

Joda-Time

Overview

- Library intended to replace Calendar classes in the Java standard library
- Since it is a library, it cannot be directly run. However, you can use the existing test suite or write your own simple test cases to expose a certain functionality
- However, remember that constraints should not be traced to test code
- Please get familiar with the general structure of the library by reading <https://www.joda.org/joda-time/userguide.html>

Architecture notes

- DateTime only stores a millisecond value (milliseconds since the epoch) as is common for time representations in computing. Values like “hour of day” or “day of week” are calculated on demand, which means you will have to call a method to see their value, such as
`org.joda.time.base.AbstractDateTime#getHourOfDay`
- A DateTime object depends on a Chronology object to convert the millisecond value to a date, e.g. year-month-day. Different chronologies have different ways of doing this

Installation

1. Download <https://github.com/JodaOrg/joda-time/archive/v2.10.3.zip>
2. Import into IntelliJ by selecting the pom.xml file in the Project from existing sources dialog