

Appendix A: Validation Annotations

Annotation	Data Types	Description
@Null	Any	Check if it's null (affects column)
@NotNull	Any	Check that it's not null
@Valid	Any non-primitive	Go into the object and validate it
@AssertFalse	Boolean	Check that it's false
@AssertTrue	Boolean	Check that it's true
@Future	Date or Calendar	Check that it's in the future
@Past	Date or Calendar	Check that it's in the past
@Size(min=,max=)	String / Collection	Check size is >= min and <= max, column length set to max
@Pattern(regex=,flag=)	String	Check that it matches the regex
@Min(value=)	Numeric types	Check that it's not lower
@Max(value=)	Numeric types	Check that it's not higher
@DecimalMin(value=,inclusive=)	Numeric types	Check that it's not lower
@DecimalMax(value=,inclusive=)	Numeric types	Check that it's not higher
@Digits(integer=,fraction=)	Numeric types	Checks if it has less digits /fractions than given
@CreditCardNumber	String	Credit Cards
@EAN	String	Barcode
@Email	String	Email address

Pointcut Execution Language: ("execution(public * *.*.*(..))")

ProceedingJoinPoint class (from AOP library) has the following methods:

Return type	Method
java.lang.Object	proceed (java.lang.Object[] args)
java.lang.Object	proceed ()
java.lang.Object[]	getArgs ()
java.lang.Object	getTarget ()

@Before, @Around, @After, @AfterThrowing, @AfterReturning