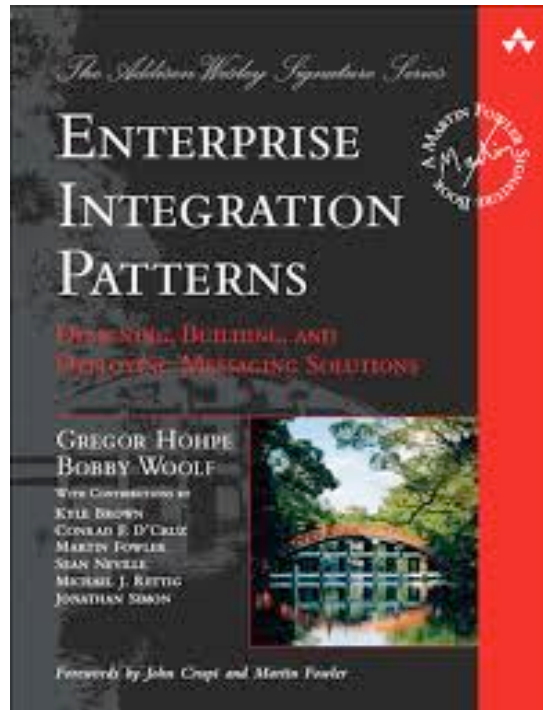




+



= Smart Enterprise Application Integration



Nur wenige Folien...

... dafür jede Menge Live-Demos !!!

