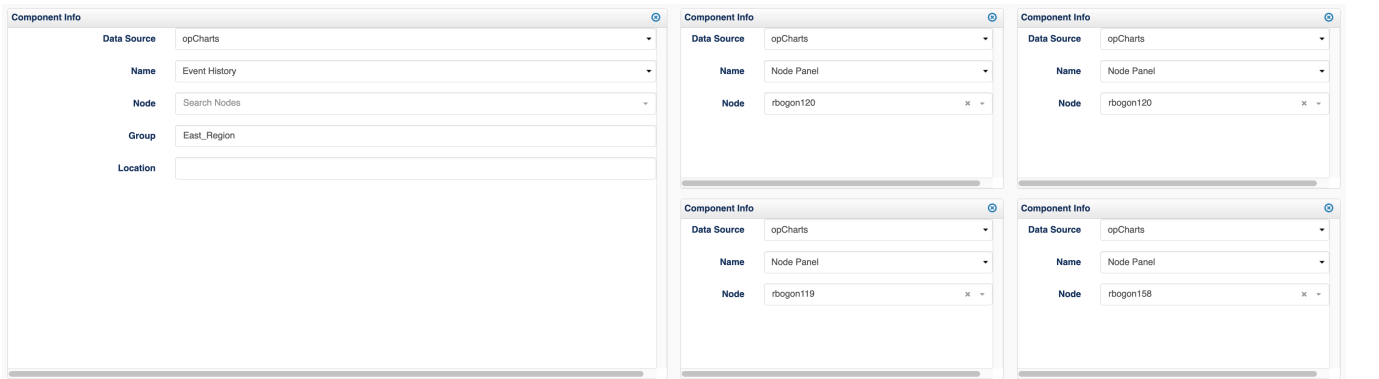


# opCharts Dashboard Component Schema

## Introduction



This page describes which components can be driven through parameter and options overrides and ways from schema can be built to allow user editing.

## Dashboard Components

### Event History

Param	Datatype	Description	GUI Editable
parameters_overrides.node_name_filter	string	Node UUID or name	Yes
parameters_overrides.nodes.configuration.group	string	Node Group	Yes
parameters_overrides.nodes.configuration.location	string	Node Location	Yes

### Node Panel

Param	Datatype	Description	GUI Editable
parameters_overrides.node_uuid	string	Node UUID or name	Yes

## Visual Schema Editing

```
"parameter_schema" : {
  "parameters_overrides-nodes~configuration-group": {"type": "Text", "title": "Group"},
  "parameters_overrides-nodes~configuration~location": {"type": "Text", "title": "Location"}
}
```

An example schema which allows us to configure the group and location of a widget.

parameter\_schema is an object containing keys of the main JSON document you want to edit, currently we only support updating, and editing of values user parameter\_overrides and options\_overrides.

When a dashboard components is loaded it merges the keys from parameters, options with parameter\_overrides and options\_overrides taking precedence for the overrides.

The key of parameter\_schema defines what value in the document is to be updated.

Note "~" is substituted for "." This is to get around an issue with displaying deep form schema.

The value of the hash is an object containing the form schema. The basic from contains theses values:

key	value example	Description
type	"Text"	The editor to use in the field. If not defined, defaults to 'Text'.
title	"Location"	Defines the text that appears in a form field's <label>

### Optional Form Schema

key	value example	Description
validators	[required]	See <a href="#">Backbone Forms Validation</a>
help	"This is Required"	Help text to add next to the editor.

## Supported Form Elements

- Text
- Number
- Password
- TextArea
- Checkbox
- Select
- Select2 (Requires templated\_schema)

## Select Example

You can have prefill out select options, note this can be hard to maintain overtime unless you are dynamically generating components, thats why we have templated schema.

```
"parameter_schema" : {
  "parameters_overrides-node_uuid": { "type": "select", "title": "Select Group", options: ['GROUP-A', 'GROUP-X']}
}
```

## Templated Schema

Schema which Opmantek has built to display data from opCharts or other Opmantek Products

```
"parameter_schema" : {
  "parameters_overrides-node_uuid": { "type": "Select2", "title": "Node", "templated_schema": "ChartsNodeTypeaheadSchema" }
}
```

### ChartsNodeTypeaheadSchema

This renders a typeahead which allows the user to select a Node, it returns the selected nodes UUID

More to come.