

# 日期类型规范

前后端数据传输统一日期格式

```
1 private static final String DATE_FORMAT = "yyyy-MM-dd";  
2 private static final String DATETIME_FORMAT = "yyyy-MM-dd HH:mm:ss";  
3 private static final String TIME_FORMAT = "HH:mm:ss";
```

## Java8日期

在接口使用日期类型时，应当使用LocalDateTime, LocalDate, LocalTime

配置实现了，对于LocalDateTime, LocalDate, LocalTime的对象入参出参和Controller方法参数入参的序列化和反序列化

上述time包日期封装类对比Date，它的api对于日期内的操作更加友好，代码简洁

## 框架配置



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```
1  @Bean
2  @Primary
3  public Jackson2ObjectMapperBuilderCustomizer jackson2ObjectMapperBuilderC
4      return builder -> builder.serializerByType(LocalDateTime.class, new L
5          .serializerByType(LocalDate.class, new LocalDateSerializer(Da
6          .serializerByType(LocalTime.class, new LocalTimeSerializer(Da
7          .deserializerByType(LocalDateTime.class, new LocalDateTimeDes
8          .deserializerByType(LocalDate.class, new LocalDateDeserializ
9          .deserializerByType(LocalTime.class, new LocalTimeDeserializ
10 }
11
12 @Component
13 public static class LocalDateConverter implements Converter<String, Local
14     @Override
15     public LocalDate convert(@NonNull String source) {
16         return LocalDate.parse(source, DateTimeFormatter.ofPattern(DATE_F
17     }
18 }
19
20 @Component
21 public static class LocalDateTimeConverter implements Converter<String, L
22     @Override
23     public LocalDateTime convert(@NonNull String source) {
24         return LocalDateTime.parse(source, DateTimeFormatter.ofPattern(DA
25     }
26 }
```

