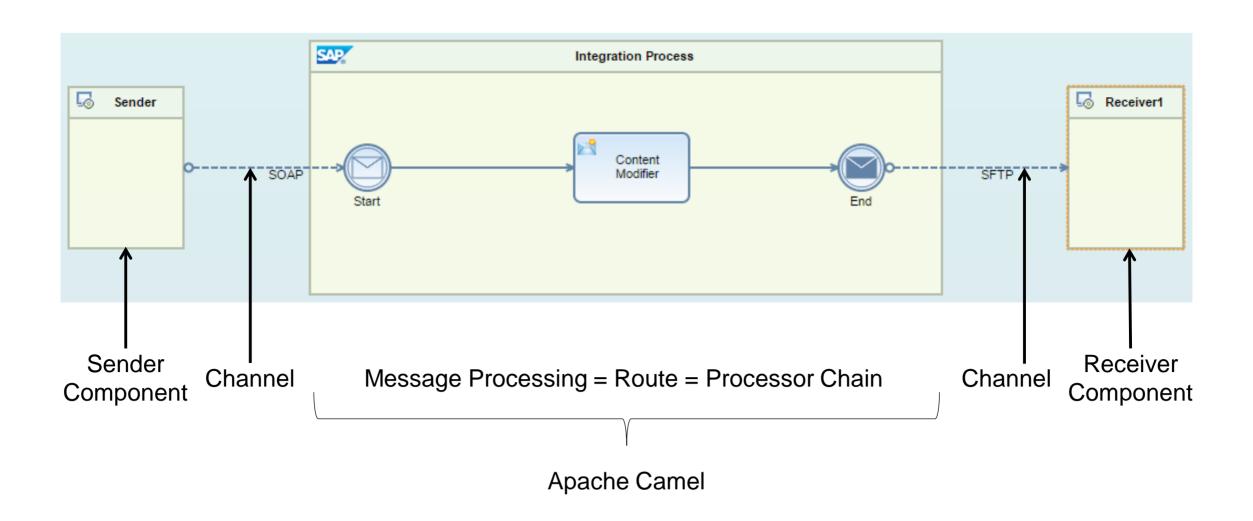
# Week 1 Unit 4: Creating Integration Processes From Scratch



A typical integration flow

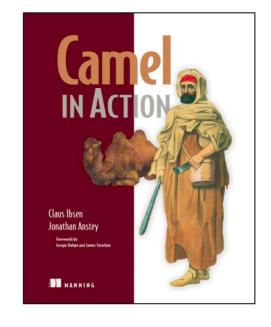


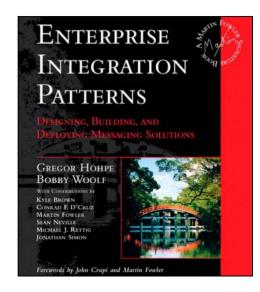
#### **Apache Camel**

#### Camel is an integration framework (not an ESB)

- Routing and mediation engine
- Payload-agnostic router
- Flexible pipeline ("Route" or "Processor Chain" in Camel terms)
- Based on enterprise integration patterns (EIPs)
  - EIPs describe integration problems and solutions
  - EIPs provide a common vocabulary, for example
    - ⇒ Request/Response

    - ⇒ Splitter/Gather

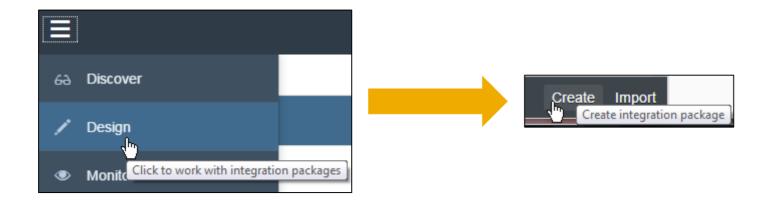




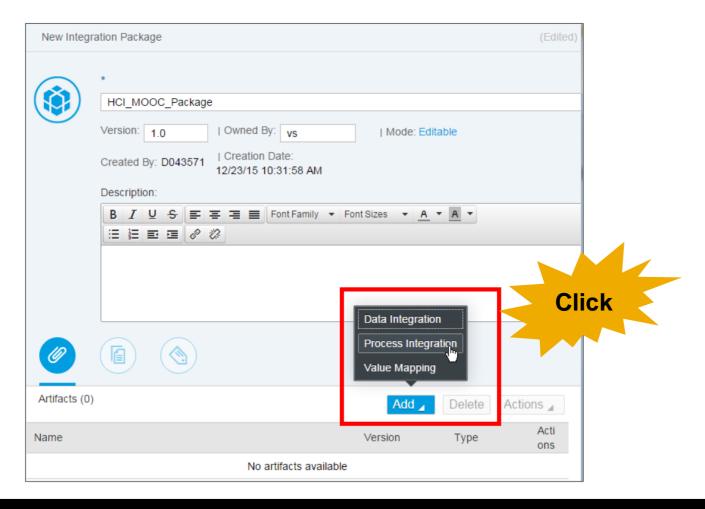
#### Recommended reading:

