

DataListService

Description

- `org.joget.apps.datalist.service.DataListService`
- Under `wflow-core` module
- Service class to manage data lists

Code Sample

```
import org.joget.apps.app.dao.DatalistDefinitionDao;
import org.joget.apps.app.model.AppDefinition;
import org.joget.apps.app.model.DatalistDefinition;
import org.joget.apps.app.service.AppService;
import org.joget.apps.app.service.AppUtil;
import org.joget.apps.datalist.model.DataList;
import org.joget.apps.datalist.service.DataListService;

AppService appService = (AppService) AppUtil.getApplicationContext().getBean("appService");
DataListService dataListService = (DataListService) AppUtil.getApplicationContext().getBean("dataListService");
DatalistDefinitionDao datalistDefinitionDao = (DatalistDefinitionDao) AppUtil.getApplicationContext().getBean("datalistDefinitionDao");

String id = "crm_account";
String appId = "crm";
Long appVersion = appService.getPublishedVersion(appId);

AppDefinition appDef = appService.getAppDefinition(appId, appVersion.toString());
DatalistDefinition datalistDefinition = datalistDefinitionDao.loadById(id, appDef);

if (datalistDefinition != null) {
    //retrieve the datalist object
    DataList list = dataListService.fromJson(datalistDefinition.getJson());
}
```

Methods

`fromJson`

```
public org.joget.apps.datalist.model.DataList fromJson(String json)
```

Create a `DataList` object from JSON definition.

`evaluateColumnValueFromRow`

```
public org.joget.apps.datalist.model.DataList evaluateColumnValueFromRow(Object row, String propertyName)
```

Retrieve a column value from the specified row and column. **row** expects another row object and **propertyName** expects a property value from a column id.

`getAction`

```
public org.joget.apps.datalist.model.DataListAction getAction(String className)
```

Retrieve an action plugin by class name.

`getAvailableActions`

```
public org.joget.apps.datalist.model.DataListAction[] getAvailableActions()
```

Returns an array of available action plugins. For now, ID is the fully qualified class name.

`getAvailableBinders`

```
public org.joget.apps.datalist.model.DataListBinder[] getAvailableBinders()
```

Returns an array of available binder plugins. For now, ID is the fully qualified class name.

`getAvailableFormats`

```
public org.joet.apps.datalist.model.DataListColumnFormat[] getAvailableFormats()
```

Returns an array of available formatter plugins. For now, ID is the fully qualified class name.

```
getBinder
```

```
public org.joet.apps.datalist.model.DataListBinder getBinder(String id)
```

Retrieve a binder plugin by ID. For now the ID is the class name.