



# Business processes and preservation: TIMBUS

Start Date: 21<sup>st</sup> May 2012

# Outline

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- A Simple Business Example
- Business Continuity Management
- Enterprise Risk Management
- Digital Preservation
  - Current Solutions
  - TIMBUS Solution
- Conclusion
- Questions



# See BIG Picture

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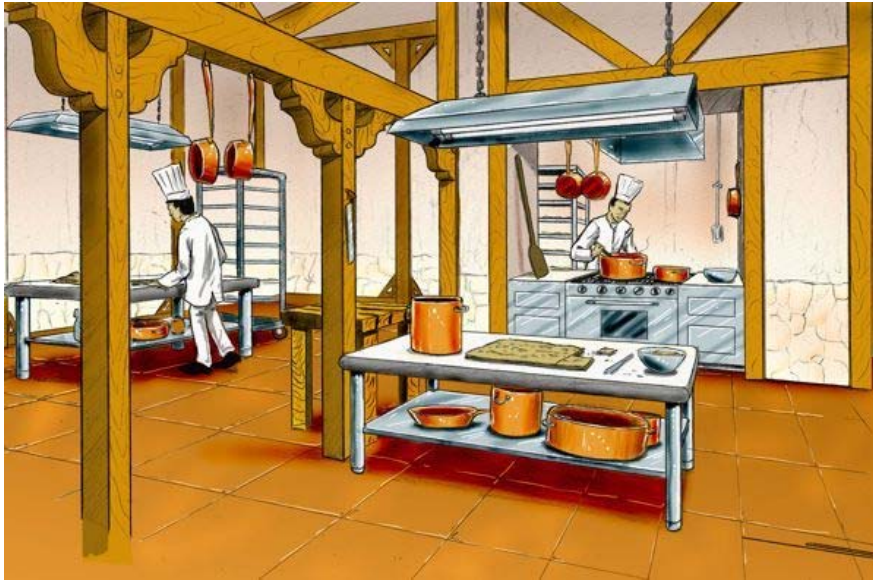
In the next 30 minutes we will only scratch the surface, so  
use your imagination to see the BIG PICTURE