- Camel in Action (2011) by Claus Ibsen and Jonathan Anstey, Manning Publications Co., ISBN 978-1-935182-36-8
- Enterprise Integration Patterns (2003) by Gregor Hohpe and Bobby Woolf, Addison Wesley, ISBN 0-321-20068-3

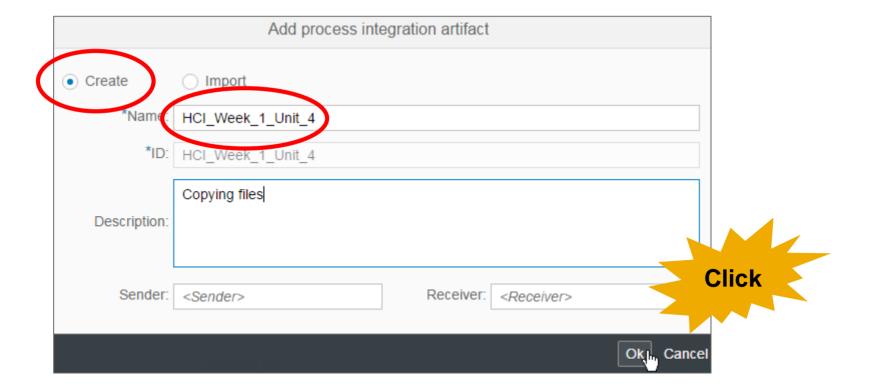
Copying files – Creating a new integration package



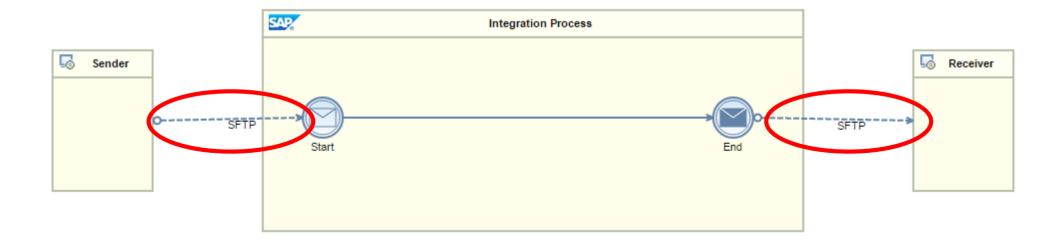
Copying files – Creating a new integration flow (1)



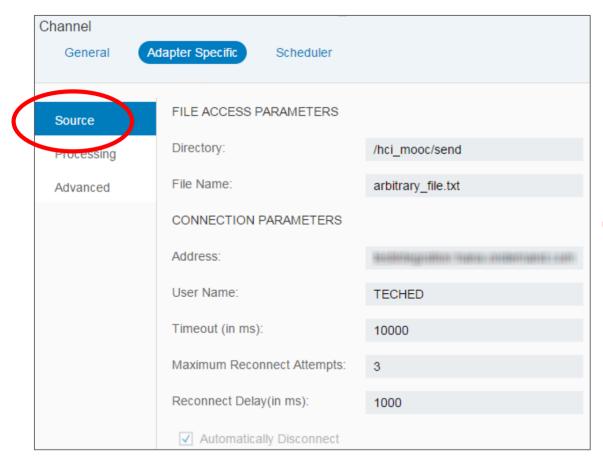
Copying files – Creating a new integration flow (2)

