## Package Definition Worksheet

### Introduction

Besides the Basic Package information, Package Definition Worksheet define the relationship with Class Definition Worksheet. Objects to be used in the Class need to be defined in the Object Definition section first.

### Basic Settings

Define the basic information for a Java Package.

|  |  |
| --- | --- |
| **Item** | **Description** |
| Configuration Type | Default ‘Java Package |
| Package Name | Define the name of this Java Package. For example com.company.myfirstjavaproject |
| Jar name | If you want to get a compiled Jar (Source Type is Jar). define the name for exported Jar here. |
| Maven Group ID | Define a unique Group ID for this package, usually it could be same as the package name |
| Maven Artifact ID | Define a unique Artifact ID which could be concatenated to this group id. For example myfirstjavaproject |
| Maven Version | Version number of this Java Project |
| License Key | tbc |

### Classes

Define the Class sheet name included in this Java Package

### Object Definition

#### Object Name

Name of the object. It must begin with an alphabet and contain no space and dot. It must not be the same as any Class Name.

#### Property Name

Property name. It must start with an alphabet and does not contain space and dot.

#### Property Type

Object - an entity would be presented as a Java Object, such as customer, stock, order etc. The object should be defined in the Java Package Definition sheet

Object List - a List of Object.

Basic Data - Integer, Double, String, Date, Boolean

Basic Data List - a list of basic data type

#### Property Class

If Property Type is Basic Data or Basic Data List, Return Class can be: Integer, Double, Boolean, Date, String

If Property Type = Object or Object List, Property Class is the Object Name. The object should be defined in the Java Package Definition sheet

#### Date Format

Indicate the date format string when Property Class is Date or there has a date property in the object when Property Class is an Object name. Otherwise, it should be empty.

### Unit Test Settings

#### Properties

|  |  |
| --- | --- |
| **Properties** | **Description** |
| unit-test.datasource.driver-class-name | Unit test DB driver, currently support below  Oracle: orcal.jdbc.driver.OracleDriver  Mysql: com.mysql.jdbc.Driver |
| unit-test.datasource.jdbc-url | Unit test DB connection information in JDBC format  For example jdbc:[oracle/mysql]:thin:@[Host]:[Port]:[SID] |
| unit-test.datasource.username | DB login user name |
| unit-test.datasource.password | Password of DB user |
| unit-test.resource.path | Path of unit test resource files |