

EXT.CFC
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Overview

- * Implements the Ext GridPanel using Ext 2.x,
- * Abstracts the Ext code - making it simple to use.
- * Ability to utilize `<cfgrid>` like magic without CF8.
- * Other great Ext projects to check out: cfExt by Dan Vega, and coldExt by Justin Carter.

Limitations

- * Editable grid is still a work-in-progress.
- * Only get the equivalent of a URL bind expression in `<cfgrid>` - not able to bind data to other resources including JS Objects.
- * Must have `<= CF MX` to use CFCs.

Implementation

```
<cfscript>
  //initialize the Component
  extobj = createobject("component",extcfc).init('/js/ext-2.0');
  //Set the initial grid settings
  extobj.initGrid(title="Sample Users",path='http://'+cgi.server_name&cgi.script_name &
    '?action=getData',root='users',id='id',defaultSortColumn=form.sort,defaultSortOrder=form.dir,detailedView=true);
  //initialize the default grid footer
  extobj.initGridFooter();

  //set each column
  extobj.setGridCol(header='Department',width=200,name='department');
  extobj.setGridCol(header='First name',width=200,name='firstname');
  extobj.setGridCol(header='Last name',width=150,name='lastname');

  //set grouping if you want
  extobj.setGridGrouping('department');

  //add details row
  extobj.setGridRowBody('address');
</cfscript>
```

First, include the necessary JavaScript files:

- Adapter of choice
- Ext files

Output the grid

```
<cfoutput>
  <cfif extobj.printGrid()>
    <!-- success -->
  <cfelse>
    The following errors occurred:
    <ul>
      <cfloop from="1" to="#arraylen(extobj.errorMessages)#" index="i">
        <li>#extobj.errorMessages[i]#</li>
      </cfloop>
    </ul>
  </cfif>
</cfoutput>
```

Return the data

```
<!-- MySQL -->
<cfquery name="users" datasource="#dsn#">
  SELECT firstname, lastname, department, id
  FROM users
  ORDER BY #form.sort# #form.dir#
  LIMIT #form.limit#<cfif form.start gt 1>, #form.start#</cfif>
</cfquery>
<cfquery name="usercount" datasource="#dsn#">
  SELECT COUNT(id) as totalcount
  FROM users
</cfquery>

<cfscript>
  extobj = createobject("component",extcfc).init();
  extobj.setGridQuery(users,usercount.totalcount);
  //clear server output buffer
  getPageContext().getOut().clearBuffer();
  extobj.printJsonData();
</cfscript>
```

DEMO

Demo agenda

- * Basic grid panel.
- * Add in grouping.
- * Preview editable grid.

QUESTIONS?