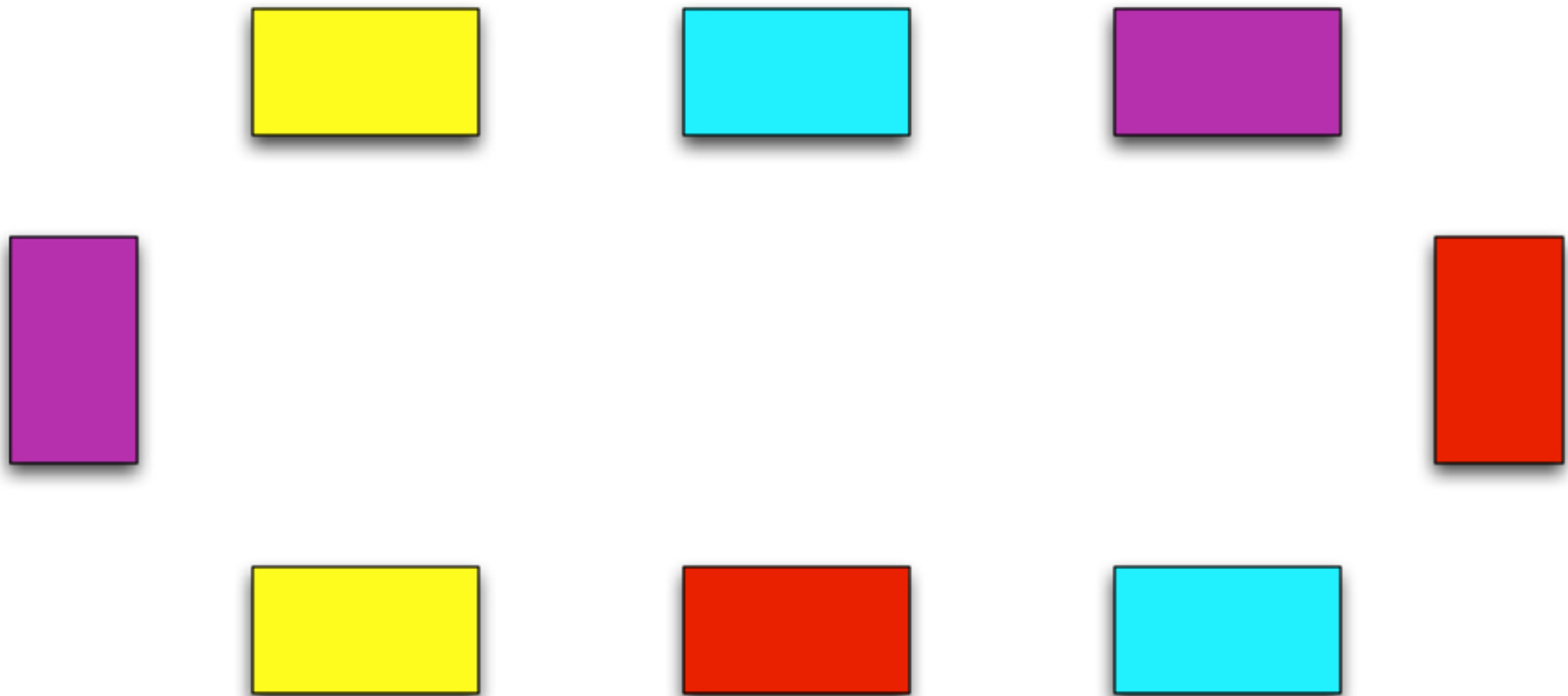


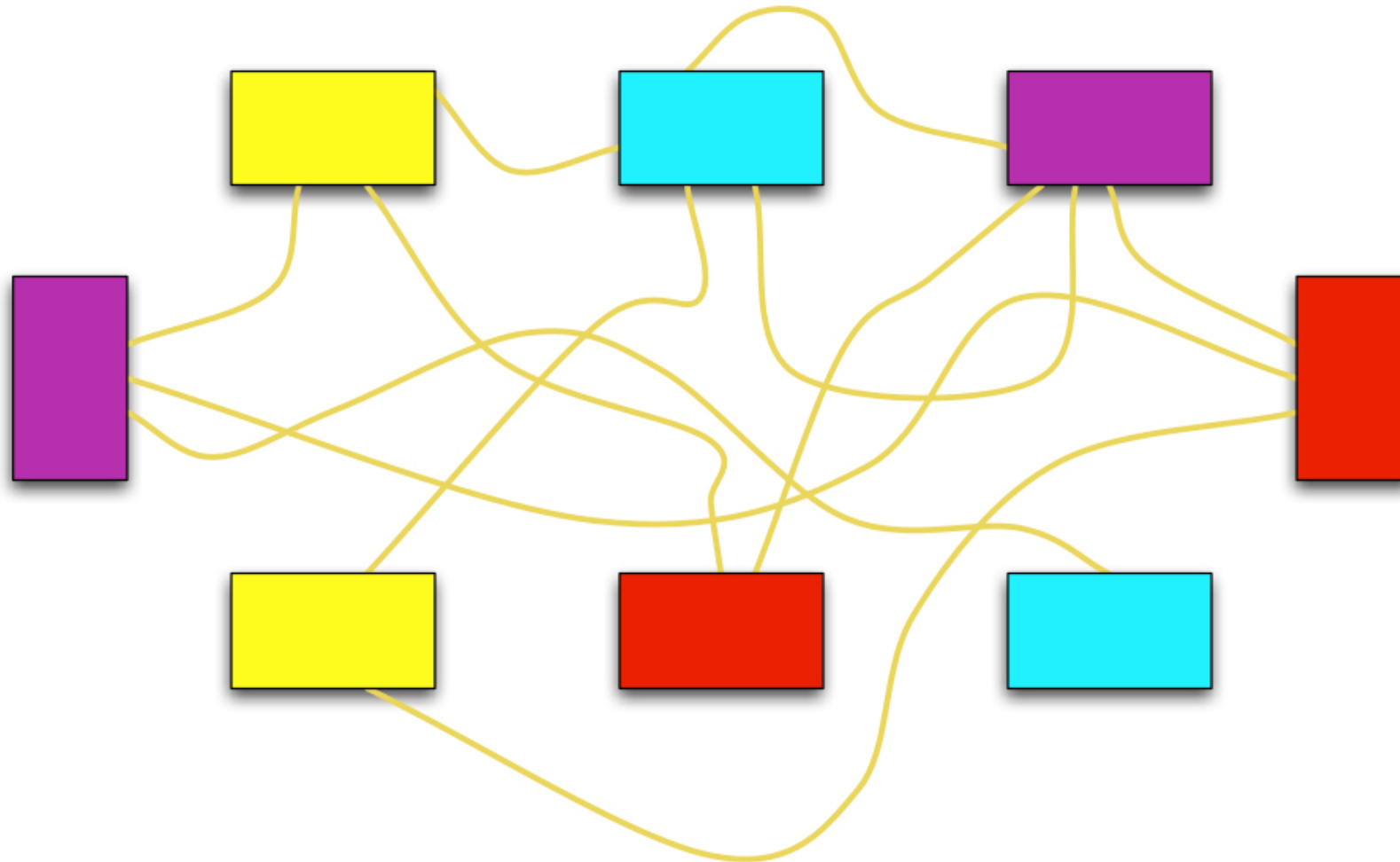


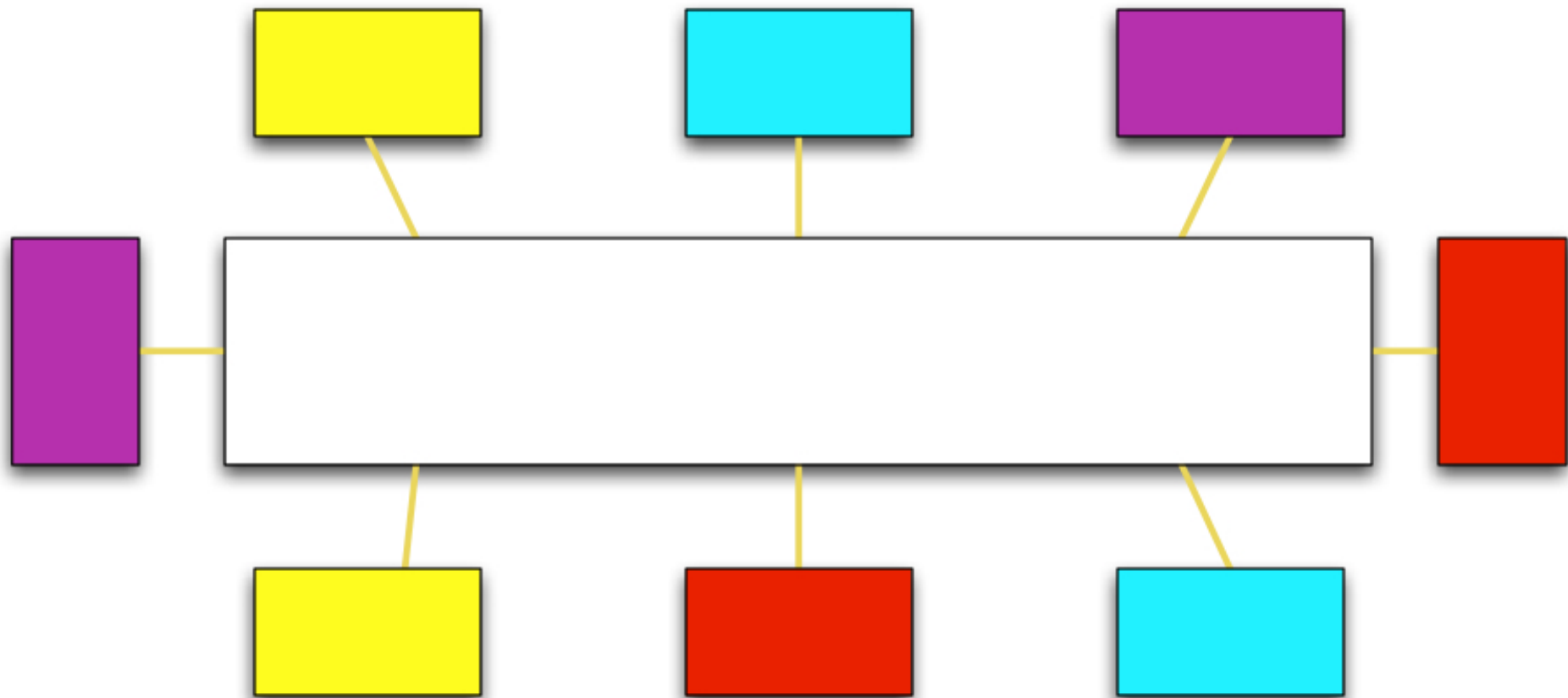
Wachstum

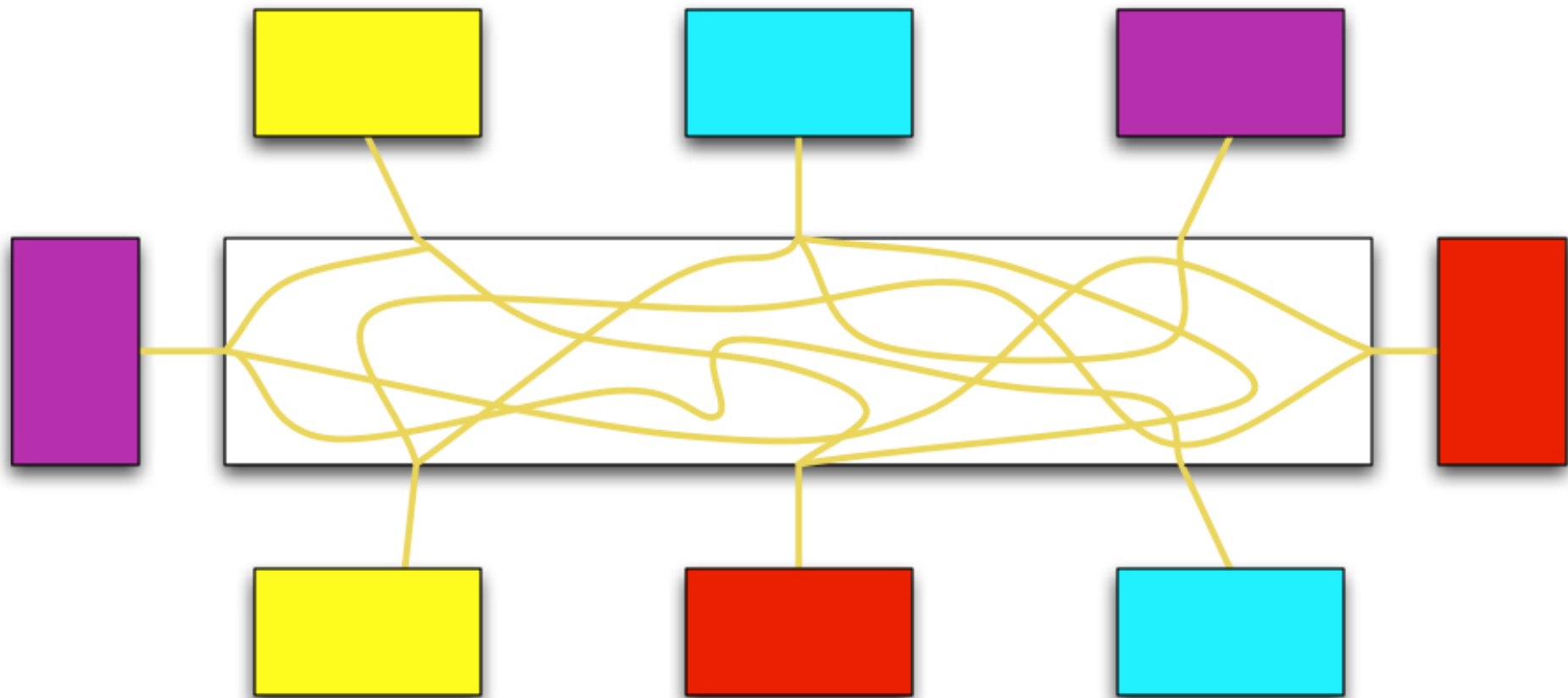
- Anwendungen
- Schnittstellen
- Technologien
- Produkte

