

## Populating The Target Range, Row, Column, Or Cell

The dashboard processor (i.e., `$dashboardProcessor`) provides the following methods for populating a target cell, row, column, and range using the data from reports, Java objects, and/or parameters:

1. A single cell:

```
setCellValue($cell, $cellData)
```

2. A single row:

```
setRowValues($row, $rowData)
```

3. A single column:

```
setColumnValues($column, $columnData)
```

4. A range:

```
setRangeValues($range, $rangeData)
```

Here are some examples:

```
$dashboardProcessor.setCellValue($controlNameCell, $control.getCaption())
```

```
#set($rowData = [$v.getCaption(), $v.getDescription(), $v.getDefaultSeverity(), $count])
```

```
$dashboardProcessor.setRowValues($targetRow, $rowData)
```

```
$dashboardProcessor.setRangeValues($report3DataRange, $report3Result)
```

Note that one can nest the three calls that define a data destination, get the data, and populate the target cell/row/column/range into a single call, at the expense of reduced readability. Here is an example of such:

```
$dashboardProcessor.setRangeValues($dashboardProcessor.getRange('DataSheet3', 'A', 'F'),  
$dashboardProcessor.getReportData('/My Reports/Entity Distribution by Criticality'))
```