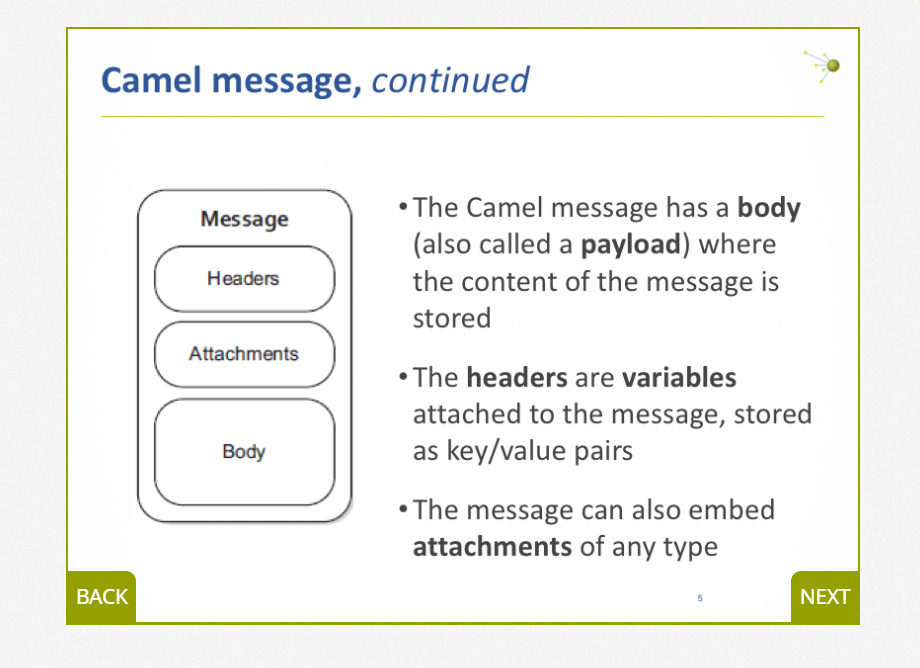
Talend Studio generates routes code using the

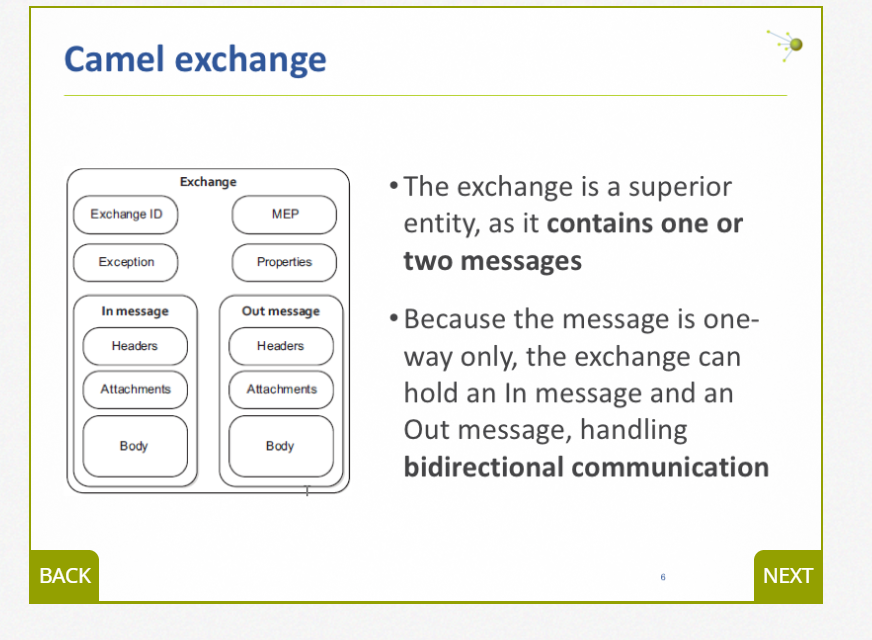
Apache Camel framework and web services code using the Apache CXF framework

