

# Date and Time API with Hibernate 5

## JDBC Mappings

Java type	JDBC type
<code>java.time.Duration</code>	BIGINT
<code>java.time.Instant</code>	TIMESTAMP
<code>java.time.LocalDateTime</code>	TIMESTAMP
<code>java.time.LocalDate</code>	DATE
<code>java.time.LocalTime</code>	TIME
<code>java.time.OffsetDateTime</code>	TIMESTAMP
<code>java.time.OffsetTime</code>	TIME
<code>java.time.ZonedDateTime</code>	TIMESTAMP

## Add hibernate-java8.jar to your classpath

```
<dependency>
  <groupId>org.hibernate</groupId>
  <artifactId>hibernate-java8</artifactId>
  <version>5.1.0.Final</version>
</dependency>
```

## No @Temporal annotation required

```
@Column
private LocalDate date;

@Column
private LocalDateTime dateTime;

@Column
private Duration duration;
```