Zend_DataGrid

<ac:macro ac:name="note"><ac:parameter ac:name="title">Under Construction</ac:parameter><ac:rich-text-body>
This proposal is under construction and is not ready for review. </ac:rich-text-body></ac:macro>
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Zend Framework: Zend_DataGrid Component Proposal

Proposed Component Name	Zend_DataGrid
Developer Notes	http://framework.zend.com/wiki/display/ZFDEV/Zend_DataGrid
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Zend Liaison	TBD
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The design of columns

1. Overview

Zend_DataGrid is a component that displays the values of a data source in a table where each column represents a field and each row represents a record. The DataGrid component supports the following features:
Binding to data source controls, such as Zend_Db_Select, Zend_Db_Table, XML, CSV, RSS...Build-in columns capabilities (text, hyperlink, checkbox, radiobox, tree, template columns...).Built-in sorting capabilities.Built-in paging capabilities.Built-in row selection capabilities.Programmatic access to the DataGrid object model to dynamically set properties...Customizable appearance through styles.

2. References

- GridView Wikipedia Entry
- .NET Datagrid
- PEAR Structures Datagrid
- JDatagrid
- Framework Prado Datagrid
- Flash Datagrid
- phpGrid
- Example of Screenshots

3. Component Requirements, Constraints, and Acceptance Criteria

- This component **will** provide extensibility to create automatically Html Table.
- This component **will** provide XHTML valid output.

4. Dependencies on Other Framework Components

- Zend_Exception
- Zend_Paginator
- Zend_Form_Element_*
- Zend_View_Helper_*
- Zend_Config_*

5. Theory of Operation

The component will displays grid in HTML, XML... formats with few renderers

6. Milestones / Tasks

- Milestone 1: Initial class design
- Milestone 2: Create prototype
- Milestone 3: Finish proposal and submit for community review
- Milestone 4: Create code-covering unit tests
- Milestone 5: Initial documentation exists.

7. Class Index

- Zend_DataGrid
- Zend_DataGrid_Exception
- Zend_DataGrid_Column
- Zend_DataGrid_DisplayGroup
- Zend_DataGrid_Column_Button
- Zend_DataGrid_Column_Checkbox
- Zend_DataGrid_Column_DropDownList
- Zend_DataGrid_Column_EditCommand
- Zend_DataGrid_Column_HyperLink
- Zend_DataGrid_Column_Image
- Zend_DataGrid_Column_Literal
- Zend_DataGrid_Column_Radiobox
- Zend_DataGrid_Column_Template
- Zend_DataGrid_Column_Exception
- Zend_DataGrid_Renderer_Abstract
- Zend_DataGrid_Renderer_Xhtml
- Zend_DataGrid_Renderer_CVS
- Zend_DataGrid_Renderer_Exception
- Zend_DataGrid_Datasource_Abstract
- Zend_DataGrid_Datasource_Array
- Zend_DataGrid_Datasource_DbSelect
- Zend_DataGrid_Datasource_DbTable
- Zend_DataGrid_Datasource_Xml
- Zend_DataGrid_Datasource_Exception

- Zend_View_Helper_Datagrid

8. Use Cases

9. Class Skeletons

The design of columns

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