# Setup a Business

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## Nick's Bakery



## Upside Down Apple Cake



We bake one cake a day 😊

# Software Components

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Butter



Sugar



Salt



Apples



Eggs



Baking  
Powder



Plain  
Flour



Vanilla

# Hardware Components

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Spoons



Palate



Knife



Wisk



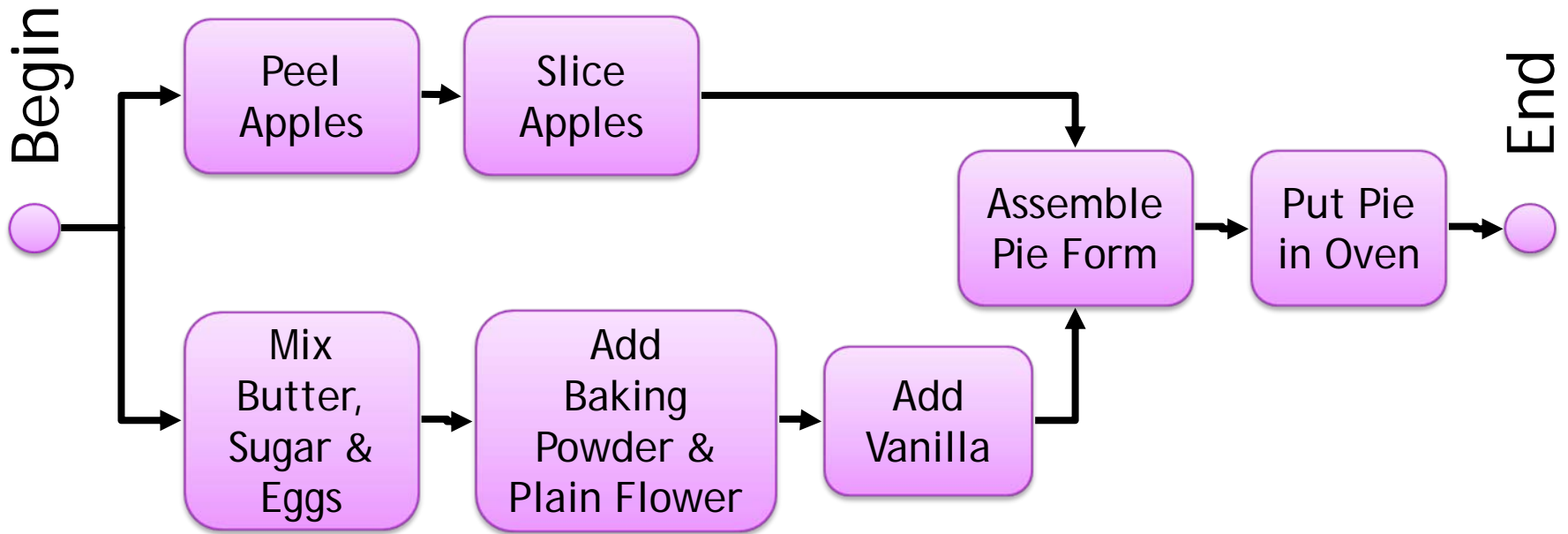
Baking Pan



Oven

# Business Process

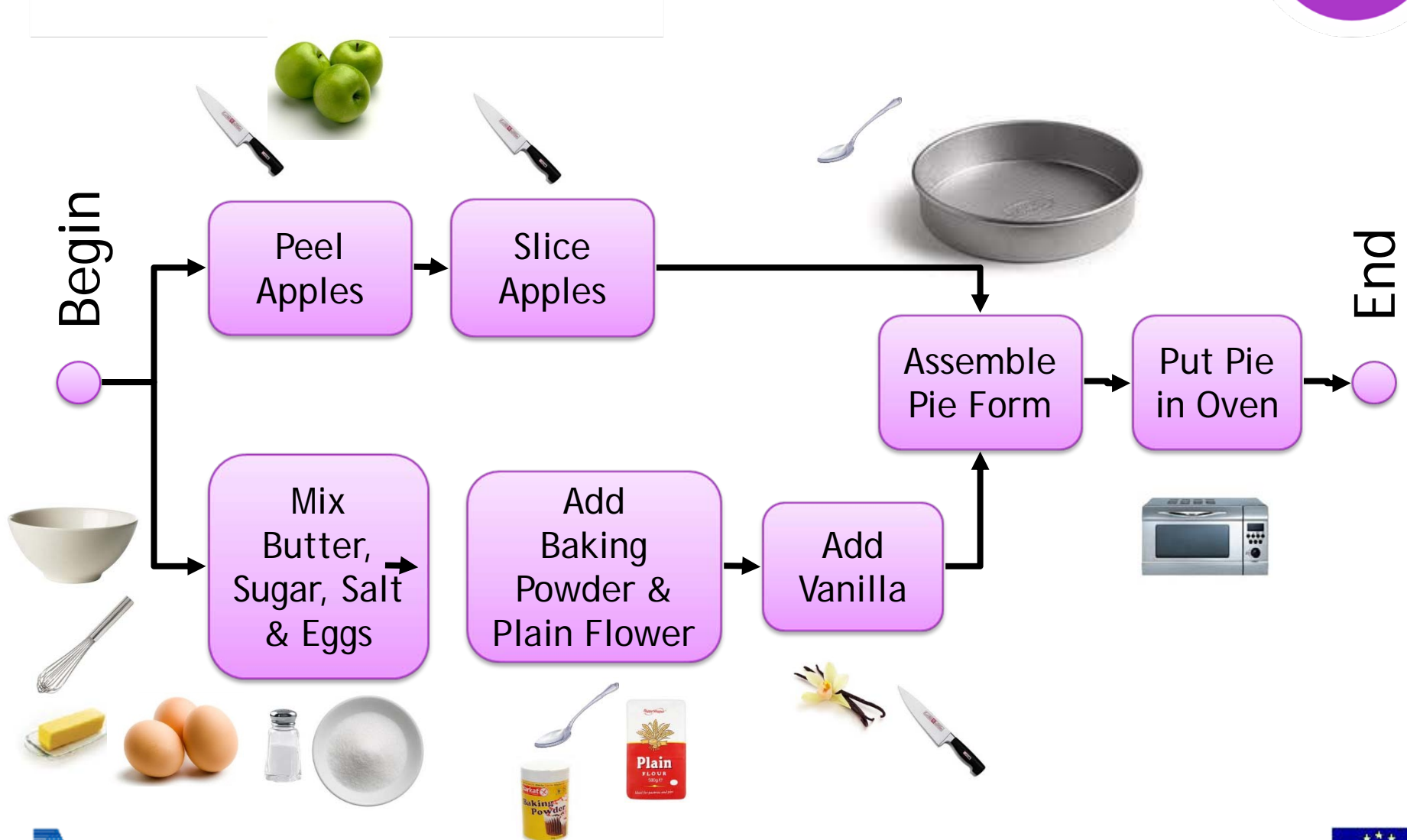
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# Business Process Dependencies

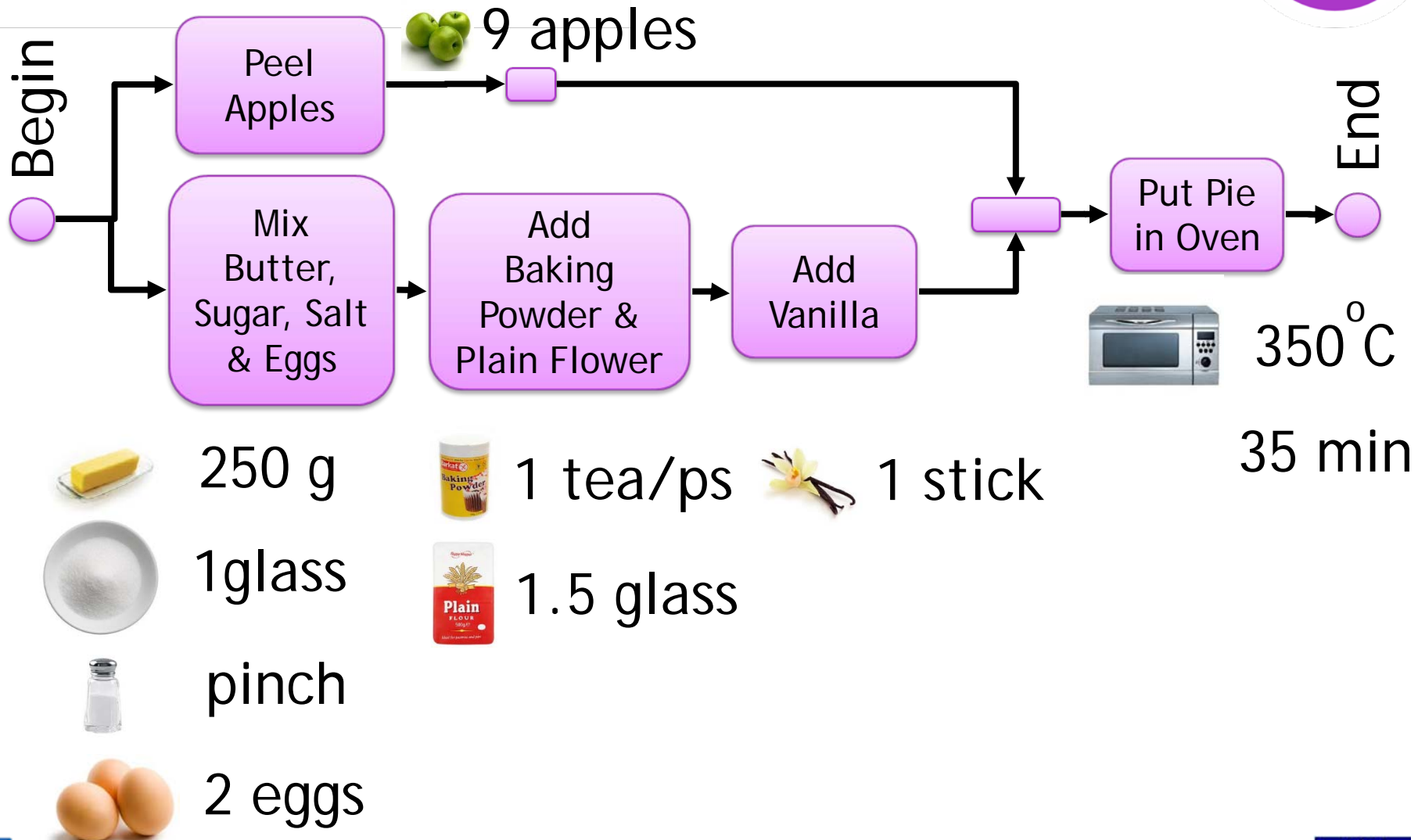
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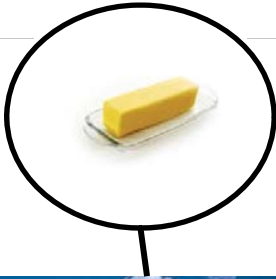
# Business Process Context