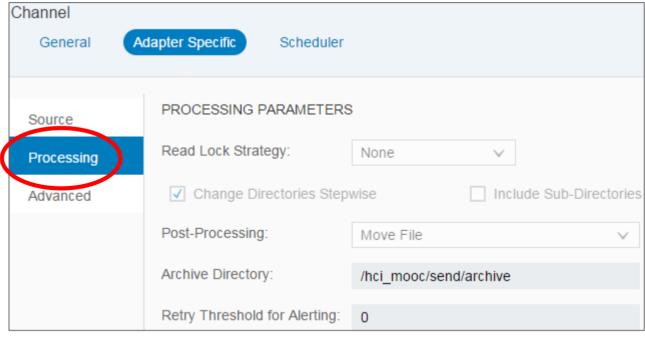


Copying files – Modeling integration flow

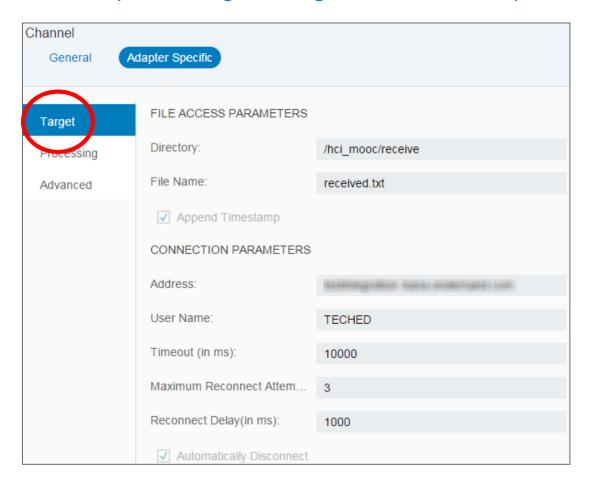


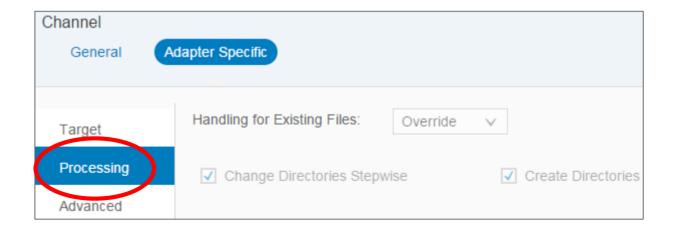
#### Copying files – Sender adapter configuration



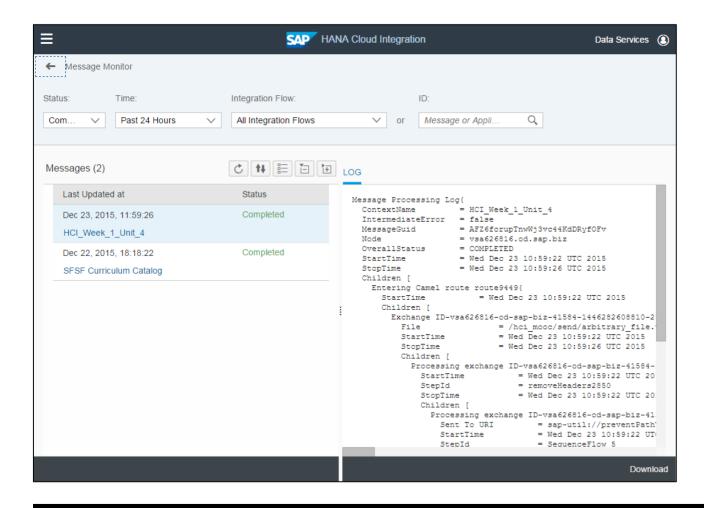


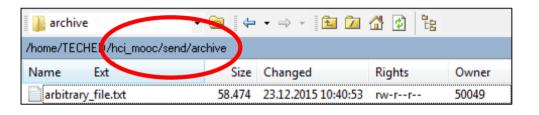
#### Copying files – Receiver adapter configuration

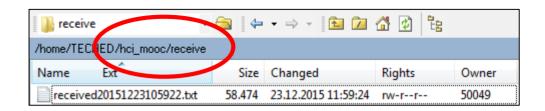




### Copying files - Message monitoring

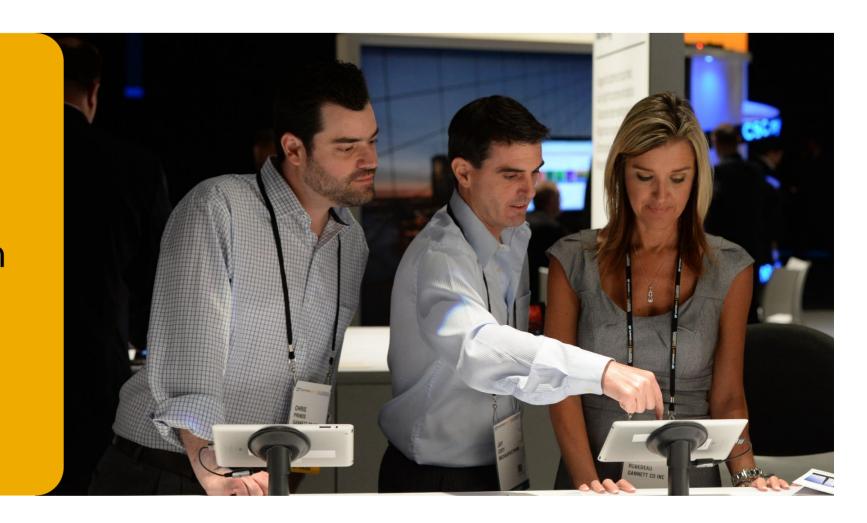






#### **DEMO**

Creating Integration
Processes From
Scratch



What you've learned in this unit

- How to create a new integration package
- How to create a new integration flow
- How to configure sender and receiver adapters for copying files between directories on an SFTP server
- How to monitor the message transfer via the SAP HANA Cloud Integration server





# Thank you

**Contact information:** 

open@sap.com



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