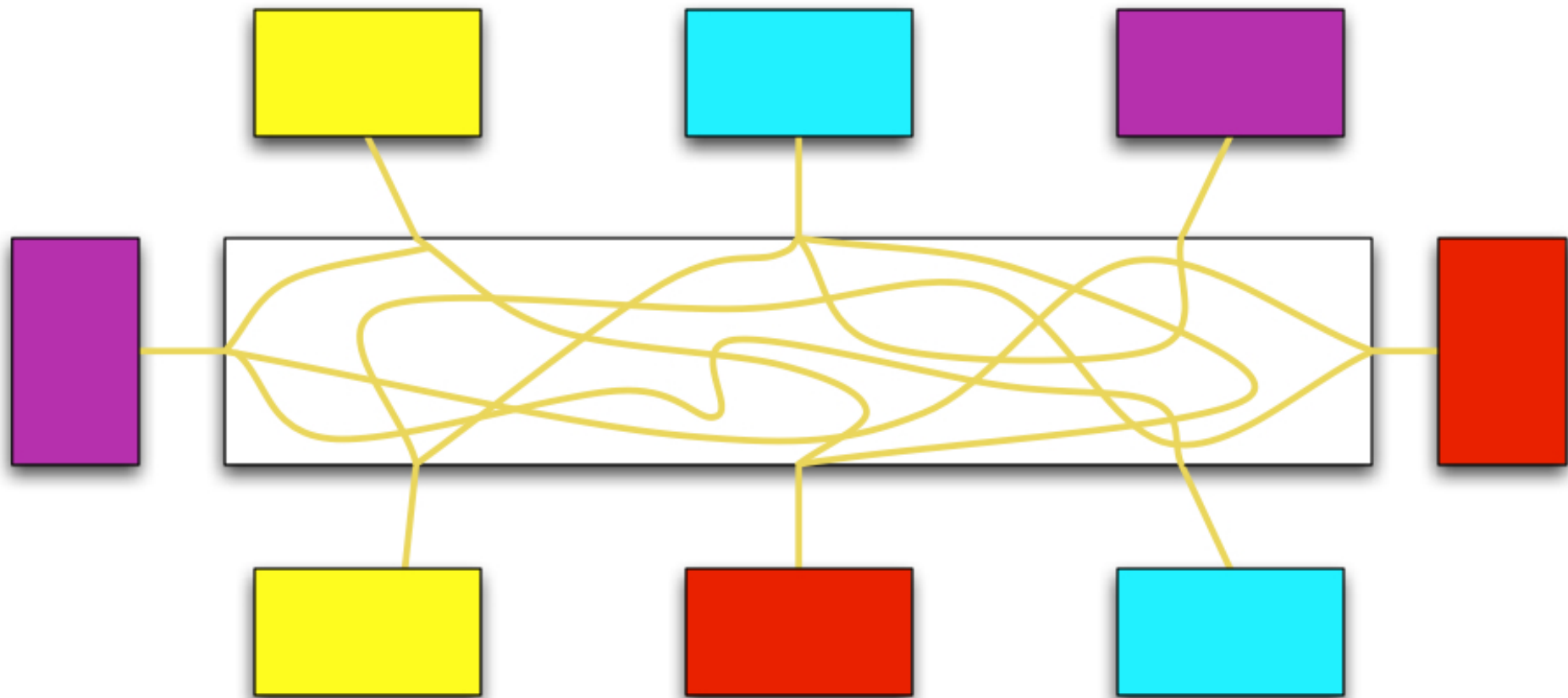












Wir brauchen einen Überblick!



Jeder kommuniziert mit jedem!

Wie liest man den Inhalt einer Datei aus?

```
try {  
    BufferedReader in = new BufferedReader(new  
        FileReader("infilename")); String str;  
    while ((str = in.readLine()) != null) { process(str); }  
    in.close(); }  
catch (IOException e) { }
```

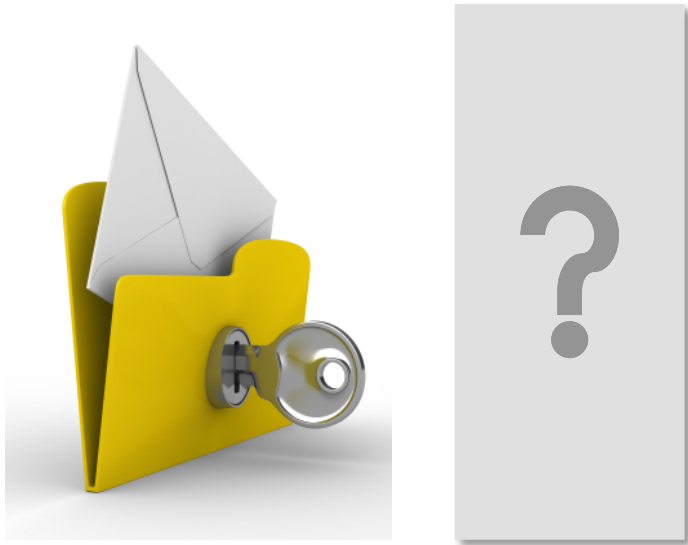


Viele Wege führen nach Rom...