<http://camel.apache.org/components.html?endpoint=http%3A%2F%2Ftalend.talentlms.com%2FTcapi%2F&auth=QEKMCKc14amP22En9CpVKdl3ZXGExM&actor=%7B%22name%22%3A%5B%22Ravi+Teja%22%5D%2C%22mbox%22%3A%5B%22mailto%3Aravi-teja.voleti%40capgemini.com%22%5D%7D&activity_id=http%3A%2F%2Ftalend.talentlms.com%2FESB-101-v62%2F6.2%2FEN%2FCreating+mediation+routes&unit_id=6700&Policy=eyJTdGF0ZW1lbnQiOlt7IlJlc291cmNlIjoiaHR0cDpcL1wvY2RuLnRhbGVudGxtcy5jb21cL3RhbGVuZFwvMTQ4NzE3NTQzM19DcmVhdGluZ19tZWRpYXRpb25fcm91dGVzXC9Db250ZW50XC9FTlwvQ3JlYXRpbmdfTWVkaWF0aW9uX3JvdXRlc1wvT3ZlcnZpZXcuaHRtIiwiQ29uZGl0aW9uIjp7IkRhdGVMZXNzVGhhbiI6eyJBV1M6RXBvY2hUaW1lIjoxNTQwMTU1NTIwfX19XX0_&Signature=cSDYW0Epo6r%2FmXmK8IzFpG6ZaxdyS7JhyvnTi0RMFELqsWUi2FACHr0gxoJG%2FBVhAoRm4w3DCazIcwzfaRTTeL1CLjSJ3koPy5Li5t3D%2FoJENa2Z41h6ZTdT2okTsclzjpk4cogOqmf6GKGgNDyI-j8G6BHgNmqbWEguB2iqOTe6T4ZdakaD-2cUxoqL77Go602HxxZmoB2RLayLJ9UgtR%2FOjzfEunNyYQ5SpHUOOZcj%2Fv8DO3jecVzZGkpdO6HY8EOU2WZFh6ltPeCb8PxjpdZ2Dt9QALWhQJo%2FSHRt3ysW-4sx-F2tHdflCeGtiXAH46gasZAGmaaAdMxPetnQKQ__&Key-Pair-Id=APKAJQL6ISOJMSPOEDUA>

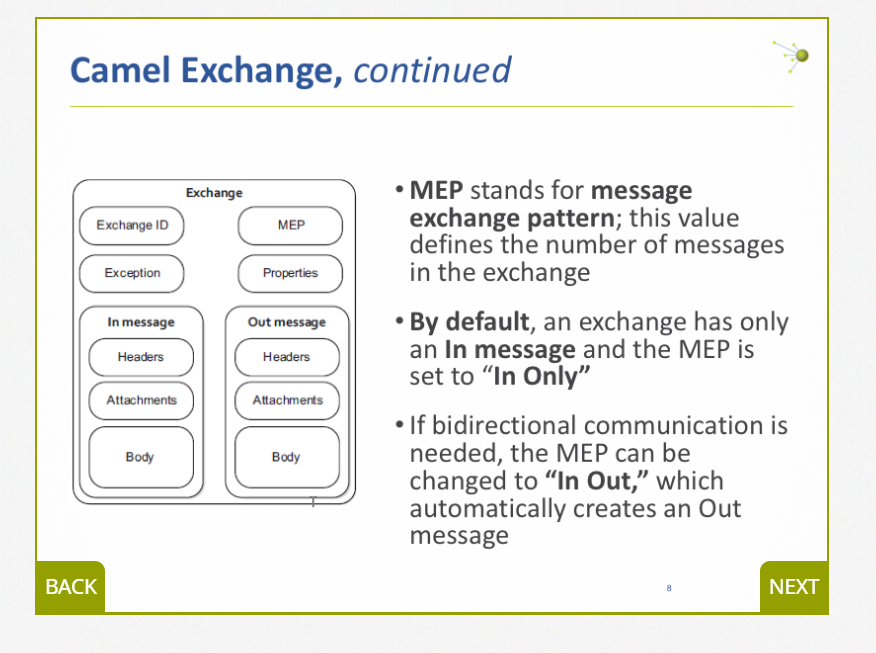
Camel Message 🡪 one way only from sender to receiver

