



链滴

SpringMvc 时间转换器

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来源网站: [链滴](#)

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```

import java.text.ParseException;
import java.text.SimpleDateFormat;
import java.util.Date;
import java.util.regex.Pattern;

import org.springframework.beans.TypeMismatchException;
import org.springframework.core.convert.converter.Converter;

public class DataConverter implements Converter<String, Date> {

    @Override
    public Date convert(String source) {
        SimpleDateFormat sdf = getSimpleDateFormat(source);
        try {
            Date date = sdf.parse(source);
            return date;
        } catch (ParseException e) {
            e.printStackTrace();
        }
        return null;
    }

    private SimpleDateFormat getSimpleDateFormat(String source) {
        SimpleDateFormat sdf = new SimpleDateFormat();
        if (Pattern.matches("^\\d{4}-\\d{2}-\\d{2}$", source)) { // yyyy-MM-dd
            sdf = new SimpleDateFormat("yyyy-MM-dd");
        } else if (Pattern.matches("^\\d{4}-\\d{2}-\\d{2} \\d{2}-\\d{2}-\\d{2}$", source)) { // yyyy-MM-dd HH-mm-ss
            sdf = new SimpleDateFormat("yyyy-MM-dd HH-mm-ss");
        } else if (Pattern.matches("^\\d{4}-\\d{2}-\\d{2} \\d{2}:\\d{2}:\\d{2}$", source)) { // yyyy-MM-dd HH:mm:ss
            sdf = new SimpleDateFormat("yyyy-MM-dd HH:mm:ss");
        } else if (Pattern.matches("^\\d{4}/\\d{2}/\\d{2}$", source)) { // yyyy/MM/dd
            sdf = new SimpleDateFormat("yyyy/MM/dd");
        } else if (Pattern.matches("^\\d{4}/\\d{2}/\\d{2} \\d{2}/\\d{2}/\\d{2}$", source)) { // yyyy/MM-dd HH/mm/ss
            sdf = new SimpleDateFormat("yyyy/MM/dd HH/mm/ss");
        } else if (Pattern.matches("^\\d{4}\\d{2}\\d{2}$", source)) { // yyyyMMdd
            sdf = new SimpleDateFormat("yyyyMMdd");
        } else if (Pattern.matches("^\\d{4}\\d{2}\\d{2} \\d{2}\\d{2}\\d{2}$", source)) { // yyyyMMdd Hmms
            sdf = new SimpleDateFormat("yyyyMMdd Hmms");
        } else if (Pattern.matches("^\\d{4}\\.\\d{2}\\d{2}$", source)) { // yyyy.MM.dd
            sdf = new SimpleDateFormat("yyyy.MM.dd");
        } else if (Pattern.matches("^\\d{4}\\.\\d{2}\\d{2} \\d{2}\\d{2}\\d{2}$", source)) { // yyyy.MM.dd HH.mm.ss
            sdf = new SimpleDateFormat("yyyy.MM.dd HH.mm.ss");
        } else {
            System.out.println("TypeMismatchException");
            throw new TypeMismatchException(source, Date.class);
        }
        return sdf;
    }
}

```

```
}  
使用  
<!-- 注册日期转换器 -->  
<bean id="conversionServiceFactoryBean"  
  class="org.springframework.context.support.ConversionServiceFactoryBean">  
  <property name="converters">  
    <set>  
      <bean class="com.alisingle.utils.DataConverter" />  
    </set>  
  </property>  
</bean>
```