

Grid Improvements



Extended Grid Functions

The screenshot shows the CaptainCasa Demo Workplace interface. On the left is a 'Components' tree with categories like 'Some simple examples', 'Straight Controls', and 'Containers'. The main area displays a 'Mini Spreadsheet' with a table of data. A 'Grid...' popup menu is open over the table, showing options for 'Text Search' and 'Whole Grid' (CSV Export, XML Export, Clipboard Export). A status bar at the bottom shows 'Grid of Bean Objects' and 'Mini Spreadsheet'.

| Region | Revenue | Cost | Profit |
|--------|---------|------|--------|
| North | 0 | 0 | 0 |
| East | 0 | 0 | 0 |
| South | 0 | 0 | 0 |
| West | 0 | 0 | 0 |
| | 0 | 0 | 0 |

Popup with extended Grid Functions

Text Search

Data Export
 > CSV
 > XML
 > Clipboard

The grid automatically provides cursor-key support, i.e. you can navigate up and down using the arrow keys. The grid by default communicates back to the server when the user selects a row.

No Implementation Effort

- Just call `#{...yourGrid.onOpenGridFunctions}`
 - Search & Export functions are provided automatically as part of the server side grid processing!
 - In case of complex cells containing multiple components within one grid cell:
 - Assign SORTREFERENCE

Example: Text Search

The screenshot displays the CaptainCasa Demo Workplace interface. On the left, a 'Components' sidebar lists various UI elements. The main area shows a 'Mini Spreadsheet' with a table of data. A 'Text Search' dialog is open, showing the search term 'Sou' and a 'Case sensitive' checkbox. A red arrow points from the search dialog to the 'South' row in the spreadsheet, which is highlighted. A speech bubble points to the 'South' row with the text: 'Row is selected, Cell Content is highlighted'.

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CaptainCasa Demo Workplace

Workpage Transition

Components

- Some simple examples
 - Hello World!
 - Mini Spreadsheet
 - Demo Budget
- Straight Controls
 - Basic Controls
 - Field Control
 - Invokers
 - Combo Box
 - Check Box
 - Radio Button
 - Slider
 - Images
- File Upload
- Drag & Drop
- Containers
- Grids and Trees
- General Issues

Mini Spreadsheet

Demo | Layout XML | Server side Java Code

| Region | Revenue | Cost | Profit |
|--------|---------|------|--------|
| North | 0 | 0 | 0 |
| East | 0 | 0 | 0 |
| South | 0 | 0 | 0 |
| West | 0 | 0 | 0 |

Grid...

Text Search

Sou | Case sensitive

Whole Grid

- CSV Export
- XML Export
- Clipboard Export

The grid automatically provides cursor-key support, i.e. you can navigate up and down using the cursor keys. The grid by default communicates back to the server when the user selects a row. You can reduce the number of roundtrips by specifying the attribute

Add new Item Remove selected Item(s) Footer

Grid of Bean Objects Mini Spreadsheet

15(47) ms

Example: CSV Export

The screenshot illustrates the CSV export process in the CaptainCasa Demo Workplace. A 'File download' dialog box is open, showing a list of files in the 'Temp' directory, including 'grid.csv'. A red arrow points from the 'grid.csv' file in the dialog to the 'CSV Export' option in the 'Whole Grid' menu. Another red arrow points from the 'grid.csv' file in the 'File Download' dialog to the 'grid.csv - OpenOffice.org Calc' window, which displays the exported data.

| Region | Revenue | Cost | Profit |
|--------|---------|------|--------|
| North | 0.0 | 0.0 | 0.0 |
| East | 0.0 | 0.0 | 0.0 |
| South | 0.0 | 0.0 | 0.0 |
| West | 0.0 | 0.0 | 0.0 |

Whole Grid \Leftrightarrow Selected Rows

Automatic Adaptation of Export Capabilities

| Region | Revenue | Cost | |
|--------|---------|------|---|
| North | 0 | 0 | 0 |
| East | 0 | 0 | 0 |
| South | 0 | 0 | 0 |
| West | 0 | 0 | 0 |
| | 0 | 0 | 0 |

Text Search

Grid...

Case sensitive

Whole Grid

- CSV Export
- XML Export
- Clipboard Export

Selected Items

- CSV Export
- XML Export
- Clipboard Export

communicates back to the server when the user selects a row. You can reduce the number of roundtrips by specifying the attribute

Add new Item Remove selected Item(s) Footer

Range Selection

Range Selection with alt-Click ... alt-Click

| Region | Revenue | Cost | Profit |
|--------|---------|------|--------|
| North | 0 | 0 | 0 |
| East | 0 | 0 | 0 |
| South | 0 | 0 | 0 |
| West | 0 | 0 | 0 |

Text Search

Case sensitive

Whole Grid

- CSV Export
- XML Export
- Clipboard Export

Selected Range

- CSV Export
- XML Export
- Clipboard Export

communicates back to the server when the user selects a row. You can reduce the number of attributes

Add new Item Remove selected Item(s)

FIXGRID-CELLSELECTION to be set to „true“

Server Side API

- **FIXGRIDBinding**
 - onOpenGridFunctions(ActionEvent event)
 - createTextSearcher()
 - (for overriding defaults)
 - getTextSearcher()
 - onPrevious, setSearchText, onNext
 - createExporter()
 - (for overriding defaults)
 - getExporter()
 - getExport* - methods