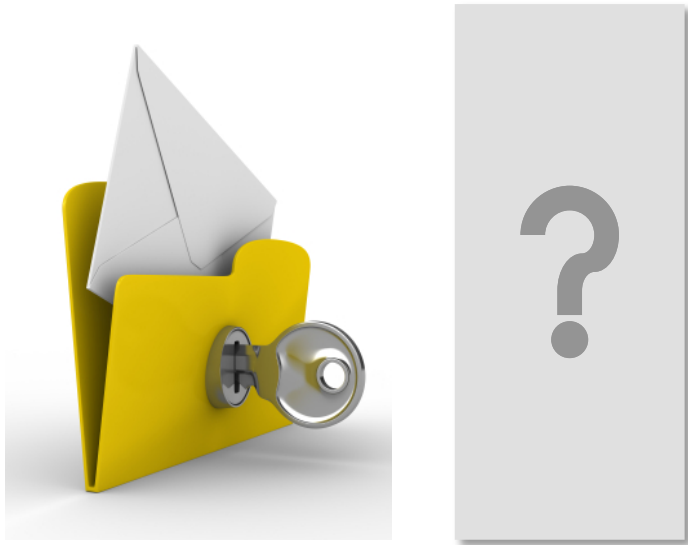


- Standardisiert modellieren
- Effizient umsetzen
- Automatisiert testen



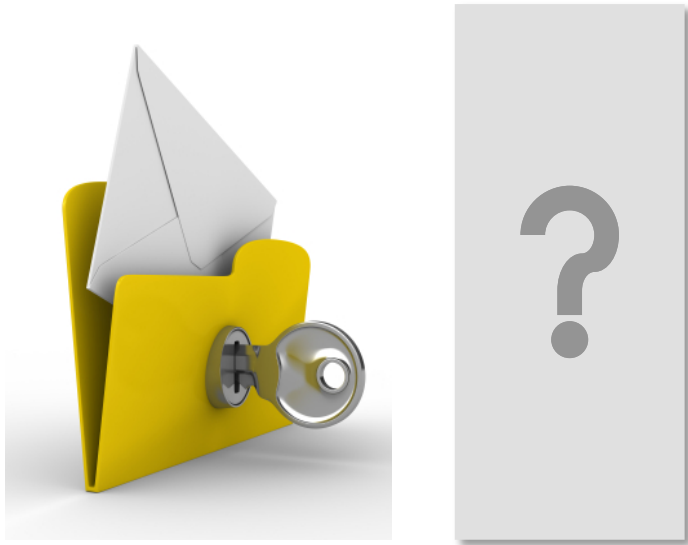


Enterprise Integration Patterns verstehen!



Enterprise Integration Patterns verstehen!

Das Konzept von Apache Camel verstehen!



Enterprise Integration Patterns verstehen!

Das Konzept von Apache Camel verstehen!

Apache Camel an Hand des Live-Demos kennenlernen!

1) Was sind Enterprise Integration Patterns?

2) Was ist Apache Camel?

3) Anwendungsfall für das Live-Demo

4) LIVE DEMO: Apache Camel

5) Ausblick

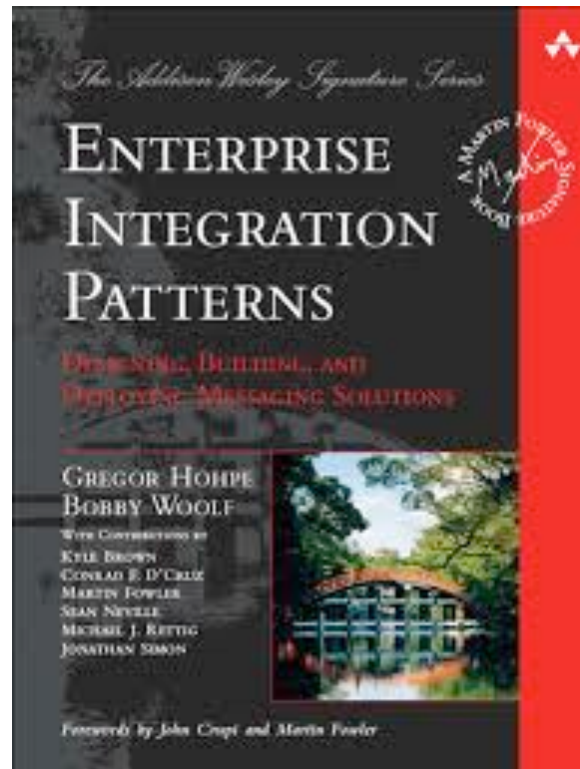
1) Was sind Enterprise Integration Patterns?

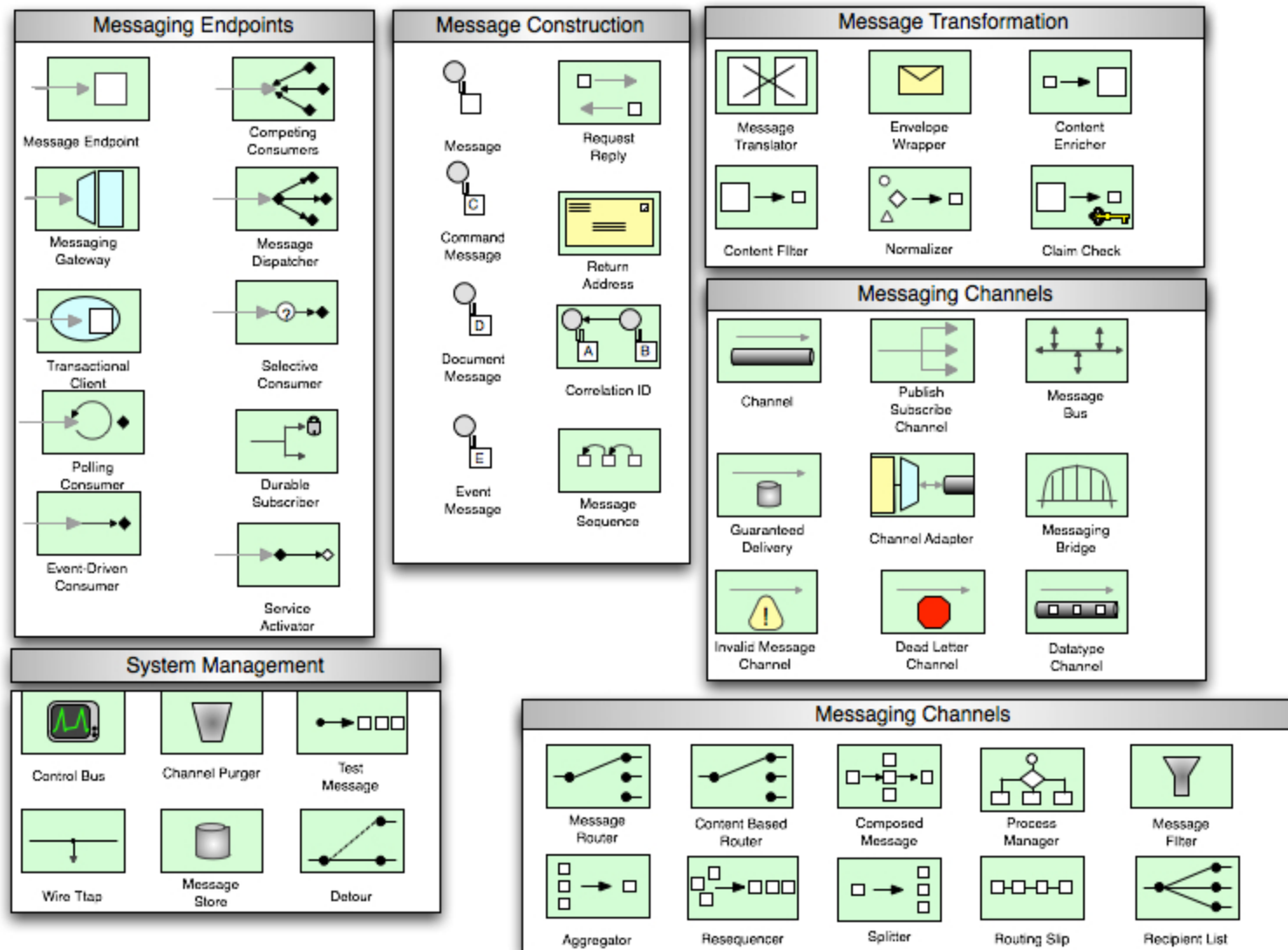
2) Was ist Apache Camel?