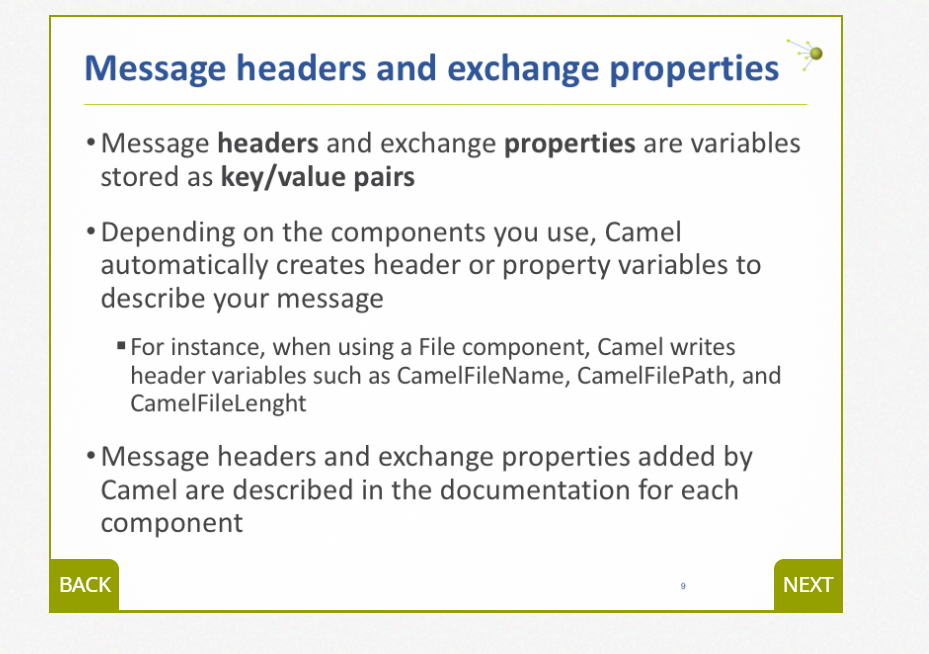


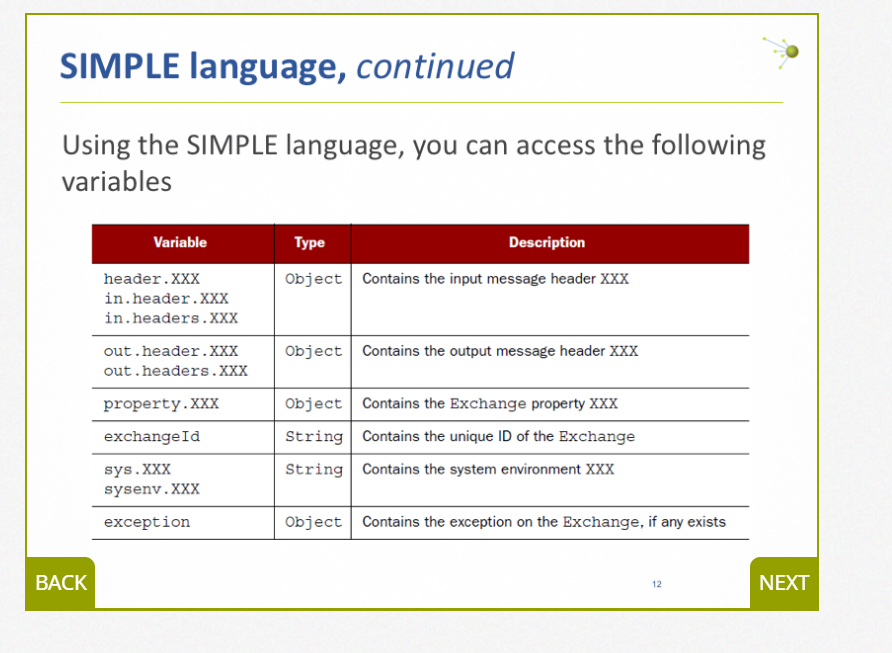
Camel Exchange

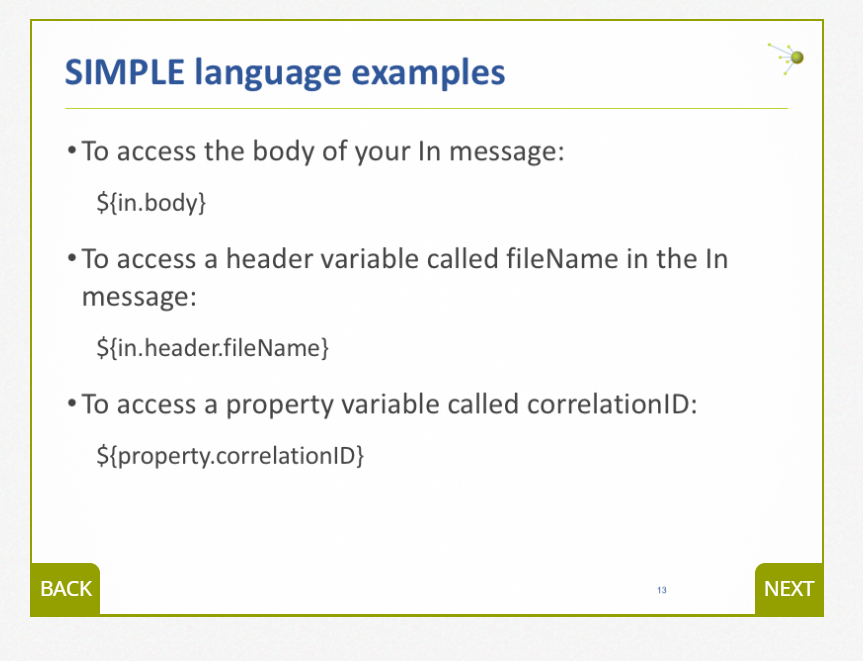






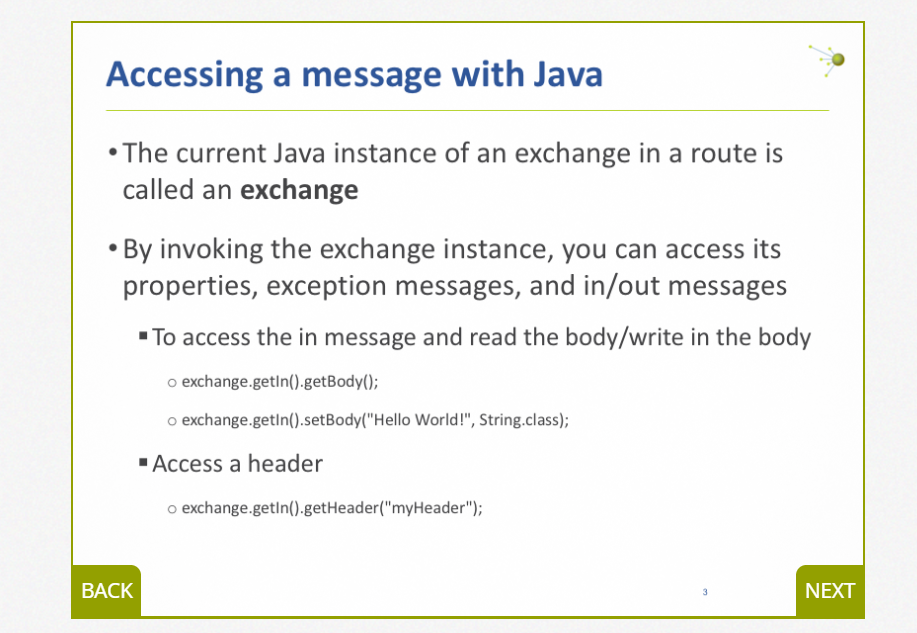






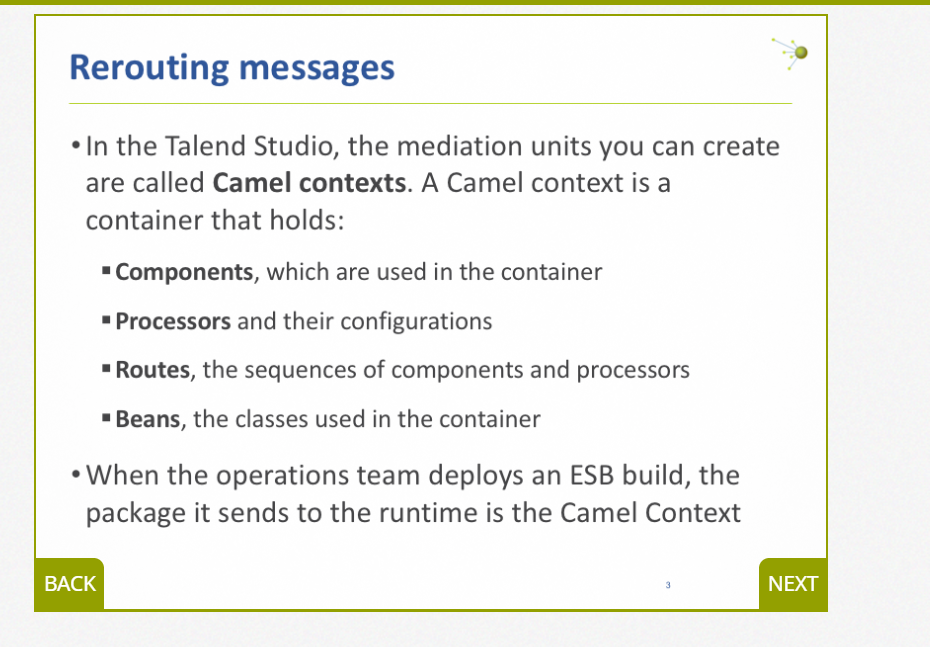
http://camel.apache.org/file2.html?endpoint=http%3A%2F%2Ftalend.talentlms.com%2FTcapi%2F&auth=QEKMCKc14amP22En9CpVKdl3ZXGExM&actor=%7B%22name%22%3A%5B%22Ravi+Teja%22%5D%2C%22mbox%22%3A%5B%22mailto%3Aravi-teja.voleti%40capgemini