

Datalist Binder Plugin

- [Usages](#)
- [Abstract Class](#)
 - [org.joget.apps.datalist.model.DataListBinderDefault](#)
 - [Field Detail](#)
 - [Constants](#)
 - [USERVIEW_KEY_SYNTAX](#)
 - [Method Detail](#)
 - [Abstract Methods](#)
 - [getColumns](#)
 - [getPrimaryKeyColumnName](#)
 - [getData](#)
 - [getDataTotalRowCount](#)
 - [Overridable Methods](#)
 - [getColumnName](#)
 - [processFilterQueryObjects](#)
- [Plugin Properties Options](#)
- [Tutorials](#)
- [Related Community Plugins](#)

Usages

- Used to extend methods of loading data for a Datalist. Please refer to [Datalis Builder - Source](#).
- A useable Datalist Binder plugin must extends [org.joget.apps.datalist.model.DataListBinderDefault](#) abstract class.

Abstract Class

org.joget.apps.datalist.model.DataListBinderDefault

- Under wflow-core module
- Extended [org.joget.plugin.base.ExtDefaultPlugin](#). Please refer to [Plugin Base Abstract Class and Interface](#).
- Implemented [org.joget.plugin.property.model.PropertyEditable](#). Please refer to [Plugin Base Abstract Class and Interface](#).
- A base abstract class to develop a Datalist Binder Plugin.

Field Detail

Constants

[USERVIEW_KEY_SYNTAX](#)

```
public static final String USERVIEW_KEY_SYNTAX = "#userviewKey#";
```

Not using by system. Can be use as a syntax to replace it with userview key value.

Method Detail

Abstract Methods

[getColumns](#)

```
public org.joget.apps.datalist.model.DataListColumn[] getColumns()
```

Columns meta returned by the binder. Field "name", "label" and "sortable" are needed by system.

[getPrimaryKeyColumnName](#)

```
public java.lang.String getPrimaryKeyColumnName()
```

The primary key / identifier column for the data

[getData](#)

```
public org.joget.apps.datalist.model.DataListCollection getData(org.joget.apps.datalist.model.DataList
datalist, java.util.Map properties, org.joget.apps.datalist.model.DataListFilterQueryObject[]
filterQueryObjects, java.lang.String sort, java.lang.Boolean desc, java.lang.Integer start, java.lang.
Integer rows)
```

The data rows returned by the binder based on the current filter.

getDataTotalRowCount

```
public int getDataTotalRowCount(org.joget.apps.datalist.model.DataList dataList, java.util.Map properties,
org.joget.apps.datalist.model.DataListFilterQueryObject[] filterQueryObjects)
```

Total number of rows returned based on the current filter.

Overridable Methods

getColumnName

```
public java.lang.String getColumnName(java.lang.String name)
```

To get the actual column name

processFilterQueryObjects

```
public org.joget.apps.datalist.model.DataListFilterQueryObject processFilterQueryObjects(org.joget.apps.
datalist.model.DataListFilterQueryObject[] filterQueryObjects)
```

Construct filter conditions

Plugin Properties Options

- Please refer to [Plugin Properties Options](#) for more information.

Tutorials

- [Guideline for developing a plugin](#)
- [How to develop an Amazon S3 Datalist Binder](#)

Related Community Plugins

- **Form Data Binder**
org.joget.apps.datalist.lib.FormRowDataListBinder (wflow-core)