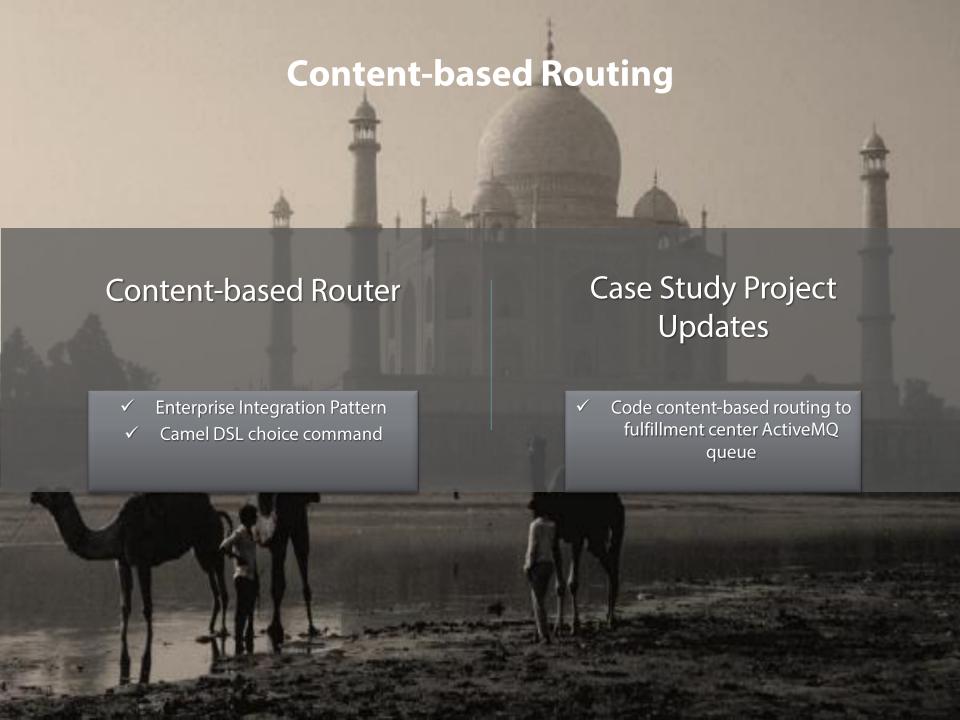
Michael Hoffman @mhi\_inc



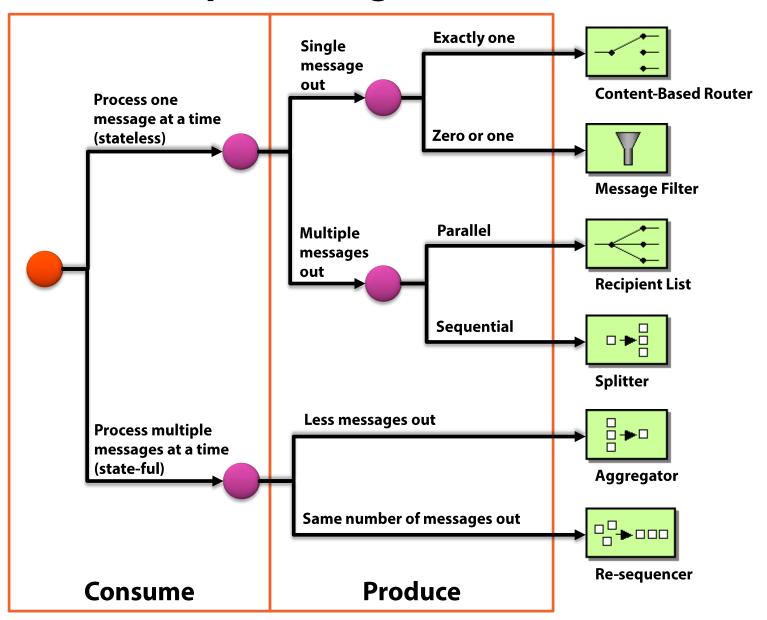


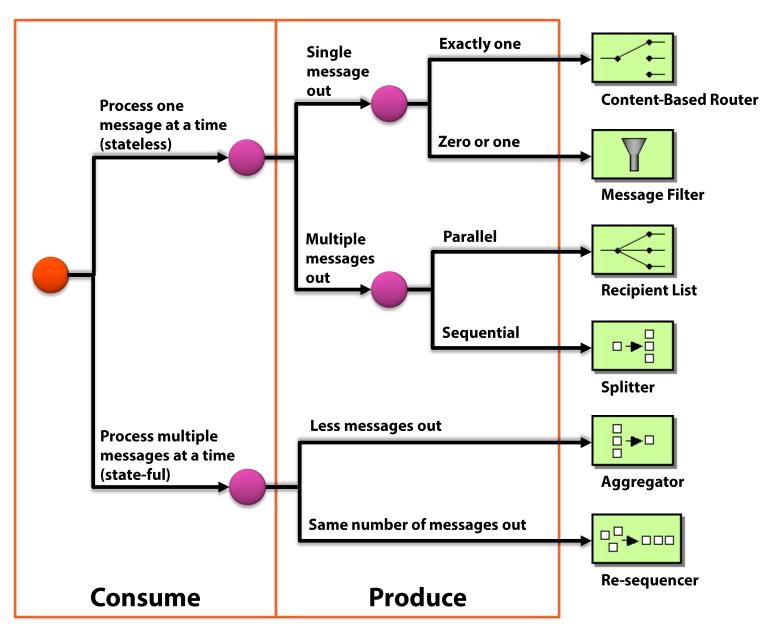


