



APACHE CAMEL INTRODUCTION

AGENDA

- Intro to Apache Camel
- Architecture
- Components
- Camel Routes
- Hands-on!

INTRO



ENTERPRISE INTEGRATION PATTERNS

Build integrations using enterprise best practices.



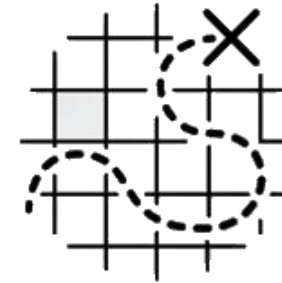
200+ COMPONENTS

Batch, messaging, web services, cloud, APIs, and more ...



BUILT-IN DATA TRANSFORMATION

JSON, XML, HL7, YAML, SOAP, Java, CSV, and more ...



INTUITIVE ROUTING

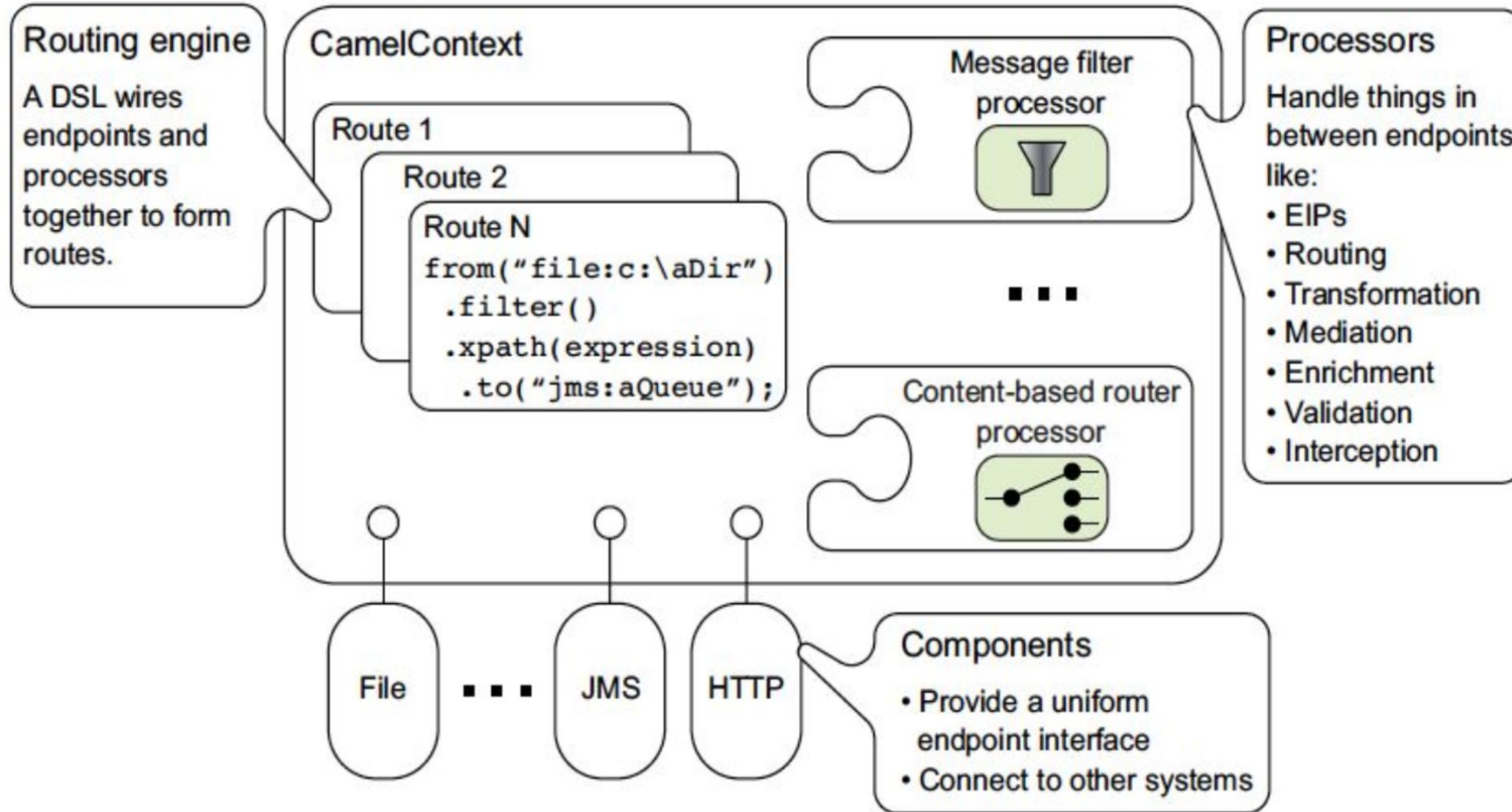
Develop integrations quickly in Java or XML.



NATIVE REST SUPPORT

Create, connect, and compose APIs with ease.

CAMEL ARCHITECTURE

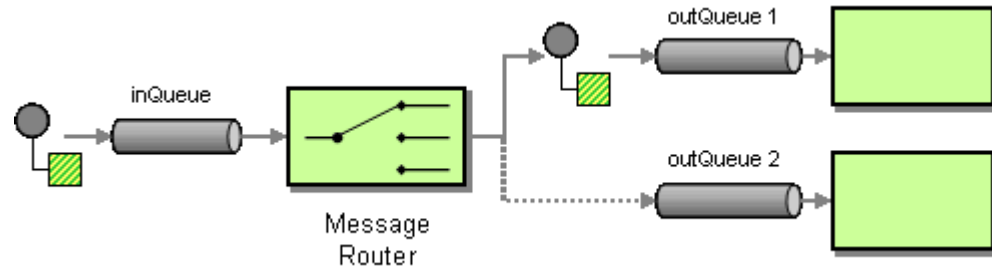


COMPONENTS

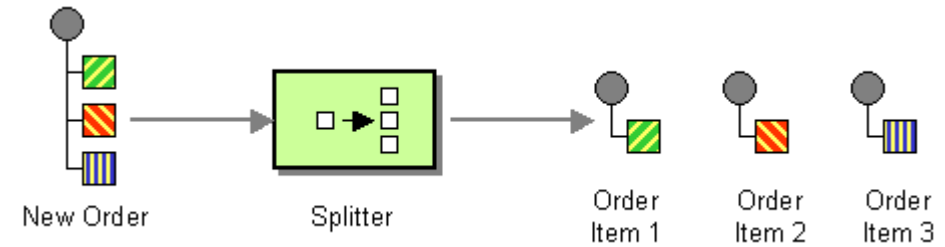


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CAMEL ROUTES



```
from("jms:queue:inQueue")
    .choice()
        .when(simple("${header.destination} == '1'"))
            .to("jms:queue:outQueue1")
        .otherwise()
            .to("jms:queue:outQueue2")
    .end();
```



```
from("file:orders/inbox?fileName=input.txt&noop=true")
    .split().tokenize("\\n")
    .process(this::processOrderItem)
    .to("jms:topic:orderItem.created")
    .end();
```

HANDS-ON!

- Enterprise Intergration Patterns (EIP)
 - Content-Based Router
 - Splitter
 - Aggregator
- File
- HTTP
- REST DSL
- JDBC (H2)

<https://github.com/mikeschippers/syntouch-camel-intro>

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