.com%22%5D%7D&activity\_id=http%3A%2F%2Ftalend.talentlms.com%2FESB-101-v62%2F6.2%2FEN%2FExploring+messages+exchanges+and+the+SIMPLE+language&unit\_id=6698&Policy=eyJTdGF0ZW1lbnQiOlt7IlJlc291cmNlIjoiaHR0cDpcL1wvY2RuLnRhbGVudGxtcy5jb21cL3RhbGVuZFwvMTQ4NzE3NTEyN19FeHBsb3JpbmdfbWVzc2FnZXNfZXhjaGFuZ2VzX2FuZF90aGVfU0lNUExFX2xhbmd1YWdlXC9Db250ZW50XC9FTlwvRXhwbG9yaW5nX21lc3NhZ2VzX2V4Y2hhbmdlc19hbmRfdGhlX1NJTVBMRV9sYW5ndWFnZVwvT3ZlcnZpZXcuaHRtIiwiQ29uZGl0aW9uIjp7IkRhdGVMZXNzVGhhbiI6eyJBV1M6RXBvY2hUaW1lIjoxNTQwMTU2MTEwfX19XX0\_&Signature=HPKQDQJmU0-fqmfzRgCCTMfr8QXmCuTpzoR2BMOUVPP1807bJqOH8E1JZLb6EZBQYwXoLg1mrIFyJdk4KjrUa%2Fjs%2FxmH3fxJlJ7b%2FiPX-hdrYOxdEL4na-uyj9JuPY25A1rAyiA948xu7I0gn0im4wcS2jeLdQes7J9q6a76nFFOgu-jZYejn4VbMrguGvZlyBpv6qt1mAQ4232hhoQG60opUYpNPFL9RXApPA836UVR0eIIvCHj6JIAoUzxmf1Kim%2FpeNa3tUrI85NPumkwvbU1Bz3a7UdU6GflGxInxGSn0eVjRXtJNOrKfFbhP5U4IXVqdQV93gClATktiVI%2F4w\_\_&Key-Pair-Id=APKAJQL6ISOJMSPOEDUA

