default node text colour when new node added |
| def\_node\_bg | Default node background colour when new node added |
| def\_node\_border\_fg | Default node border colour when new node added |
| photos\_applicable | Whether photos are applicable to this type of model |
| show\_photos | Whether to show photos on the model |
| allow\_dropdown | When in display only mode, can the user collapse / expand nodes |
| node\_tt\_fg | Default tooltip text colour |
| node\_tt\_bg | Default tooltip background colour |
| node\_tt\_border | Default tooltip border colour |
| node\_highlight\_fg | Node highlight text colour |
| node\_highlight\_bg | Node highlight background color |
| menu\_settings | Text for Chart right click "Settings" |
| menu\_node\_settings | Text for Node right click "Settings" |
| menu\_node\_details | Text for Node right click "Node Details" |
| menu\_toggle\_assistant | Text for Node right click "Toggle Assistant" |
| menu\_make\_vacant | Text for Node right click "Make Vacant" |
| menu\_team\_text | Text for Model or Node right click “Add Team” |
| menu\_zoom\_to\_fit | Text for Model ‘zoom to fit’ |
| menu\_centre\_at\_top | Text for Model ‘Centre at top’ |
| menu\_add\_label | Text for Model ‘Add Label’ |
| menu\_move\_to\_left | Text for Node right click ‘Move to left’ |
| menu\_move\_to\_right | Text for Node right click ‘Move to right’ |
| vacant\_text | Text for Node that is made "Vacant" |
| team\_text | Text for Node to contain the text for ‘Team’ |
|  |  |

**SaveModelParms()**

If the parameters are edited (right click on chart “Settings”) then when you save the model, you will call this method to update the details.

**Send Data (json format)**

|  |  |
| --- | --- |
| node\_width | Model wide Node Width |
| node\_height | Model wide Node Height |
| model\_fg | Model text colour |
| model\_bg | Model background colour |
| line\_fg | Connecting line colour when chart editable |
| ro\_line\_fg | Connecting line colour when cahrt read only |
| def\_node\_fg | Default node text colour when new node added |
| def\_node\_bg | Default node background colour when new node added |
| def\_node\_border\_fg | Default node border colour when new node added |
| node\_tt\_fg | Default node tooltip text colour when new node added |
| node\_tt\_bg | Default node tooltip background colour when new node added |
| node\_tt\_border | Default node tooltip border colour when new node added |
| show\_photos | Whether to show photos on the model |
| node\_highlight\_fg | Node highlight text colour |
| node\_highlight\_bg | Node highlight background color |

**GetUnallocatedPeople()**

This method should be called when the model is loaded, this returns a list of available people who are not currently on the chart

**Receive Data (json array format)**

|  |  |
| --- | --- |
| pay\_ref | Unique ID for employee |
| name | Text for AEA |
| sort\_name | Sort Text for AEA |
| line1 | 1st line of text for node |
| line2 | 2nd line of text for node |
| line3 | 3rd line of text for node |
| Tooltip | Default Tooltip for node |

**GetPersonPhoto()**

When a node is dragged from the unallocated list to the chart, this function should be called to return the photo to use on the new node. The node height parameter will cause the photo to be sized according to its height, the width will be adjusted so that aspect ratio is maintained.

**Send Parameters**

PayRef The pay ref of the person you’re adding to the chart  
nodeHeight The height of the node

**Receive Data (json format)**

B64img a string containing a base64 encoded image

**GetModelData()**

**Called when model loaded, it will return a list of all the people on the chart.**

**Receive Data (json array format)**

|  |  |
| --- | --- |
| detail\_key | Unique node id |
| parent\_key | Id of the parent node |
| pos\_x | exact x position of node |
| pos\_y | exact y position of node |
| node\_bg | node background colour |
| node\_fg | node text colour |
| node\_border\_fg | node border colour |
| pay\_ref | unique employee id |
| name | AEA display text |
| sort\_name | AEA sort order text |
| line1 | node line 1 text or Team node line 1 text |
| line2 | node line 2 text or Team node line 2 text |
| line3 | node line 3 text or Team node line 3 text |
| assistant | Is the person an assistant? |
| switch\_url | url to open on node right click “Employee Details” selected |
| show\_photo | whether to show the employee photo |
| b64img | photo in base64 format |
| collapsed | whether node with children is in a collapsed state |
| node\_type | Detail | Team | Label |
| node\_tt\_fg | Node tooltip text colour |
| node\_tt\_bg | Node tooltip background colour |
| node\_tt\_border | Node tooltip border colour |
| node\_text | Node tooltip OR label text |
| label\_width | For Label node type, its width |
| label\_height | For Label node type, its height |

**SaveModelData()**

This should be called when the model is saved. It will upload all the nodes currently on the model.

**Send Data (json array format)**

|  |  |
| --- | --- |
| detail\_key | Unique node id |
| parent\_key | Id of the parent node |
| pay\_ref unique | employee id |
| assistant | Is the person an assistant? |
| pos\_x | exact x position of node |
| pos\_y | exact y position of node |
| node\_fg | node text colour |
| node\_bg | node background colour |
| node\_border\_fg | node border colour |
| show\_photo | whether to show the employee photo |
| collapsed | Where node is collapsed or not |
| node\_type | Detail | Team | Label |
| grp\_desc | Team node description |
| grp\_line2 | Team node line 2 |
| grp\_line3 | Team node line 3 |
| node\_tt\_fg | Node tooltip text colour |
| node\_tt\_bg | Node tooltip background colour |
| node\_tt\_border | Node tooltip border colour |
| node\_text | Node tooltip OR label text |
| label\_width | For Label node type, its width |
| label\_height | For Label node type, its height |

**GetDetailInfo()**

When a user right clicks on a node and selects to see details, then this method should be called to retrieve the data which will be in the form of a html string which should just be inserted into the innerhtml of an element on a popup form.

**Send Parameters**

PayRef The reference of the person

**Receive Data (json format)**

Html\_data A string of data to be displayed

**KeepAlive()**

This method is automatically called every minute to keep the session alive so that the asp.net doesn’t automatically log you out of the system