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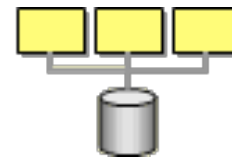




File Transfer



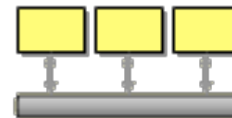
Shared Database



Remote Procedure Invocation



Messaging



1) Was sind Enterprise Integration Patterns?

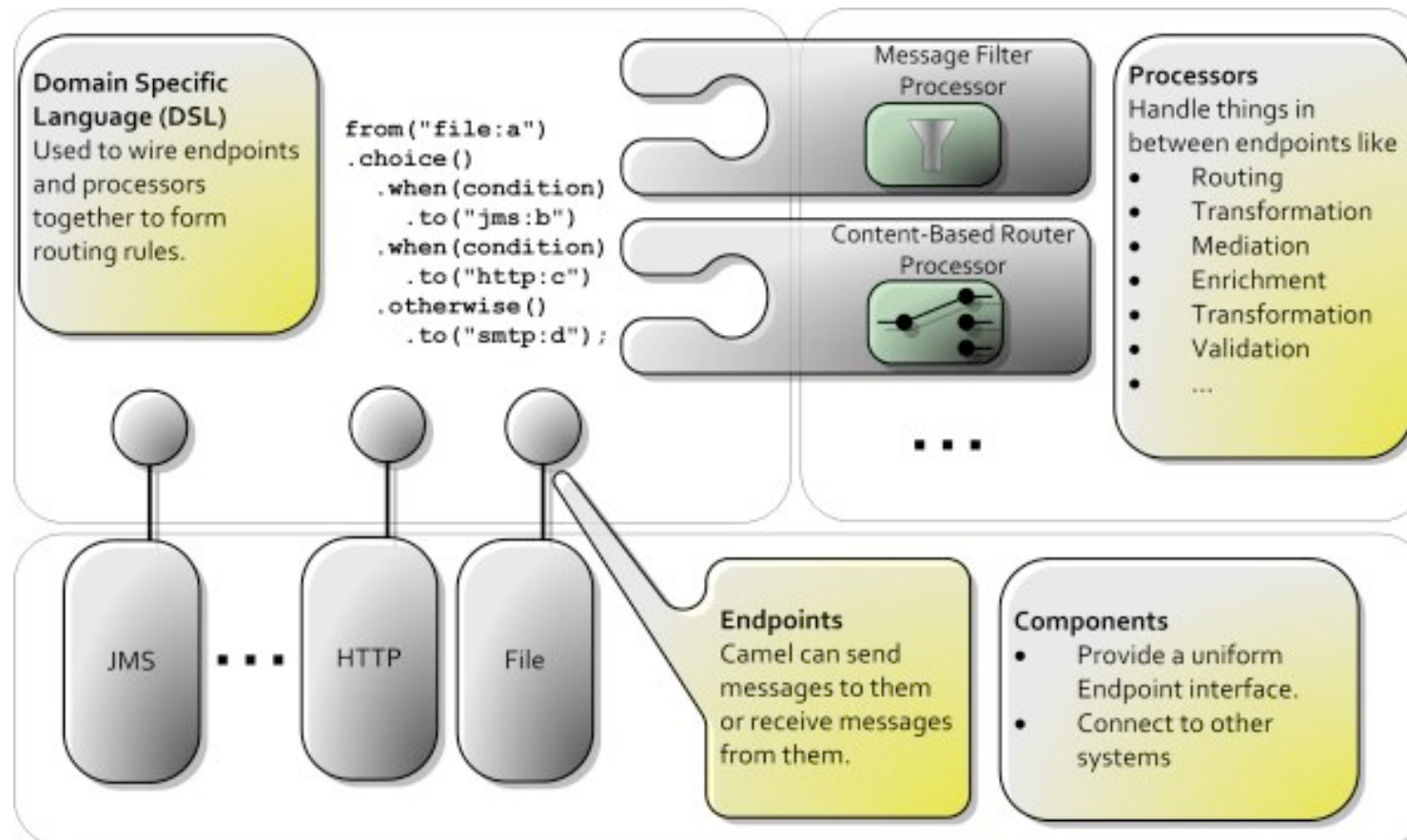
2) Was ist Apache Camel?

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4) LIVE DEMO: Apache Camel

5) Ausblick

Implementiert die EIPs



<http://java.dzone.com/articles/apache-camel-integration>



```
from("activemq:queue:order")  
  
    .choice()  
  
        .when(header("paytype").isEqualTo("creditcard"))  
            .to("websphere-mq:queue:creditcards")  
  
        .when(header("paytype").isEqualTo("bankcard"))  
            .to("smtp://mwea.mailserver:30?password=xy&user=kw")  
  
    .otherwise()  
        .to("websphere-mq:queue:invalidOrder");
```

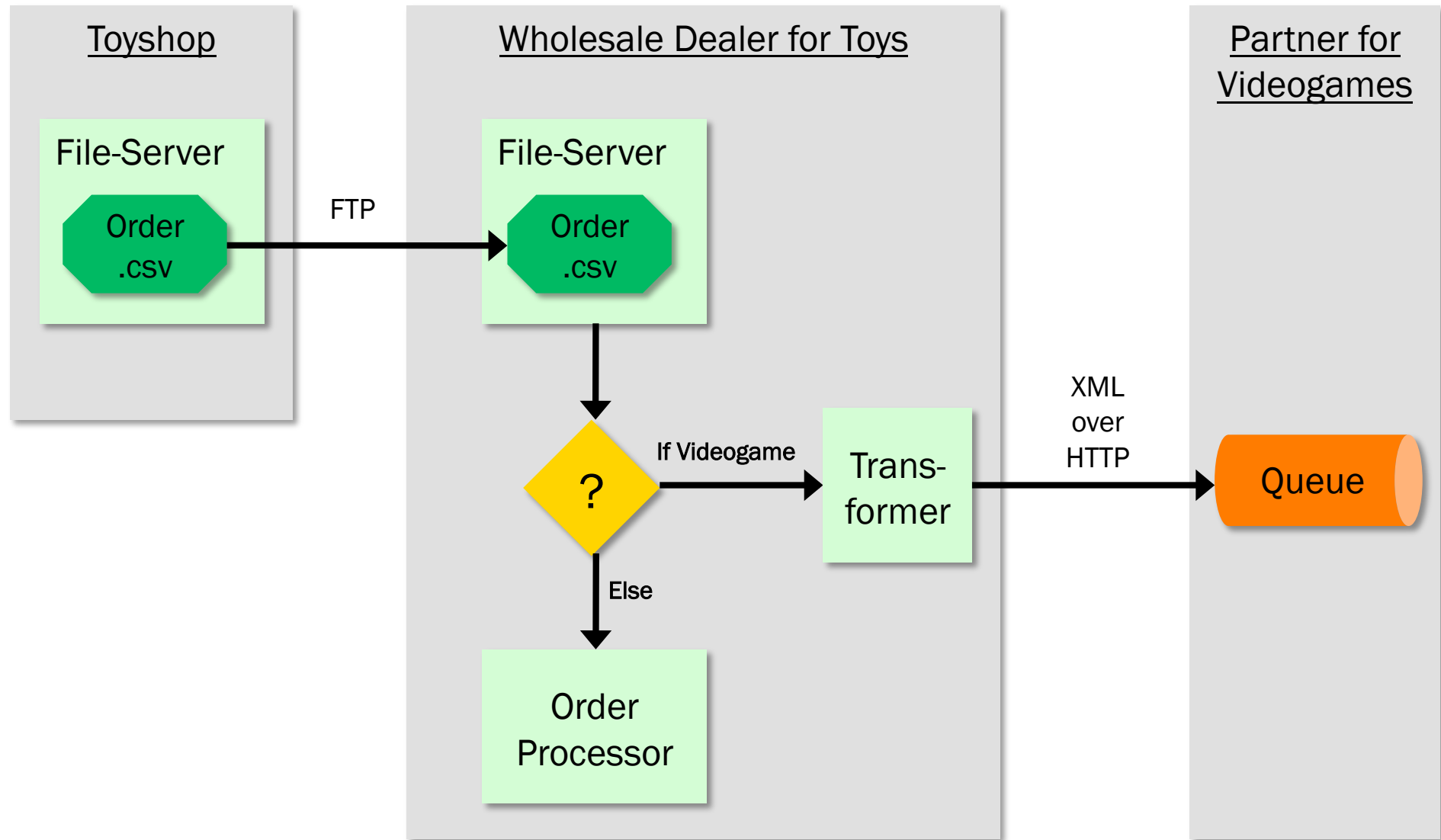
1) Was sind Enterprise Integration Patterns?