# Message Router Types of router Simple Composed

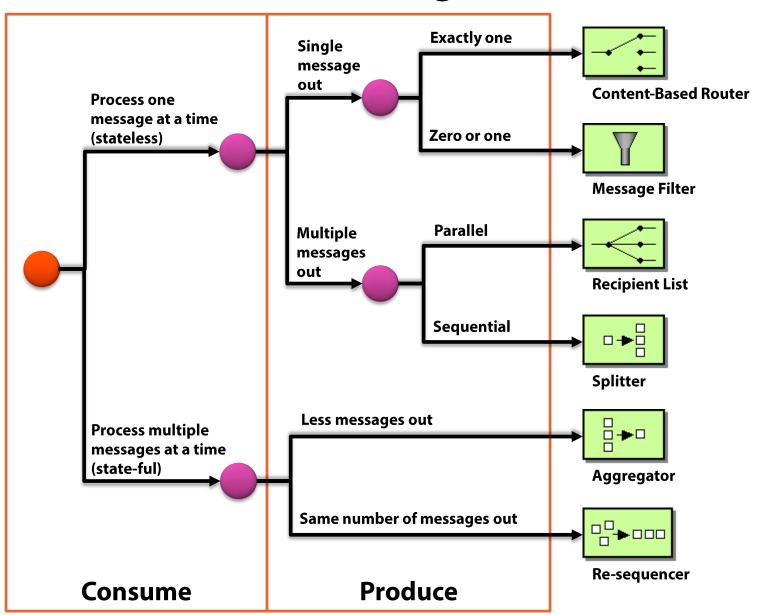
- Foundational enterprise integration pattern

