

# What is Spring EL?



- ❑ The Spring Expression Language (SpEL) is a powerful expression language that supports querying and manipulating an object graph at runtime.
- ❑ SpEL expressions begin with the # symbol and are wrapped in braces: `{expression}`.
- ❑ Properties can be referenced in a similar fashion, starting with a \$ symbol and wrapped in braces: `{property.name}`.

# Operators



Type	Operators
Arithmetic	+, -, *, /, %, ^, div, mod
Relational	<, >, ==, !=, <=, >=, lt, gt, eq, ne, le, ge
Logical	and, or, not, &&,   , !
Conditional	?:
Regex	matches

# Operator Examples



```
@Value("#{helloBean.message != null ?  
helloBean.message : 'Hello'}")  
private String message;
```

```
@Value("#{helloBean.message ?: 'Hello'}")  
private String message;
```

```
@Value("#{customer.mobile matches '[0-9]{10}'}")  
private boolean validMobile;
```

```
@Value("#{customer.emails[0]}")           // List  
private String firstEmail;
```

```
@Value("#{customer.phones['home']}")       // Map  
private String homePhone;
```