

Validate

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Available as of Camel 2.3

Validate uses an expression or predicates to validate the contents of a message. It is useful for ensuring that messages are valid before attempting to process them.

You can use the validate DSL with all kind of Predicates and Expressions. Validate evaluates the Predicate/Expression and if it is false a `PredicateValidationException` is thrown. If it is true message processing continues.

Using from Java DSL

The route below will read the file contents and validate them against a regular expression.

```
from("file://inbox")
    .validate(body(String.class).regex("^\\w{10}\\,\\d{2}\\,\\w{24}$"))
    .to("bean:MyServiceBean.processLine");
```

Validate is not limited to the message body. You can also validate the message header.

```
from("file://inbox")
    .validate(header("bar").isGreaterThan(100))
    .to("bean:MyServiceBean.processLine");
```

You can also use validate together with [simple](#).

```
from("file://inbox")
    .validate(simple("${in.header.bar} == 100"))
    .to("bean:MyServiceBean.processLine");
```

Using from Spring DSL

To use validate in the Spring DSL, the easiest way is to use [simple](#) expressions.

```
<route>
  <from uri="file://inbox"/>
  <validate>
    <simple>${body} regex ^\\w{10}\\,\\d{2}\\,\\w{24}$</simple>
  </validate>
  <beanRef ref="myServiceBean" method="processLine"/>
</route>

<bean id="myServiceBean" class="com.mycompany.MyServiceBean"/>
```

The XML DSL to validate the message header would look like this:

```
<route>
  <from uri="file://inbox"/>
  <validate>
    <simple>${in.header.bar} == 100</simple>
  </validate>
  <beanRef ref="myServiceBean" method="processLine"/>
</route>

<bean id="myServiceBean" class="com.mycompany.MyServiceBean"/>
```

Using This Pattern

If you would like to use this EIP Pattern then please read the [Getting Started](#), you may also find the [Architecture](#) useful particularly the description of [Endpoint](#) and [URIs](#). Then you could try out some of the [Examples](#) first before trying this pattern out.