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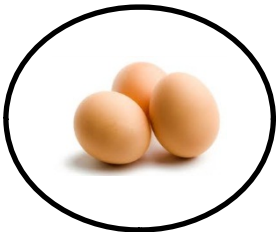


# Service Providers

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Diary Farm



Eggs Farm



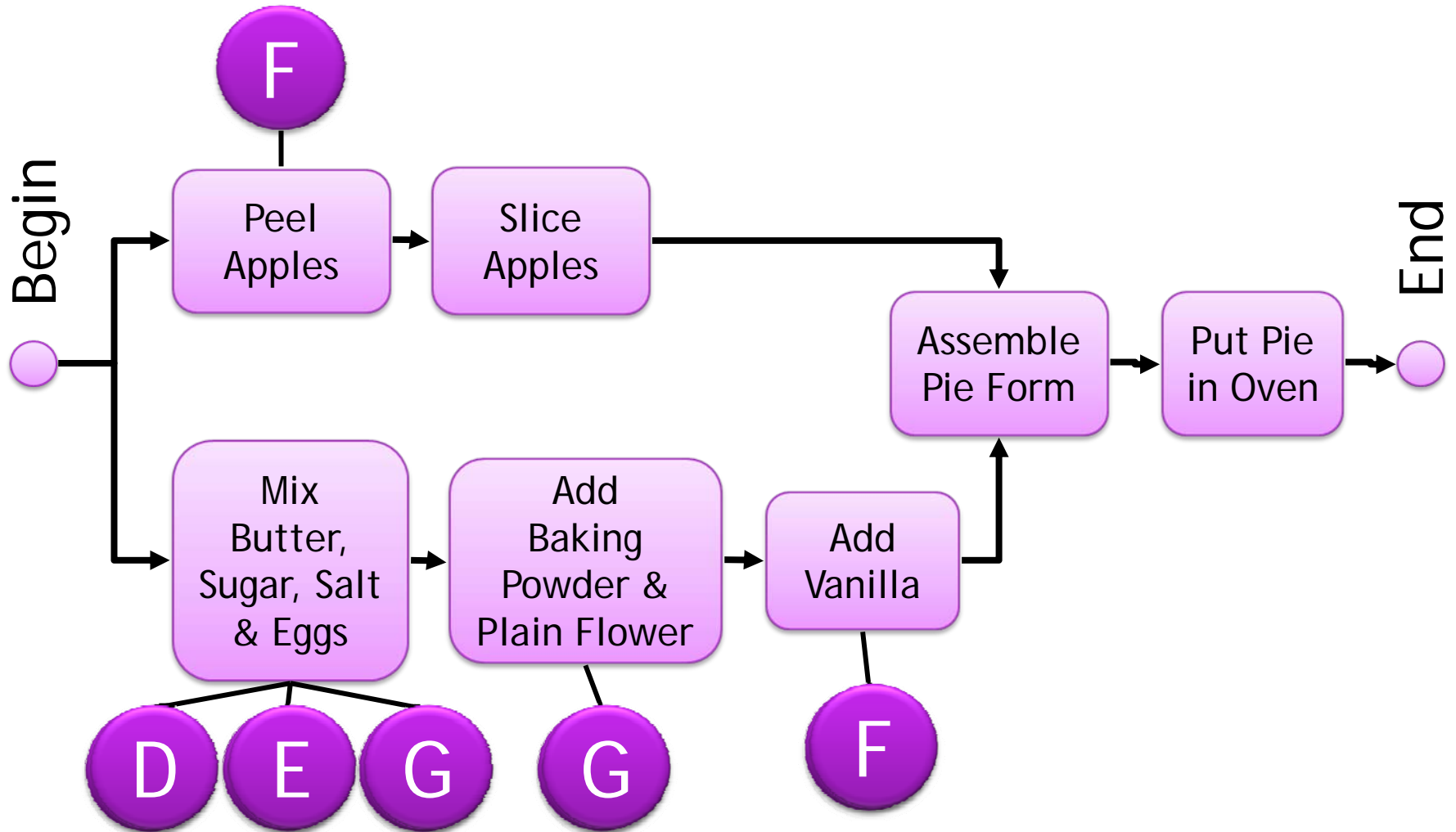
Grain Farm



Fruit Farm

# SOA & Business Process

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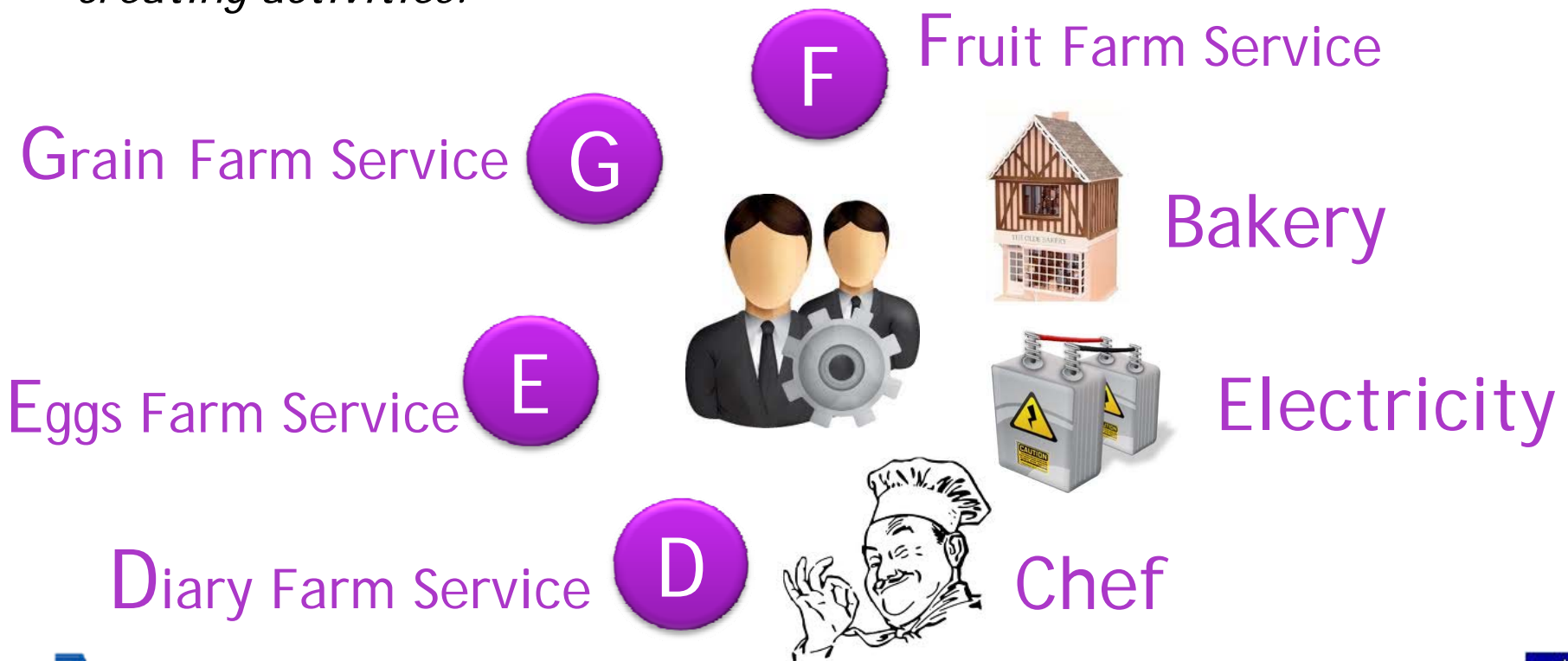


# Business Continuity Management

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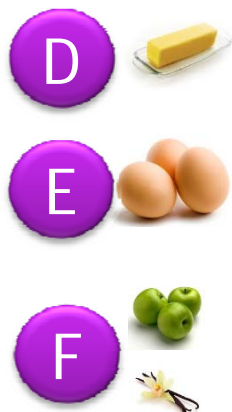
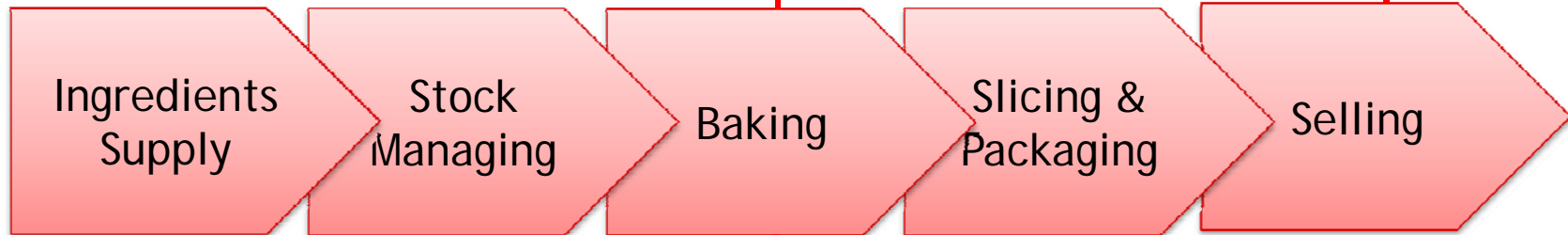


*"A holistic management process that identifies potential impacts that threaten an organization and provides a framework for building resilience with the capability for an effective response that safeguards the interests of its key stakeholders, reputation, brand and value creating activities."*



