

# Codebay Task

**Author: Domingo Pérez**

**Date: 27/02/2019**

**GitHub: <https://github.com/p4pupro>**

**Index.**

- 1. Technical description.**
- 2. Chosen solution.**
- 3. Remarks.**

**1-**

- The project's architecture: a Maven project.
- Maven version: 4.0.0
- Java version: 1.8
- Used dependencies:

```
<dependency>
  <groupId>log4j</groupId>
  <artifactId>log4j</artifactId>
  <version>1.2.12</version>
</dependency>
<dependency>
  <groupId>com.google.code.gson</groupId>
  <artifactId>gson</artifactId>
  <version>2.8.5</version>
</dependency>
```

Log4j is just for give a system log to the application and Gson is for management json format and casting to java object.

**2-**

I have decided on a solution that transforms the "Json String" format into "Java object" format , because although it may seem more complex at first sight then facilitates much work and saves a lot of lines of code, providing a simpler and easier solution, I have also used java 8, to reduce complexity by taking advantage of Lambda functions.

perhaps the most complex has been the treatment of dates, as it always requires a lot of work.

**3-**

In general, it has seemed to me a simple practice applicable to the real world, I hope to have fulfilled the desired expectations and to have respected the guidelines in terms of documentation and clean code.

Without further ado, it has been a pleasure, greetings.

**Domingo Perez.**

