

Daro Generic Persistence v1.0 - Software Architecture

Dario A. Palminio

May 26, 2015

Licence: Creative Commons by-sa 4.0
<https://creativecommons.org/licenses/by-sa/4.0/>

Documentation control

Date	Author	Version	Detail
05/05/2015	Dario Palminio	1.0	Creation

Contents

1	Introduction	5
1.1	Purpose of the document	5
1.2	Audience	5
2	Architecture	7
2.1	Scope and Context	7
2.2	High-level Architecture	7

Chapter 1

Introduction

Generic Persistence is un component (package) that implements DAO Generic Persistence in Java.

1.1 Purpose of the document

The purpose of this document is to show the general architecture of a Java component called "Daro Generic Persistence".

1.2 Audience

Because the document is public license (Creative Commons by-sa 4.0) it was written for anyone interested audience.

Chapter 2

Architecture

2.1 Scope and Context

The "Generic Persistence" component consists of a JAR package ("com.daro.persistence.generic") named "GenericPersistence-<VERSION>.jar" that can be used from other applications ("Concrete Persistence Service" or application) by extending the core classes.

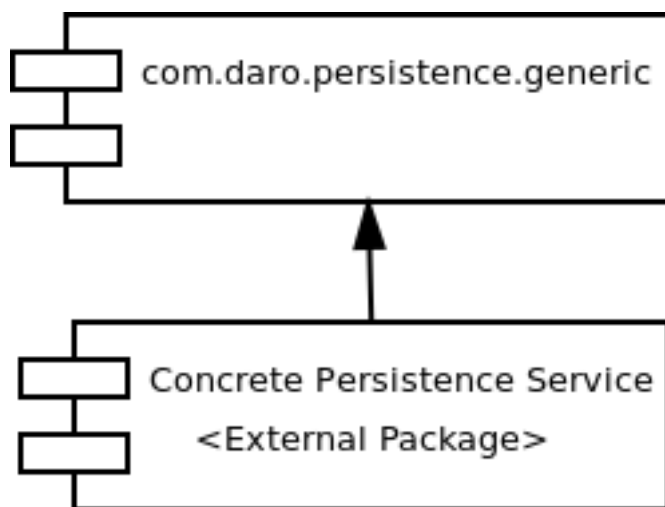


Figure 2.1: Context Diagram - Package Diagram

2.2 High-level Architecture

Class Diagram

The classes described below belong to the package named "com.daro.persistence.generic".

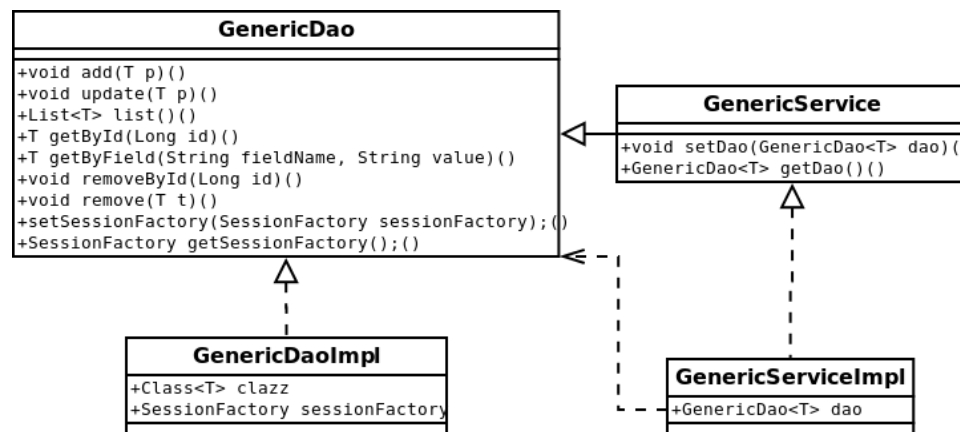


Figure 2.2: General class diagram - high level

Example of Client

Here's a way to use the component. This example corresponds to the component testing.

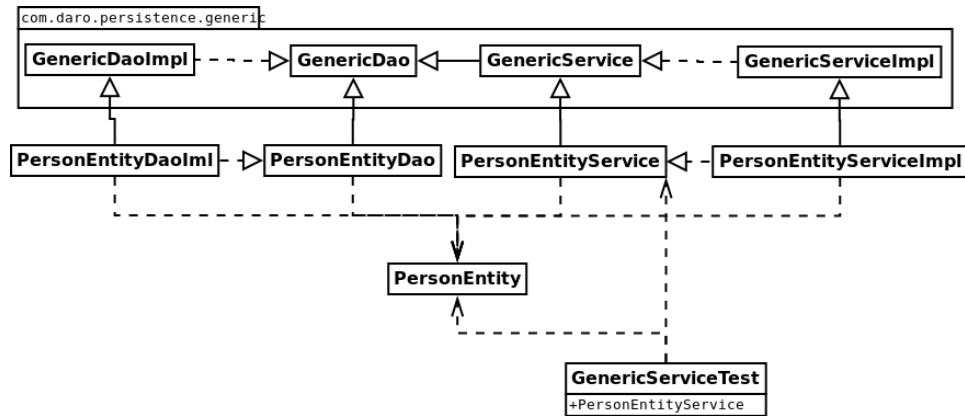


Figure 2.3: Example of how to use - diagram