# Business Continuity Management

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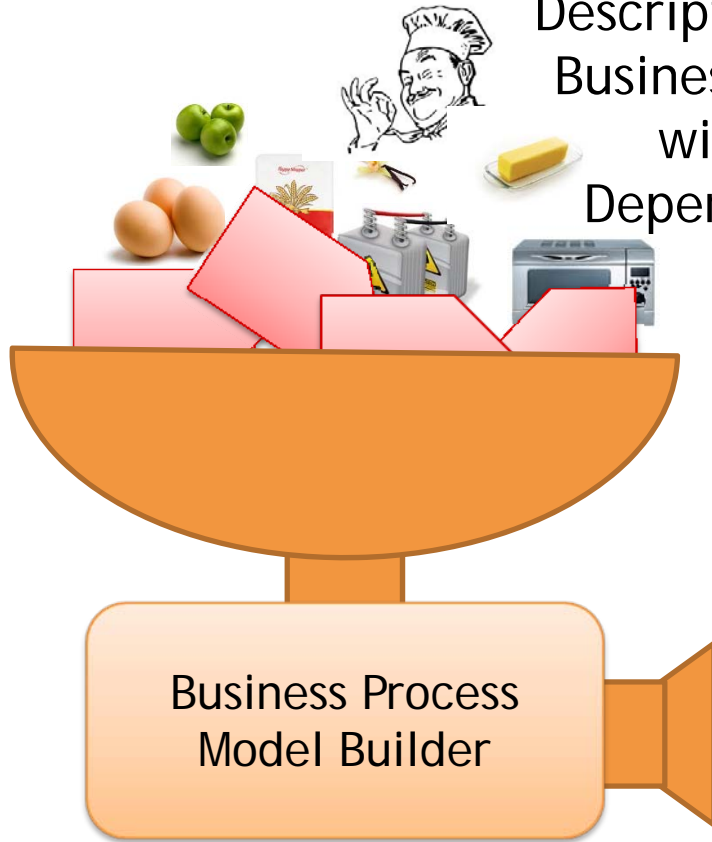


# Enterprise Risk Management

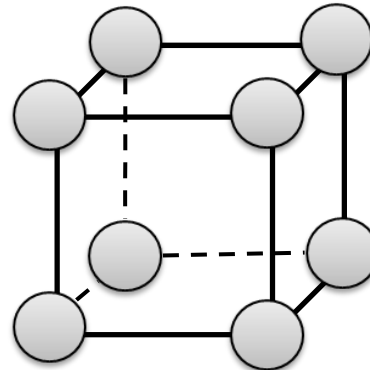
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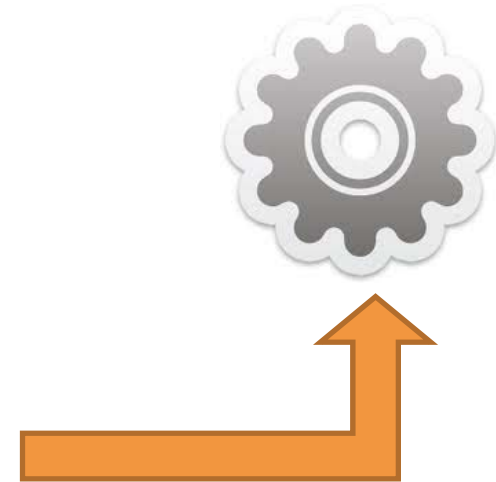
Description of the  
Business Process  
with All  
Dependencies



Petri Net Model



Modelling

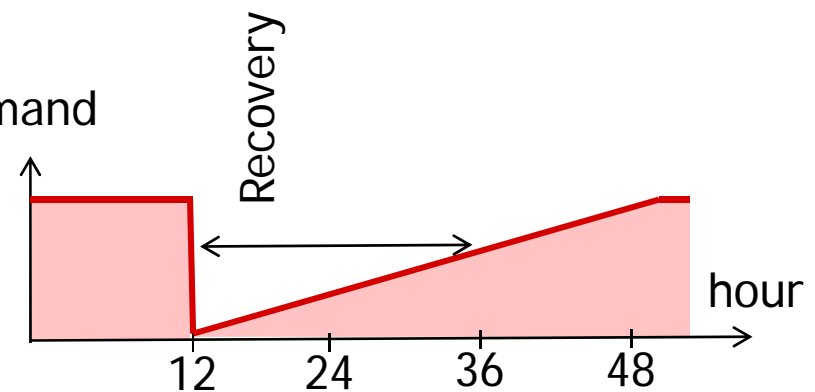
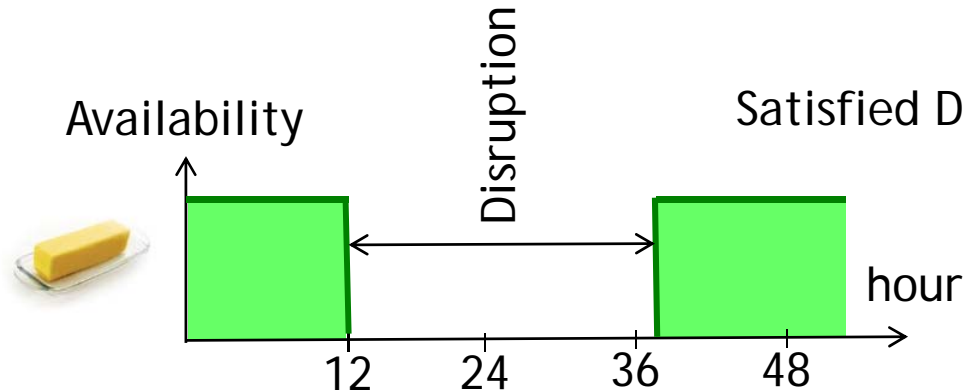
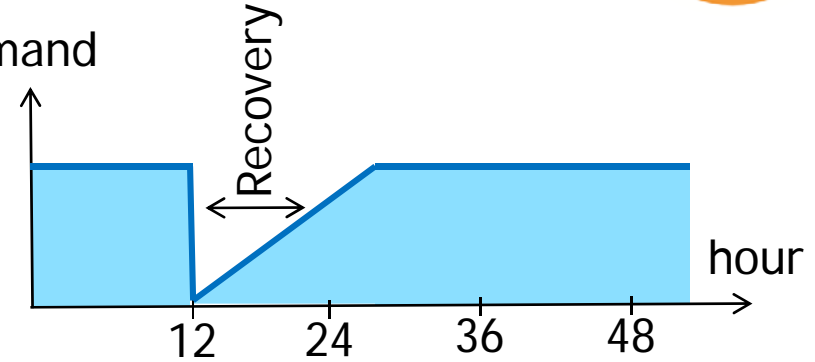
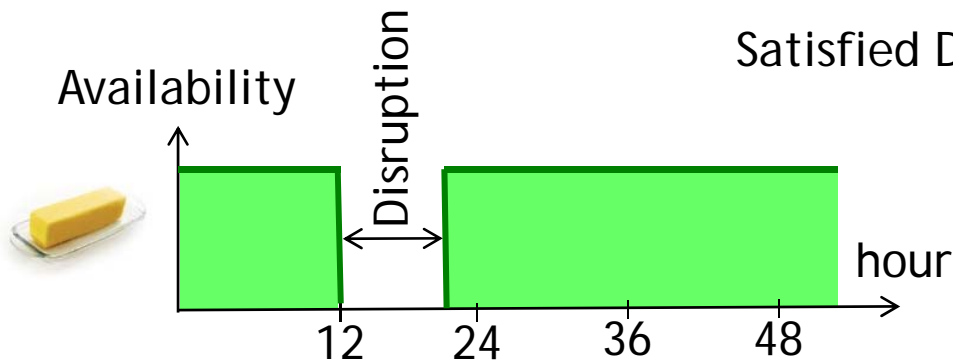