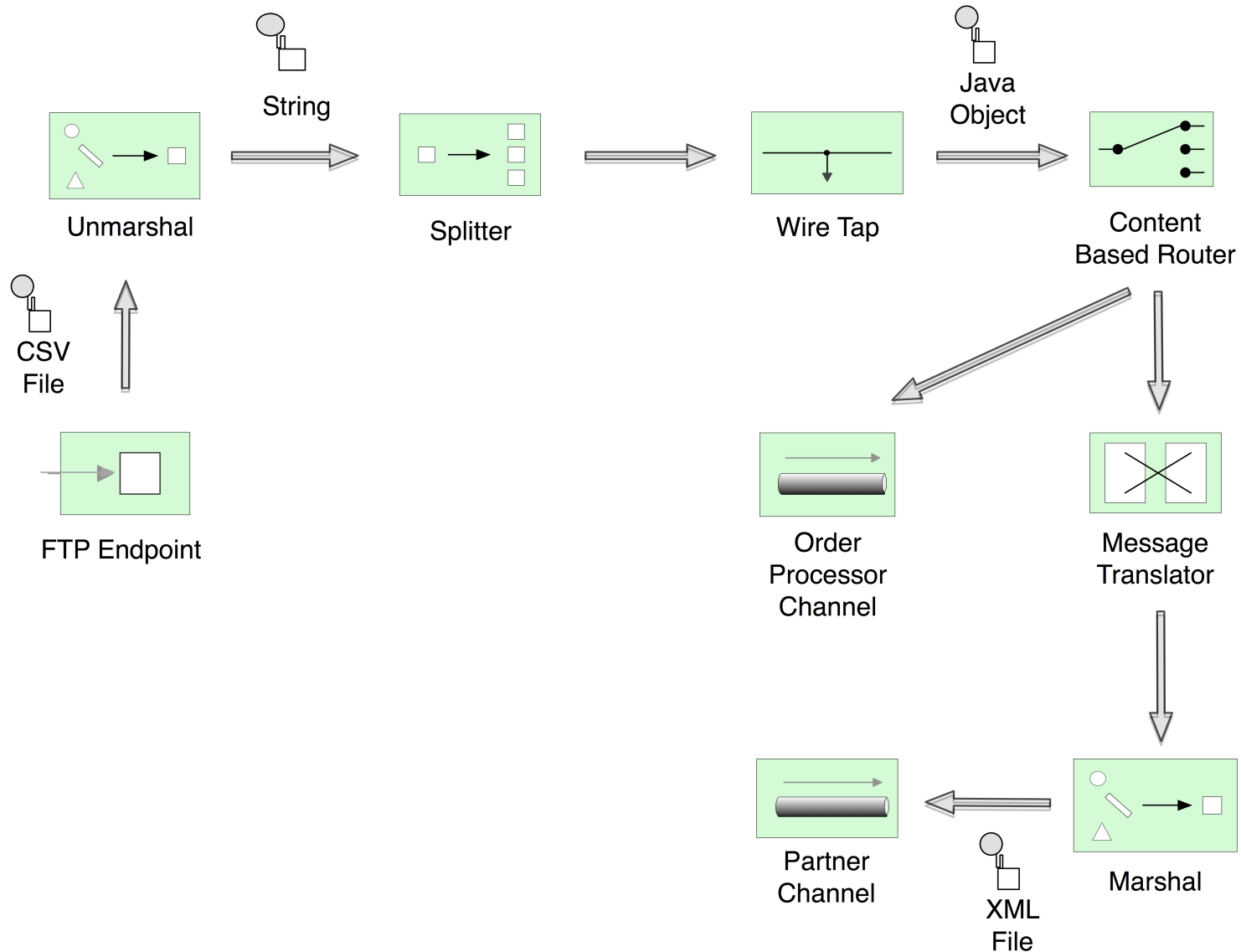
2) Was ist Apache Camel?

3) Anwendungsfall für das Live-Demo

4) LIVE DEMO: Apache Camel

5) Ausblick





Genug Theorie!

⇒ Auf zum Live Demo...

1) Was sind Enterprise Integration Patterns?

2) Was ist Apache Camel?

3) Anwendungsfall für das Live-Demo

4) LIVE DEMO: Apache Camel

5) Ausblick

1) Was sind Enterprise Integration Patterns?

2) Was ist Apache Camel?

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4) LIVE DEMO: Apache Camel

5) Ausblick



SQL TCP SMTP JMS
Netty Jetty
RMI FTP Lucene JDBC EJB
Bean-Validation MQ IRC
JMX RSS AMQP Quartz
AWS-S3 Atom Log
File HTTP Akka LDAP XSLT
CXF

Viele viele mehr... Eigene Komponenten...

