Change Control Document for compound extends

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1. Introduction

This feature is to use library/design compound elements such as table, grid, etc. in the report design. Child element extends the layout from parent, and each content element in the child can override the properties.

2. Changed APIs:

2.1 Name = `ContentException`

Package name = org.eclipse.birt.report.model.api.command

Change Request:

Add new error code:

public static final String DESIGN_EXCEPTION_STRUCTURE_CHANGE_FORBIDDEN = MessageConstants.CONTENT_EXCEPTION_STRUCTURE_CHANGE_FORBIDDEN;

2.2 Name = ExtendsException

Package name = org.eclipse.report.model.api.command

Change Request:

Add new error code:

```
public  static  final  String  DESIGN_EXCEPTION_EXTENDS_FORBIDDEN  =
MessageConstants.EXTENDS_EXCEPTION_EXTENDS_FORBIDDEN;
```

2.3 Name = PropertyValueException

Package name = org.eclipse.report.model.api.metadata

Change Request:

Add new error code:

```
public static final String DESIGN_EXCEPTION_PROPERTY_CHANGE_FORBIDDEN =
MessageConstants.PROPERTY_VALUE_EXCEPTION_PROPERTY_CHANGE_FORBIDDEN;
```

3. Added APIs:

2.4 Name = DesignElementHandle

Package name = org.eclipse.report.model.api

Change Request:

Add new method:

```
public boolean canDrop();
```

Description:

This API tells whether a Design Element can be dropped from the design tree. One case that an element can not be dropped is that the element itself is inside a child element (extends from a parent). This API is mostly used by UI to enable/disable a drop action.

4. Removed APIs:

N/A

5. Miscellaneous Change Requests

N/A