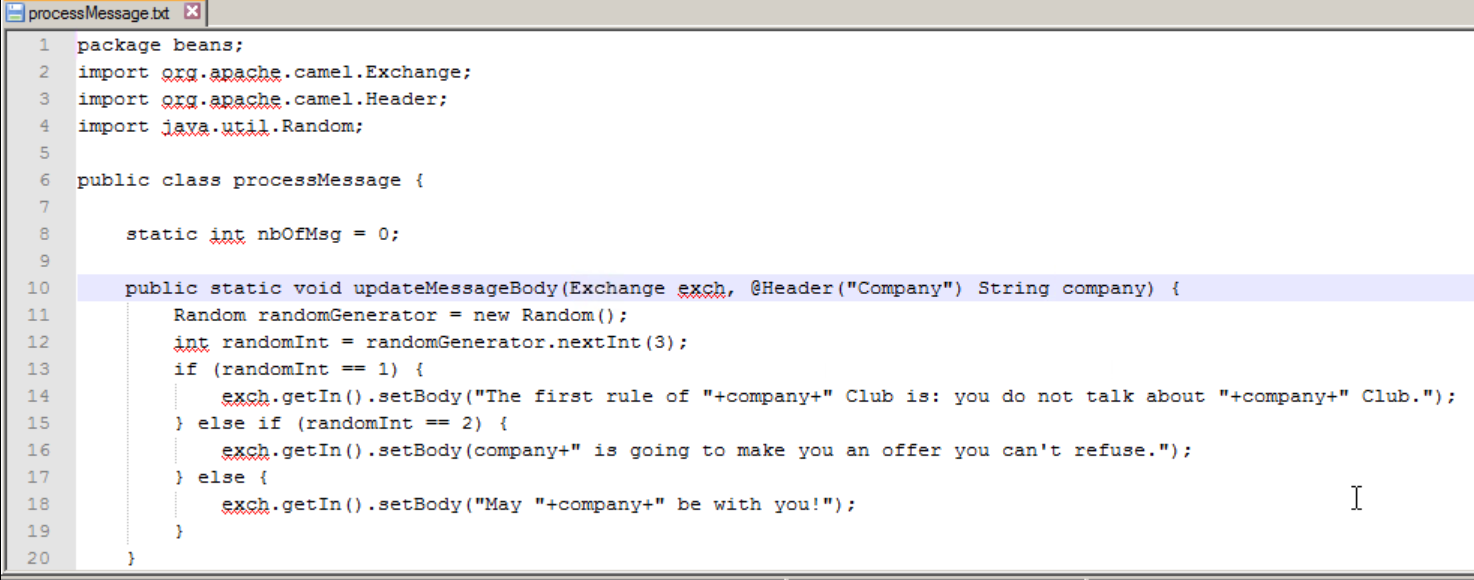
<http://camel.apache.org/file2.html?endpoint=http%3A%2F%2Ftalend.talentlms.com%2FTcapi%2F&auth=QEKMCKc14amP22En9CpVKdl3ZXGExM&actor=%7B%22name%22%3A%5B%22Ravi+Teja%22%5D%2C%22mbox%22%3A%5B%22mailto%3Aravi-teja.voleti%40capgemini.com%22%5D%7D&activity_id=http%3A%2F%2Ftalend.talentlms.com%2FESB-101-v62%2F6.2%2FEN%2FCreating+mediation+routes&unit_id=6700&Policy=eyJTdGF0ZW1lbnQiOlt7IlJlc291cmNlIjoiaHR0cDpcL1wvY2RuLnRhbGVudGxtcy5jb21cL3RhbGVuZFwvMTQ4NzE3NTQzM19DcmVhdGluZ19tZWRpYXRpb25fcm91dGVzXC9Db250ZW50XC9FTlwvQ3JlYXRpbmdfTWVkaWF0aW9uX3JvdXRlc1wvT3ZlcnZpZXcuaHRtIiwiQ29uZGl0aW9uIjp7IkRhdGVMZXNzVGhhbiI6eyJBV1M6RXBvY2hUaW1lIjoxNTQwMTU1NTIwfX19XX0_&Signature=cSDYW0Epo6r%2FmXmK8IzFpG6ZaxdyS7JhyvnTi0RMFELqsWUi2FACHr0gxoJG%2FBVhAoRm4w3DCazIcwzfaRTTeL1CLjSJ3koPy5Li5t3D%2FoJENa2Z41h6ZTdT2okTsclzjpk4cogOqmf6GKGgNDyI-j8G6BHgNmqbWEguB2iqOTe6T4ZdakaD-2cUxoqL77Go602HxxZmoB2RLayLJ9UgtR%2FOjzfEunNyYQ5SpHUOOZcj%2Fv8DO3jecVzZGkpdO6HY8EOU2WZFh6ltPeCb8PxjpdZ2Dt9QALWhQJo%2FSHRt3ysW-4sx-F2tHdflCeGtiXAH46gasZAGmaaAdMxPetnQKQ__&Key-Pair-Id=APKAJQL6ISOJMSPOEDUA>