Standalone Application Server

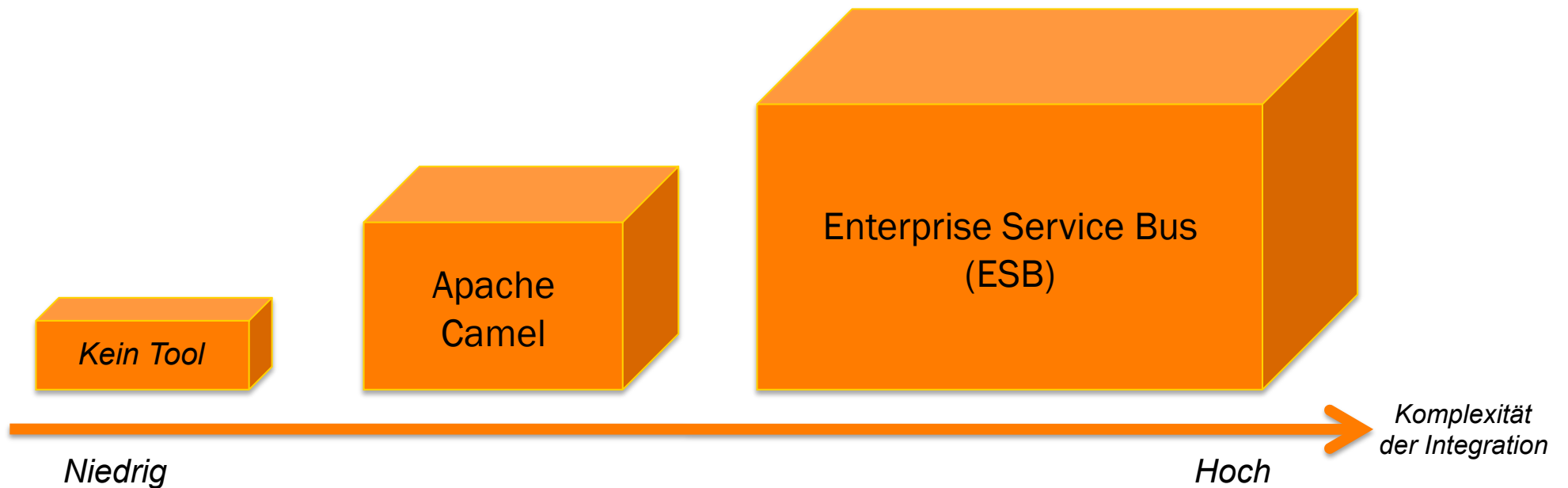
Web Container

Spring Container

OSGi

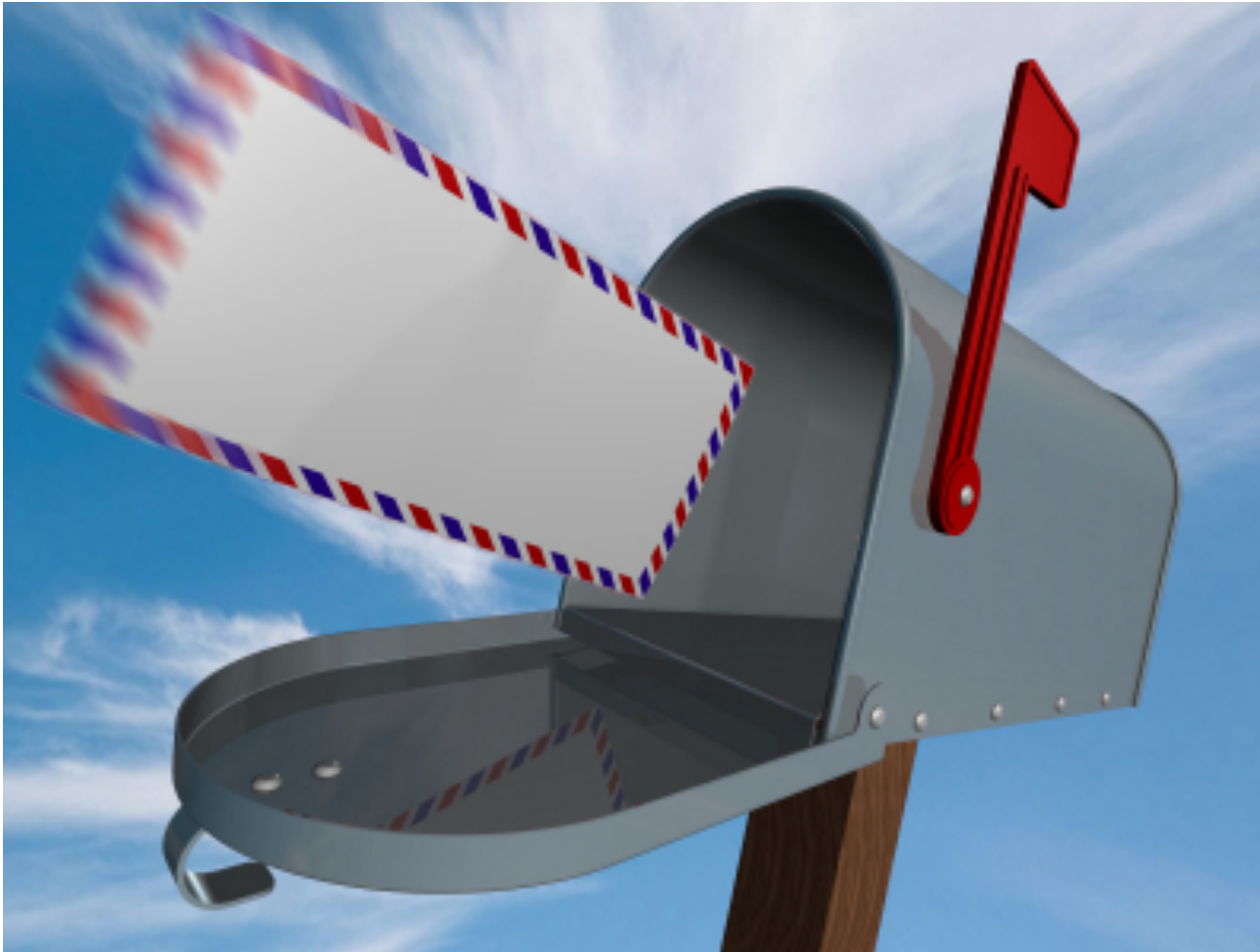


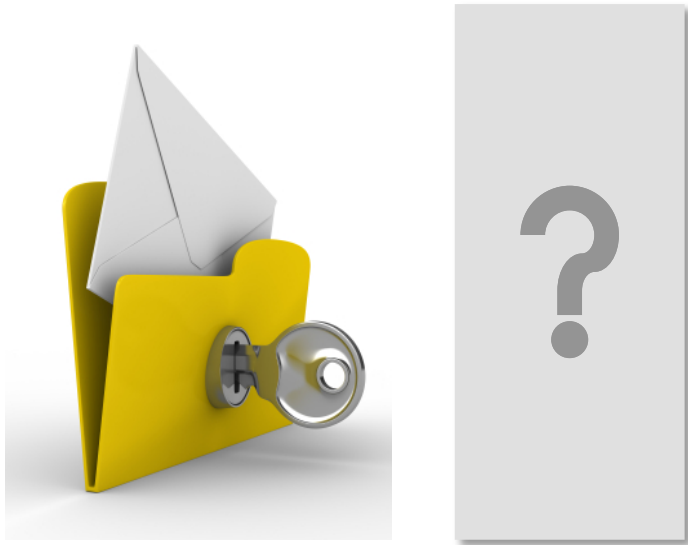




... der Systemintegrator!



