

CustomDatasetProvider

excelsqldb

AbstractCustomDatasetProvider

```
@API(level = CustomDatasetProvider.CURRENT_LEVEL)
public abstract class AbstractCustomDatasetProvider implements CustomDatasetProvider {

    @Override
    public int currentAPILevel() {
        return CustomDatasetProvider.CURRENT_LEVEL;
    }

    @Override
    public String mark4Provider() {
        return getClass().getName();
    }
}
```

```
<extra-core>
    <CustomDatasetProvider class="AbstractCustomDatasetProvider"/>
</extra-core>
```

AbstractCustomDatasetGenerator

```
public abstract class AbstractCustomDatasetGenerator implements CustomDatasetGenerator, Serializable {

    @Override
    public boolean match(String name) {
        return CompareUtils.isEqual(name, getName());
    }
}
```

- sql

AbstractDefaultDatasourceGenerator

```
public abstract class AbstractDefaultDatasourceGenerator implements CustomDatasetDatasourceGenerator {

    @Override
    public final boolean isSupportedSql() {
        return false;
    }

    @Override
    public final RowIterator getRowIterator(List<String> jsonContexts, List<CustomDatasetContext>
datasetContexts, String sql, List<ColumnInformation[]> columnInfos) {
        throw new UnsupportedOperationException("getRowIterator with sql not supported.");
    }

    @Override
    public final Dialect getDialect(String jsonContext, CustomDatasetContext datasetContext) {
        throw new UnsupportedOperationException("getDialect with sql not supported.");
    }

    // SQL
}
```

- sql

AbstractSqlSupportedDatasourceGenerator

```
public abstract class AbstractSqlSupportedDatasourceGenerator implements
CustomDatasetDatasourceGenerator {

    @Override
    public final boolean isSupportedSql() {
        return true;
    }

    @Override
    public final RowIterator getRowIterator(String jsonContext, CustomDatasetContext datasetContext,
ColumnInformation[] columnInfos) {
        throw new UnsupportedOperationException("getRowIterator without sql not supported.");
    }

    // SQL
}
```

CustomDatasetPageGenerator

```
@Open
public interface CustomDatasetPageGenerator {

    /**
     *
     */
    String getIcon(CustomDatasetContext datasetContext);

    /**
     * html
     */
    String getEditPageHTML(CustomDatasetContext datasetContext);

    /**
     * Component
     */
    AssembleComponent getComponent(CustomDatasetContext datasetContext);
}
```