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# Enterprise Risk Management

TIMELESS BUSINESS ◀ ● ▶



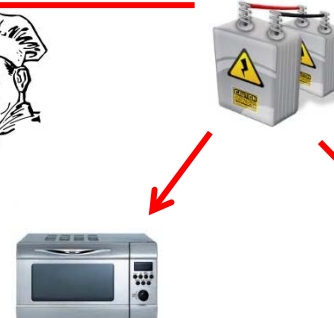
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# Business Continuity Management

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Ingredients  
Supply

Stock  
Managing

Baking

Slicing &  
Packaging

Selling

D



E



F



G

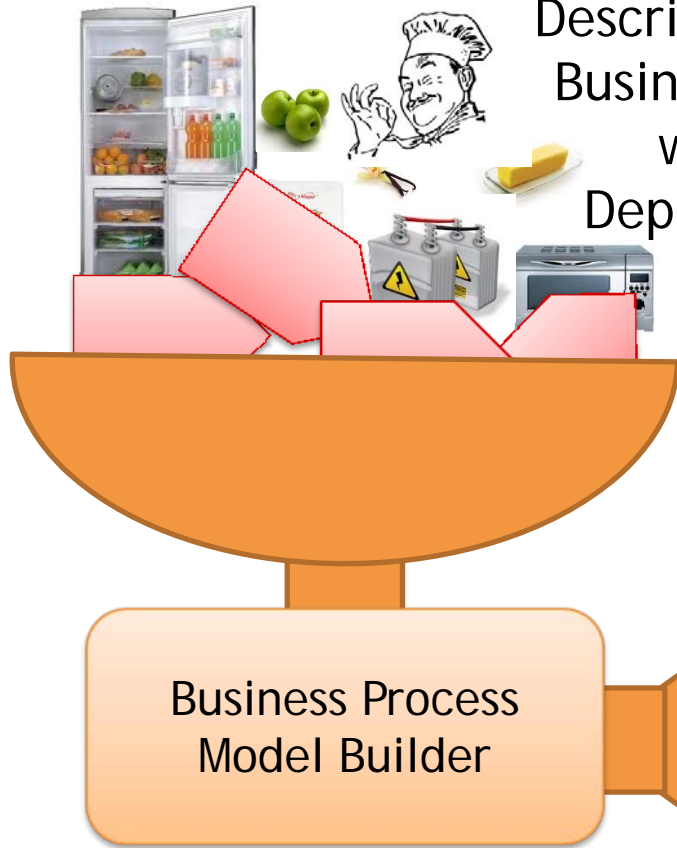


# Enterprise Risk Management

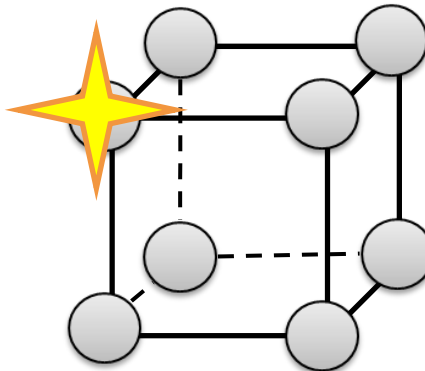
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Description of the  
Business Process  
with All  
Dependencies



