

Atmosphere-Websocket

Atmosphere Websocket Servlet Component

Available as of Camel 2.14

The **atmosphere-websocket** component provides Websocket based [endpoints](#) for a servlet communicating with external clients over Websocket (as a servlet accepting websocket connections from external clients).

The component uses the [SERVLET](#) component and uses the [Atmosphere](#) library to support the Websocket transport in various Servlet containers (e.g., Jetty, Tomcat, ...).

Unlike the [Websocket](#) component that starts the embedded Jetty server, this component uses the servlet provider of the container.

Maven users will need to add the following dependency to their `pom.xml` for this component:

```
<dependency>
  <groupId>org.apache.camel</groupId>
  <artifactId>camel-atmosphere-websocket</artifactId>
  <version>x.x.x</version>
  <!-- use the same version as your Camel core version -->
</dependency>
```

URI Format

```
atmosphere-websocket:///relative path[?options]
```

Reading and Writing Data over Websocket

An `atmosphere-websocket` endpoint can either write data to the socket or read from the socket, depending on whether the endpoint is configured as the producer or the consumer, respectively.

Configuring URI to Read or Write Data

In the route below, Camel will read from the specified websocket connection.

```
from("atmosphere-websocket:///servicepath")
  .to("direct:next");
```

And the equivalent Spring sample:

```
<camelContext xmlns="http://camel.apache.org/schema/spring">
  <route>
    <from uri="atmosphere-websocket:///servicepath"/>
    <to uri="direct:next"/>
  </route>
</camelContext>
```

In the route below, Camel will read from the specified websocket connection.

```
from("direct:next")
  .to("atmosphere-websocket:///servicepath");
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And the equivalent Spring sample:

```
<camelContext xmlns="http://camel.apache.org/schema/spring">
  <route>
    <from uri="direct:next"/>
    <to uri="atmosphere-websocket:///servicepath"/>
  </route>
</camelContext>
```

See Also

- [Configuring Camel](#)
- [Component](#)
- [Endpoint](#)
- [Getting Started](#)

- [SERVLET](#)
- [AHC-WS](#)
- [Websocket](#)