#### **Simple Message Router Decision Tree**

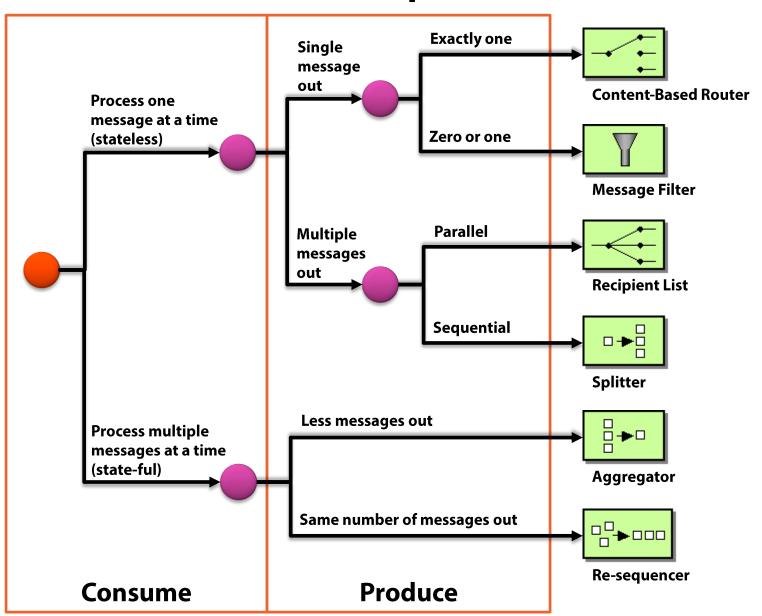




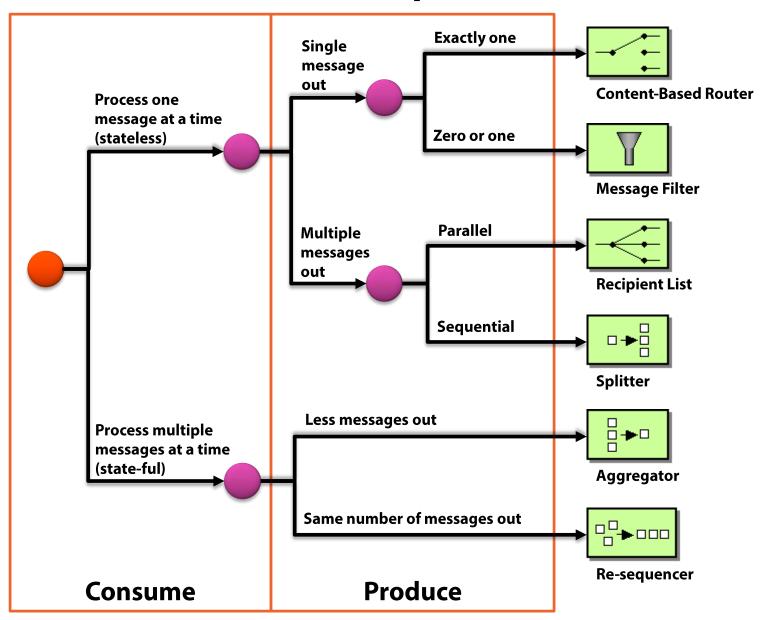
#### **Message Filter**



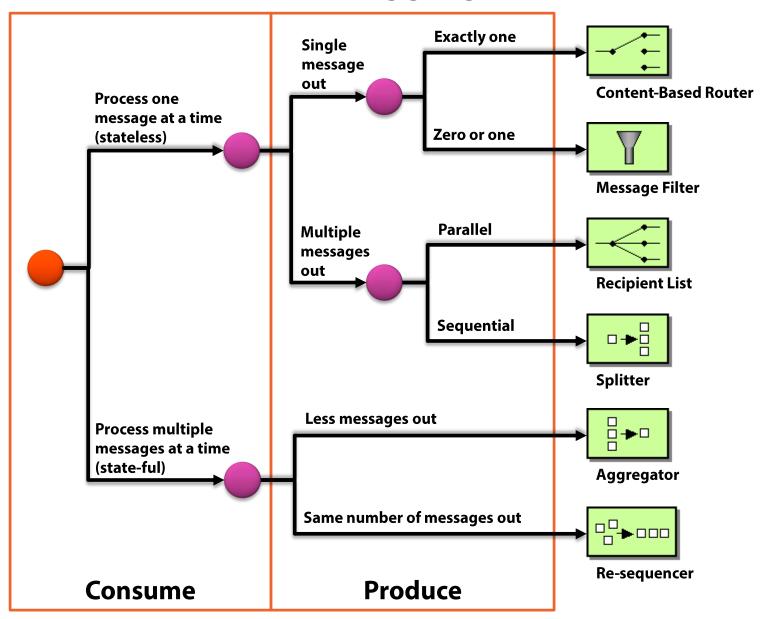
#### **Recipient List**



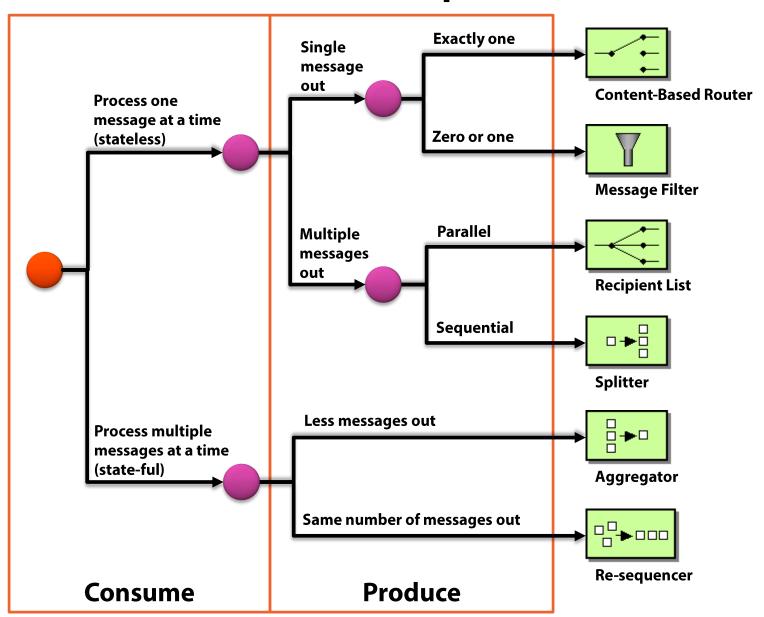
#### **Splitter**



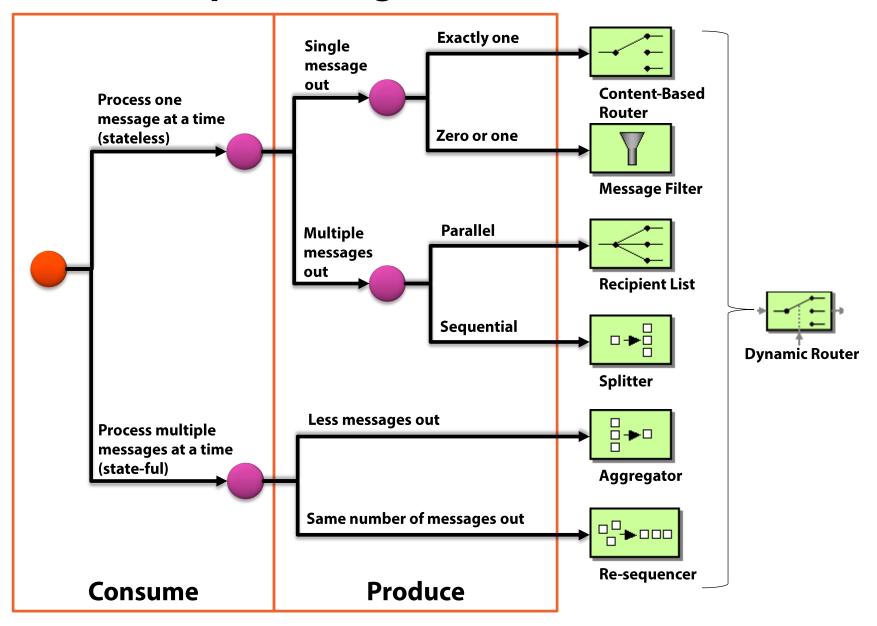
#### **Aggregator**

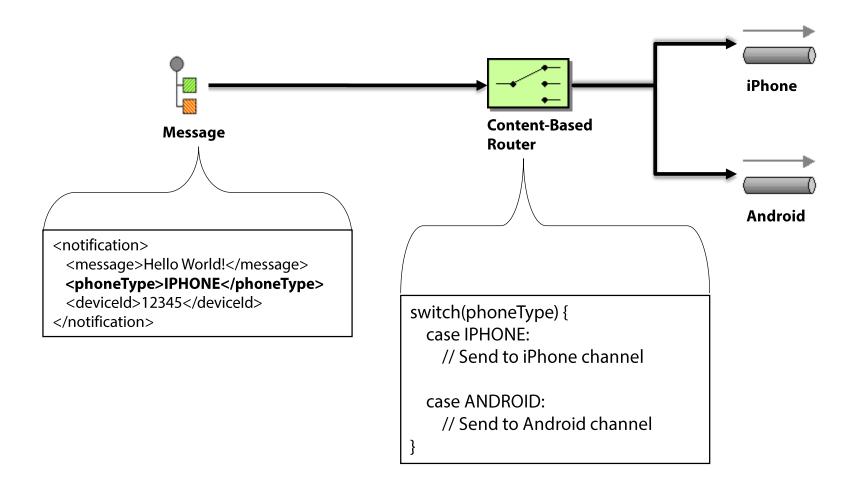


#### Re-sequencer



#### **Simple Message Router Decision Tree**





#### Predictive routing

#### Benefits

- Hides internal systems from integrators
- Minimize message traffic

#### Challenges

- Knowledge of all possible destinations
- Complex criteria

#### Content-based Router in Camel

- Implemented through the Camel DSL
- Choice processor
  - When expression
  - Otherwise expression

### Camel Extract a result from the exchange Strategies for expressions

## Camel Predicates Evaluate a condition on the message exchange Returns a boolean value

#### **Camel DSL Choice**

#### **Case Study Project – Content-based Router**