Petri Net Model



Modelling

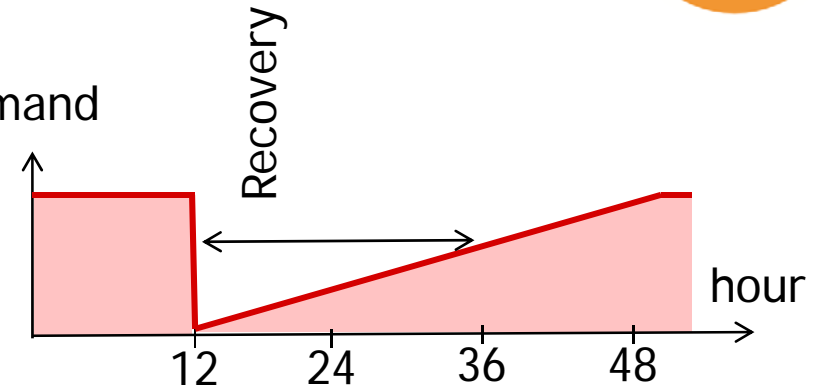
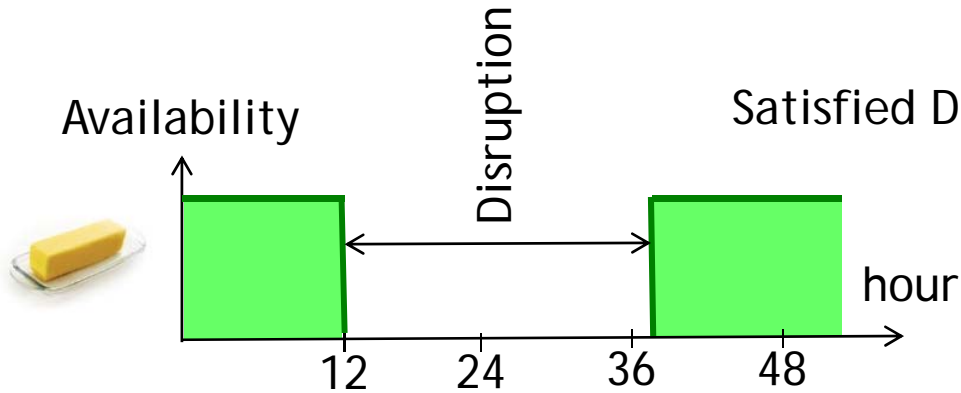


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# Enterprise Risk Management

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Availability

Disruption

Satisfied Demand

Recovery

hour

hour

12

24

36

48

12

24

36

48



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# Digital Preservation

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Nick's Bakery  
Business

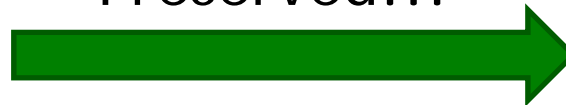
Need to be  
Available !!!



Future

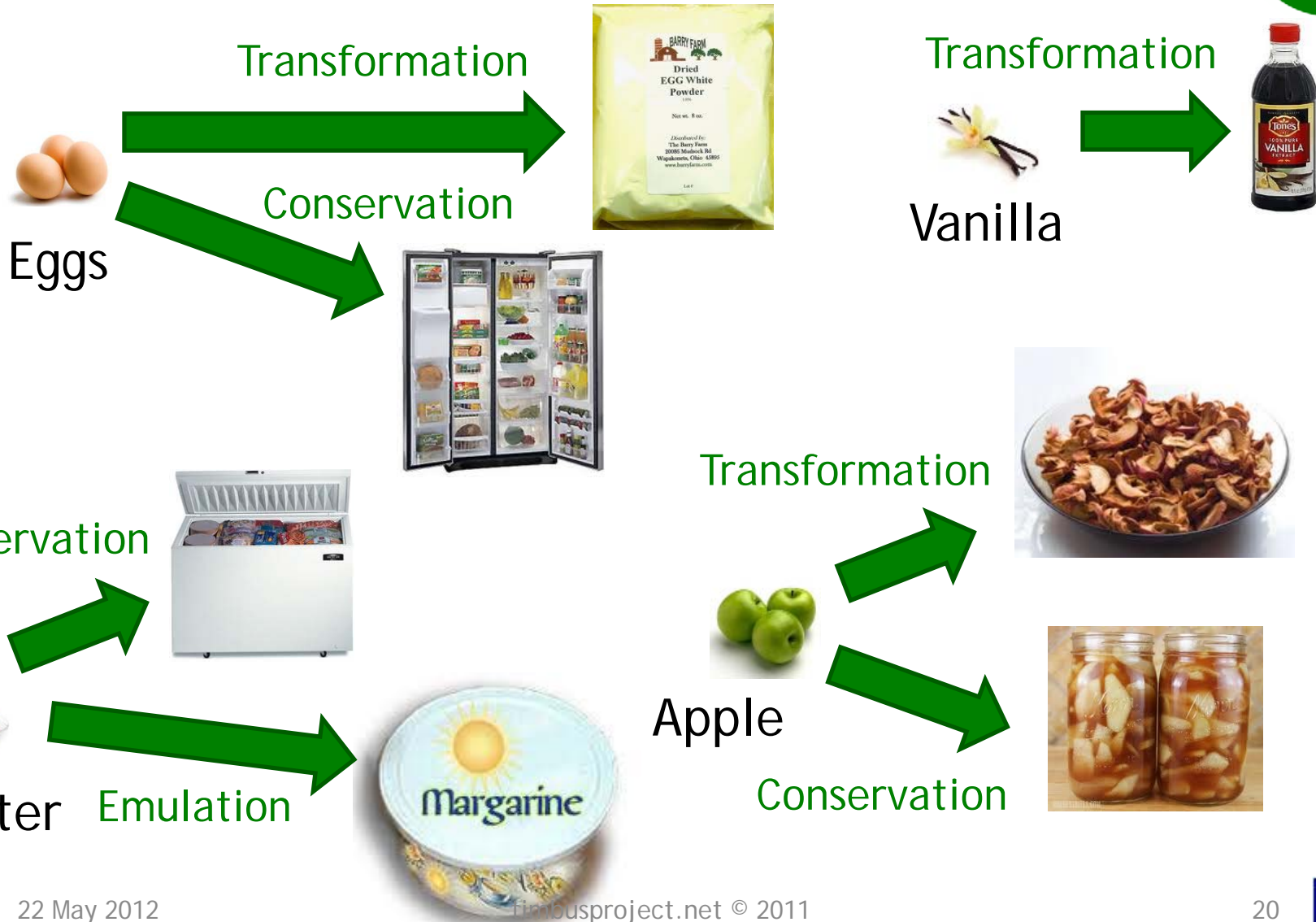


Need to be  
Preserved!!!



