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Message Driven Architecture in Grails

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Message Driven Architecture in Grails

About Me

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Quick Overview: Spring Integration

SPRING INTEGRATION: GRAILS PLUGINS

- ✓ Grails **events-si** plugin

Approach to Message Driven Architecture in Grails

- Build the skeleton of the application as a Messaging Pipeline

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Create Account

Deposit Money

Withdraw Money

Transfer Money

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Withdraw Money

- ✓ Request Authorization
- ✓ Fund Validation
- ✓ Fund Withdrawal
- ✓ Fund Delivery

Why Go Message Driven?

BUILDING THE FRAME

Implementing The Workflow

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MANNING PUBLICATIONS
quality in action

```
<!-- Data Translation Gateway -->
<gateway id="dataTranslationGateway"
         default-request-channel="data-transform-input"
         service-interface="com.manning.cps.model.DataTranslationGateway"/>

<!-- Source Content List Splitter -->
<splitter input-channel="data-transform-input" output-channel="data-transform" expression="payload.sourceFiles" />

<!-- Atomic Data Transformation Workflow -->
<chain input-channel="data-transform">
    <recipient-list-router>
        <recipient channel="data-transform-msword" selector-expression="payload.filename.endsWith('docx')" />
        <recipient channel="data-transform-docbook" selector-expression="payload.filename.endsWith('dbook')"/>
        <recipient channel="data-transform-noop" selector-expression="!payload.filename.endsWith('docx')"/>
    </recipient-list-router>
</chain>
```

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THANK YOU

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