

org.springframework.web.bind.annotation

## Annotation Type PathVariable

```
@Target(value=PARAMETER)
@Retention(value=RUNTIME)
@Documented
public @interface PathVariable
```

Annotation which indicates that a method parameter should be bound to a URI template variable. Supported for `RequestMapping` annotated handler methods in Servlet environments.

If the method parameter is `Map<String, String>` or `MultiValueMap<String, String>` then the map is populated with all path variable names and values.

Since:  
3.0

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See Also:  
`RequestMapping`, `RequestMappingHandlerAdapter`, `AnnotationMethodHandlerAdapter`

### Optional Element Summary

Optional Elements	
Modifier and Type	Optional Element and Description
String	<b>name</b> The name of the path variable to bind to.
boolean	<b>required</b> Whether the path variable is required.
String	<b>value</b> Alias for <code>name()</code> .

### Element Detail

<b>value</b>
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```
@AliasFor(value="name")  
public abstract String value
```

Alias for name().

**Default:**

""

**name**

```
@AliasFor(value="value")  
public abstract String name
```

The name of the path variable to bind to.

**Since:**

4.3.3

**Default:**

""

**required**

```
public abstract boolean required
```

Whether the path variable is required.

Defaults to true, leading to an exception being thrown if the path variable is missing in the incoming request. Switch this to false if you prefer a null or Java 8 `java.util.Optional` in this case. e.g. on a `ModelAttribute` method which serves for different requests.

**Since:**

4.3.3

**Default:**

true