

# Outline

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- 1 Overview
  - REST
  - BPEL
- 2 Comparison
- 3 Who did what

# Overview

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## COMPONENT DIAGRAM

# Dummy Services

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- LameDuck and NiceView

# Dummy Services

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- LameDuck and NiceView
- Defined by WSDL/XSD documents

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- LameDuck and NiceView
- Defined by WSDL/XSD documents
- Communicates with BankService

# Dummy Services

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- LameDuck and NiceView
- Defined by WSDL/XSD documents
- Communicates with BankService
- Implemented to fit wanted unit tests

# Overview - REST

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# Overview - BPEL

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- Correlation set: `itineraryID` and `customerID`



# Overview - BPEL

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- Correlation set: `itineraryID` and `customerID`
- Planning/Booking phase

# Overview - BPEL

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- Correlation set: `itineraryID` and `customerID`
- Planning/Booking phase
  - Get flights/hotels
  - Plan flights/hotels – kept in global variables

# Overview - BPEL

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- Correlation set: `itineraryID` and `customerID`
- Planning/Booking phase
  - Get flights/hotels
  - Plan flights/hotels – kept in global variables
  - Attempt booking, loops all planned flights/hotels

# Overview - BPEL

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- Correlation set: `itineraryID` and `customerID`
- Planning/Booking phase
  - Get flights/hotels
  - Plan flights/hotels – kept in global variables
  - Attempt booking, loops all planned flights/hotels
  - Compensation handler on each booking attempt

# Overview - BPEL

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- Correlation set: `itineraryID` and `customerID`
- Planning/Booking phase
  - Get flights/hotels
  - Plan flights/hotels – kept in global variables
  - Attempt booking, loops all planned flights/hotels
  - Compensation handler on each booking attempt
- Cancel phase

# Overview - BPEL

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- Correlation set: `itineraryID` and `customerID`
- Planning/Booking phase
  - Get flights/hotels
  - Plan flights/hotels – kept in global variables
  - Attempt booking, loops all planned flights/hotels
  - Compensation handler on each booking attempt
- Cancel phase
  - Attempts to cancel all flights/hotels
  - Times out after a certain point in time

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# Comparison BPEL vs REST

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## Who did what