

Date and Time

Java Runtime Environment

- 1) `spring.datasource.url=jdbc:mysql://...:3306/...?useLegacyDatetimeCode=false&serverTimezone=UTC`
`spring.jpa.properties.hibernate.jdbc.time_zone=UTC`
- 2)

```
@SpringBootApplication
@PropertySource("classpath:application.properties")
public class NevisApp
{
    ...
    @PostConstruct
    void started()
    {
        var time_zone = env.getProperty("spring.jpa.properties.hibernate.jdbc.time_zone");
        TimeZone.setDefault(TimeZone.getTimeZone(time_zone));
    }
}
```
- 3)

```
public static String formatDateTimeToUTCstring(LocalDateTime localDateTime) {
    return localDateTime.format(DateTimeFormatter.ISO_LOCAL_DATE_TIME) + "Z";
}
```

If you still have a problem with the time zone, then it may make sense to read the article [Time Zone Settings in the JRE](#).

MySQL

```
sudo nano /etc/mysql/my.cnf
```

```
!includedir /etc/mysql/conf.d/
!includedir /etc/mysql/mysql.conf.d/
```

```
[mysqld]
default-time-zone='+00:00'
```

```
sudo service mysql restart
```