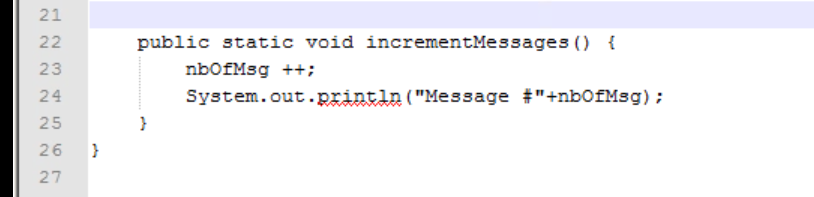


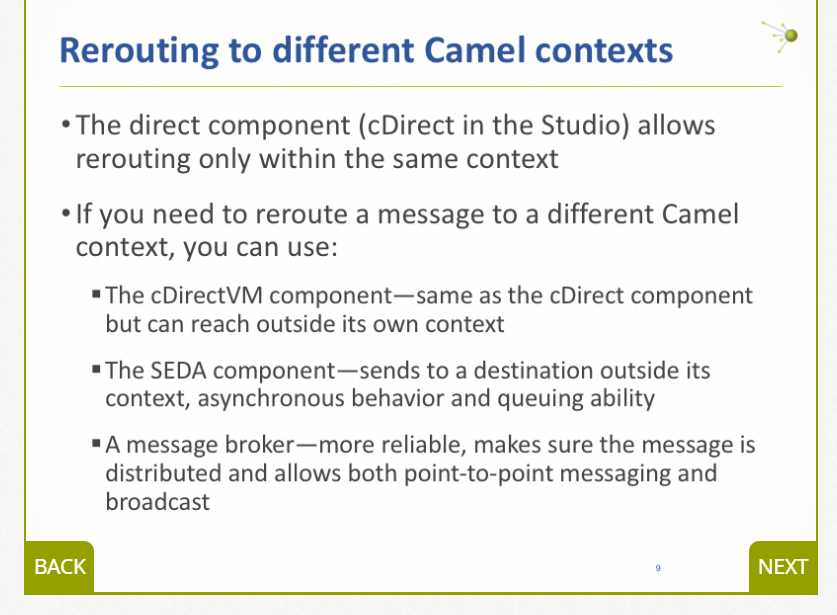
The cBean component used in the previous example was set to "*New instance*", which means a new instance of the bean class is created each time the cBean component is invoked, and it is destroyed right after processing the exchange.

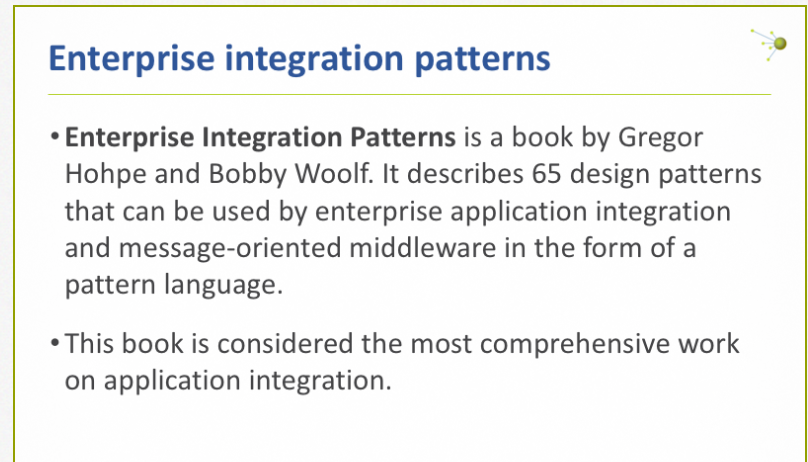
In some cases, you may need to retain information in the memory of your bean instance, which is why you can also create an object that you can call in a cBean as a reference. A reference is a name that points to a unique instance of your bean, stored in the bean registry of the route.