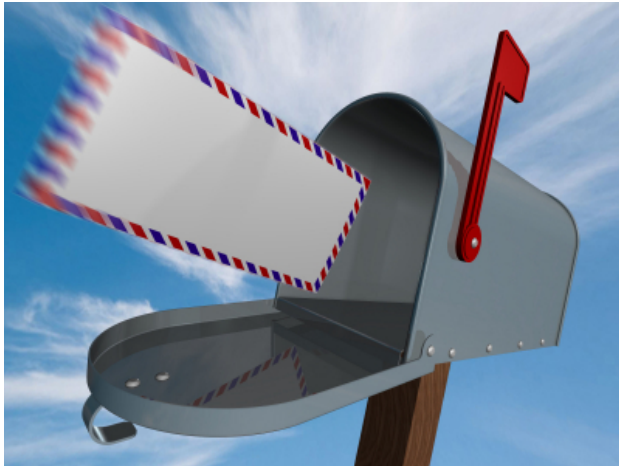


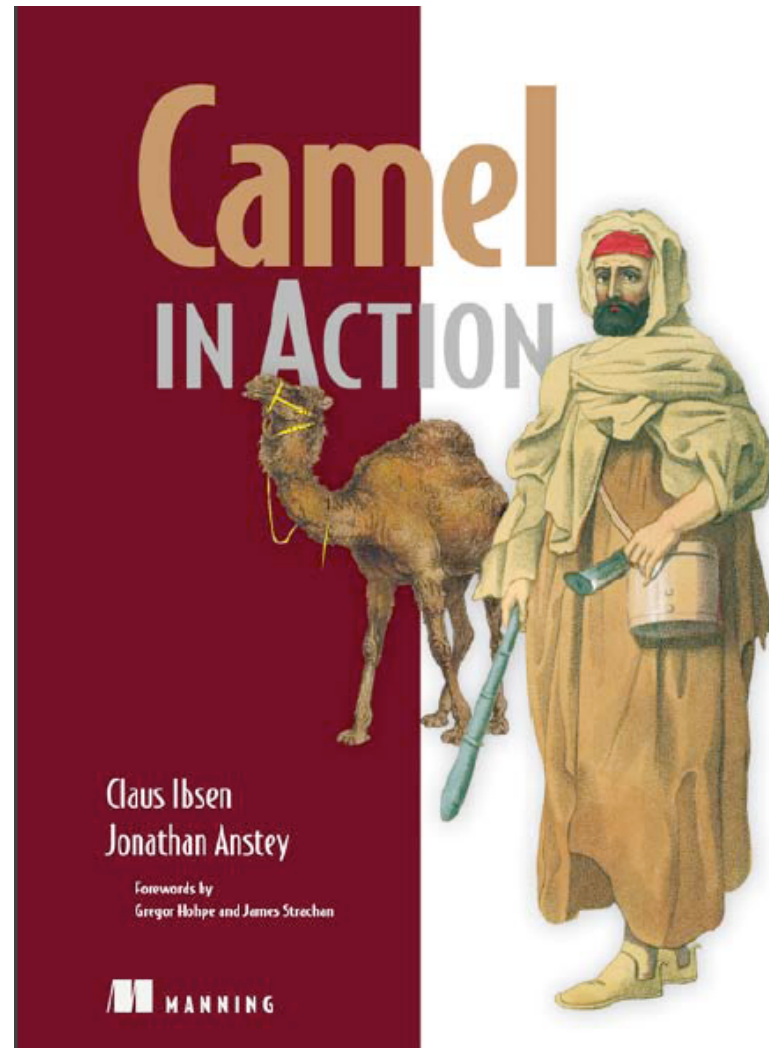


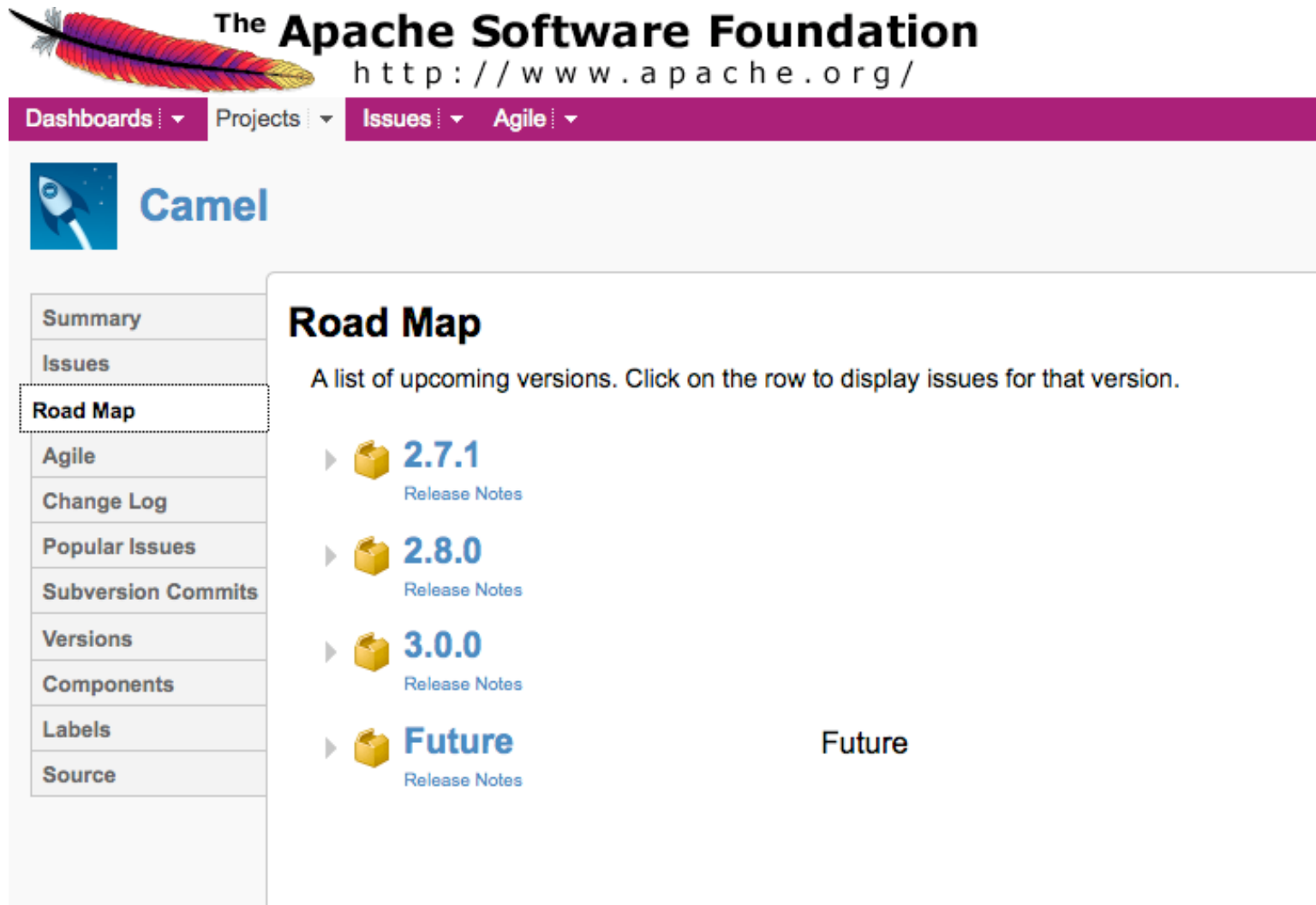
Enterprise Integration Patterns verstehen!

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Apache Camel an Hand des Live-Demos kennenlernen!







The Apache Software Foundation
<http://www.apache.org/>

Dashboards ▾ Projects ▾ Issues ▾ Agile ▾

 **Camel**

Summary
Issues
Road Map
Agile
Change Log
Popular Issues
Subversion Commits
Versions
Components
Labels
Source

Road Map

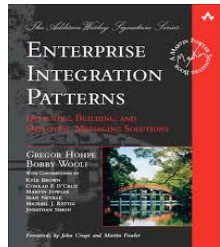
A list of upcoming versions. Click on the row to display issues for that version.

- ▶  **2.7.1**
[Release Notes](#)
- ▶  **2.8.0**
[Release Notes](#)
- ▶  **3.0.0**
[Release Notes](#)
- ▶  **Future**
[Release Notes](#)

Future

Vielen Dank für Ihre Aufmerksamkeit ... Fragen?

MaibornWolff  et al



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= Smart Enterprise Application Integration



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