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org.springframework.web.bind.annotation

## Annotation Type RequestParam

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

Annotation which indicates that a method parameter should be bound to a web request parameter.

Supported for annotated handler methods in Servlet and Portlet environments.

If the method parameter type is `Map` and a request parameter name is specified, then the request parameter value is converted to a `Map` assuming an appropriate conversion strategy is available.

If the method parameter is `Map<String, String>` or `MultiValueMap<String, String>` and a parameter name is not specified, then the map parameter is populated with all request parameter names and values.

Since:  
2.5

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

### Optional Element Summary

Optional Elements	
Modifier and Type	Optional Element and Description
String	<b>defaultValue</b> The default value to use as a fallback when the request parameter is not provided or has an empty value.
String	<b>name</b> The name of the request parameter to bind to.
boolean	<b>required</b>

Whether the parameter is required.

**String**

**value**

Alias for **name()**.

## Element Detail

### value

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

Alias for **name()**.

**Default:**

" "

### name

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

The name of the request parameter to bind to.

**Since:**

4.2

**Default:**

" "

### required

```
public abstract boolean required
```

Whether the parameter is required.

Defaults to **true**, leading to an exception being thrown if the parameter is missing in the request. Switch this to **false** if you prefer a null value if the parameter is not present in the request.

Alternatively, provide a **defaultValue()**, which implicitly sets this flag to **false**.

**Default:**

**true**

## defaultValue

public abstract [String](#) defaultValue

The default value to use as a fallback when the request parameter is not provided or has an empty value.

Supplying a default value implicitly sets [required\(\)](#) to false.

**Default:**

```
"\n\t\t\n\t\t\n\ue000\ue001\ue002\n\t\t\t\t\n"
```

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