# DP Solutions (Data Preservation)

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# DP Solutions (Data Preservation)

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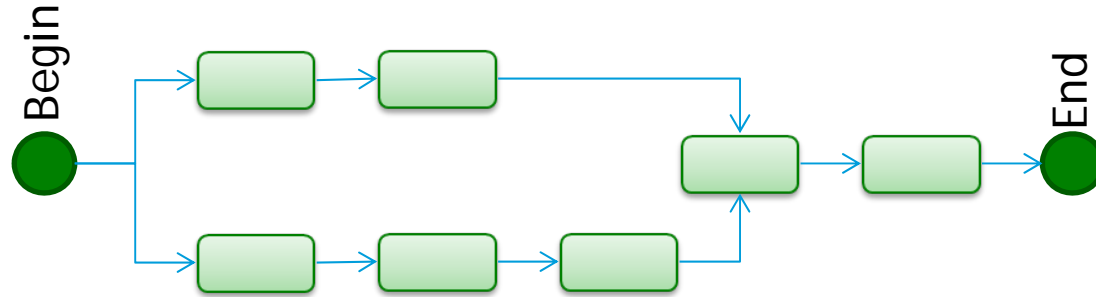


Both Apple pies, but which one would she prefer ????



# DP Solutions (BPs Preservation)

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Nick's Bakery Business Process



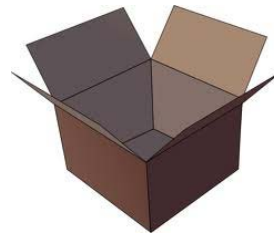
Dependencies



Contexts

Preserved Business Process

Preserved Dependencies & Contexts



Long-Term Preservation

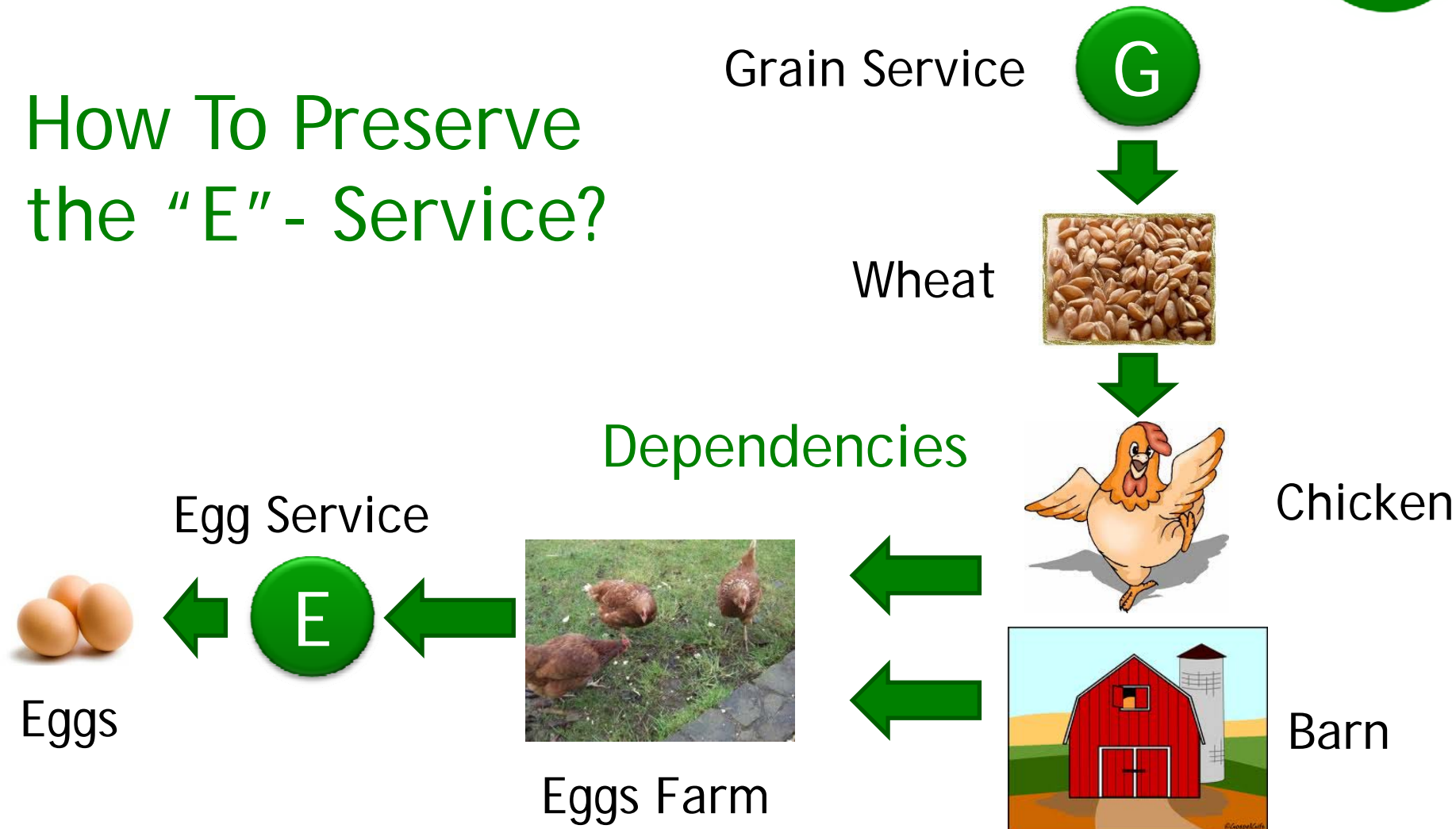


# DP Solutions (BPs Preservation)

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## How To Preserve the "E" - Service?



# Conclusion

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TIMBUS approach extends traditional digital preservation approaches by introducing the need to analyse and sustain accessibility to business processes and the supporting services, and it aligns preservation actions more fully with enterprise risk management (ERM) and business continuity management (BCM). The complexity and scale of enterprise business processes makes TIMBUS exceptionally relevant.

# Q&A Session

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## Questions ...

# The end!

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## Thank you!