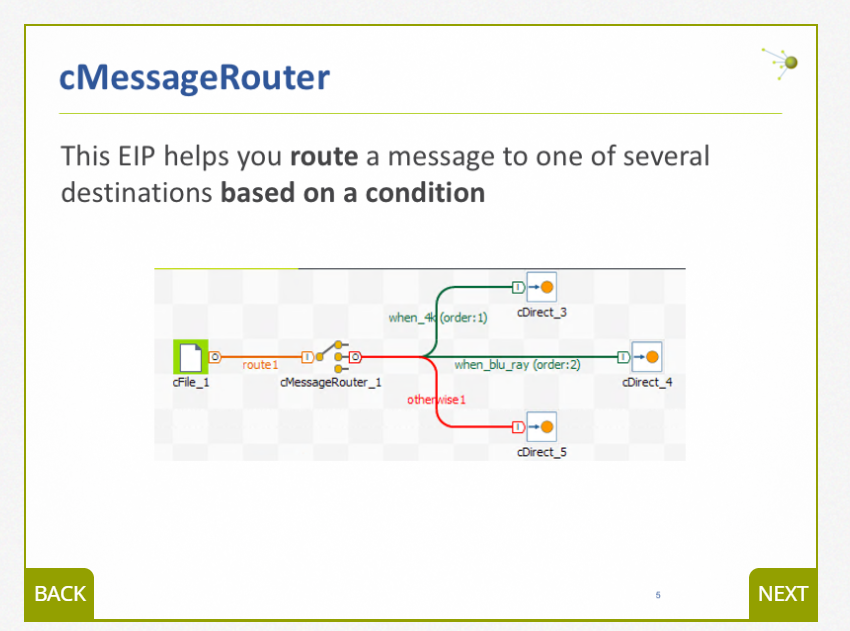


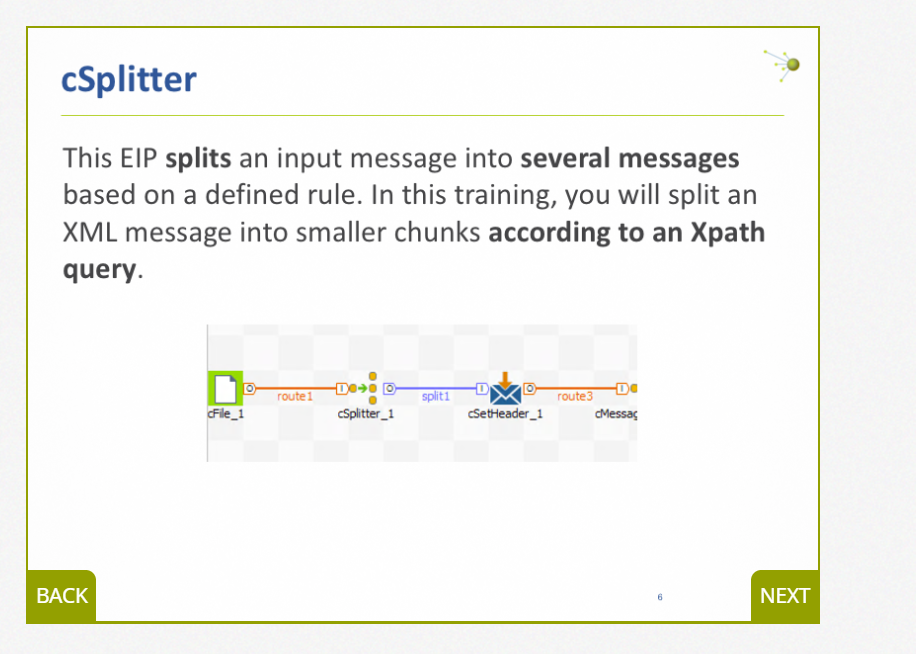




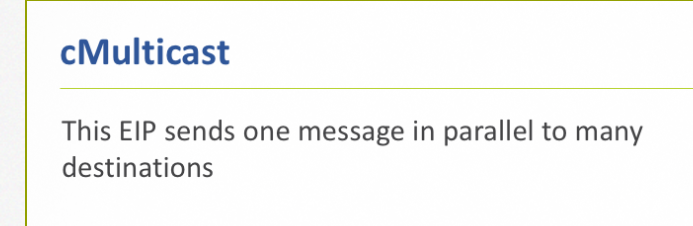












"File read: ${in.header.CamelFileName} \nFile content: ${in.body}"