

# Durable Subscriber

## Durable Subscriber

Camel supports the [Durable Subscriber](#) from the [EIP patterns](#) using the [JMS](#) component which supports publish & subscribe using Topics with support for non-durable and durable subscribers.

[blocked URL](#)

Another alternative is to combine the [Message Dispatcher](#) or [Content Based Router](#) with [File](#) or [JPA](#) components for durable subscribers then something like [SEDA](#) for non-durable.

Here is a simple example of creating durable subscribers to a [JMS](#) topic

### Using the [Fluent Builders](#)

```
from("direct:start").to("activemq:topic:foo");

from("activemq:topic:foo?clientId=1&durableSubscriptionName=bar1").to("mock:result1");

from("activemq:topic:foo?clientId=2&durableSubscriptionName=bar2").to("mock:result2");
```

### Using the [Spring XML Extensions](#)

```
<route>
  <from uri="direct:start"/>
  <to uri="activemq:topic:foo"/>
</route>

<route>
  <from uri="activemq:topic:foo?clientId=1&durableSubscriptionName=bar1"/>
  <to uri="mock:result1"/>
</route>

<route>
  <from uri="activemq:topic:foo?clientId=2&durableSubscriptionName=bar2"/>
  <to uri="mock:result2"/>
</route>
```

Here is another example of [JMS](#) durable subscribers, but this time using [virtual topics](#) (recommended by AMQ over durable subscriptions)

### Using the [Fluent Builders](#)

```
from("direct:start").to("activemq:topic:VirtualTopic.foo");

from("activemq:queue:Consumer.1.VirtualTopic.foo").to("mock:result1");

from("activemq:queue:Consumer.2.VirtualTopic.foo").to("mock:result2");
```

### Using the [Spring XML Extensions](#)

```
<route>
  <from uri="direct:start"/>
  <to uri="activemq:topic:VirtualTopic.foo"/>
</route>

<route>
  <from uri="activemq:queue:Consumer.1.VirtualTopic.foo"/>
  <to uri="mock:result1"/>
</route>

<route>
  <from uri="activemq:queue:Consumer.2.VirtualTopic.foo"/>
  <to uri="mock:result2"/>
</route>
```

## See Also

- [JMS](#)
- [File](#)
- [JPA](#)
- [Message Dispatcher](#)
- [Selective Consumer](#)
- [Content Based Router](#)
- [Endpoint](#)

**Error rendering macro 'include'**

org.owasp.validator.html.ScanException: java.util.EmptyStackException