Developing Processes

Cordys BOP 4.1 Fundamentals

CORDYS

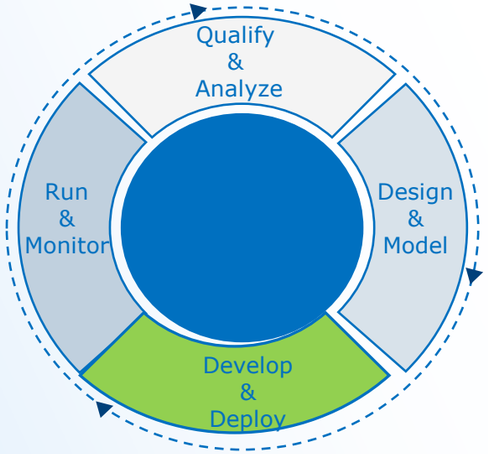
Agenda

CORDYS

- Making Processes Executable
- Data Flow Management
- Executing Processes
- Business Process Types

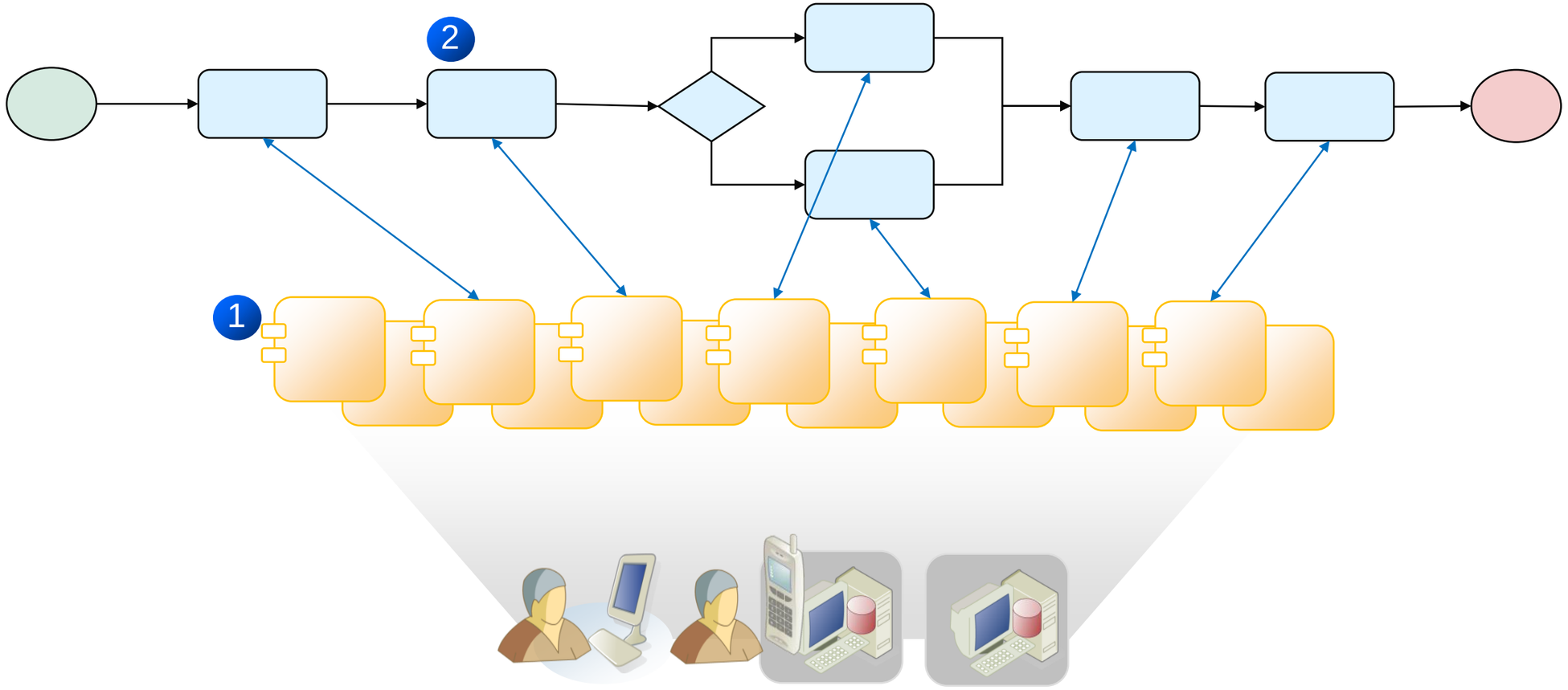
Developing Business Process Models - Embed Services

CORDYS



Embed services into process models

1. Expose applications (packages and legacy) in a SOA way
2. Implement process model activities



Adding Components to a BPM

CORDYS

- List of components that can be added to a BPM
  - User Interfaces
  - Web Service Operations
  - Business Process Models
  - Decision Tables
  - Case Models
  - Work Lists
  - Organization Units
  - Roles
  - Business Calendars
  - Empty Activities

Agenda

CORDYS

- Making Processes Executable
- Data Flow Management
- Executing Processes
- Business Process Types

Data Flow

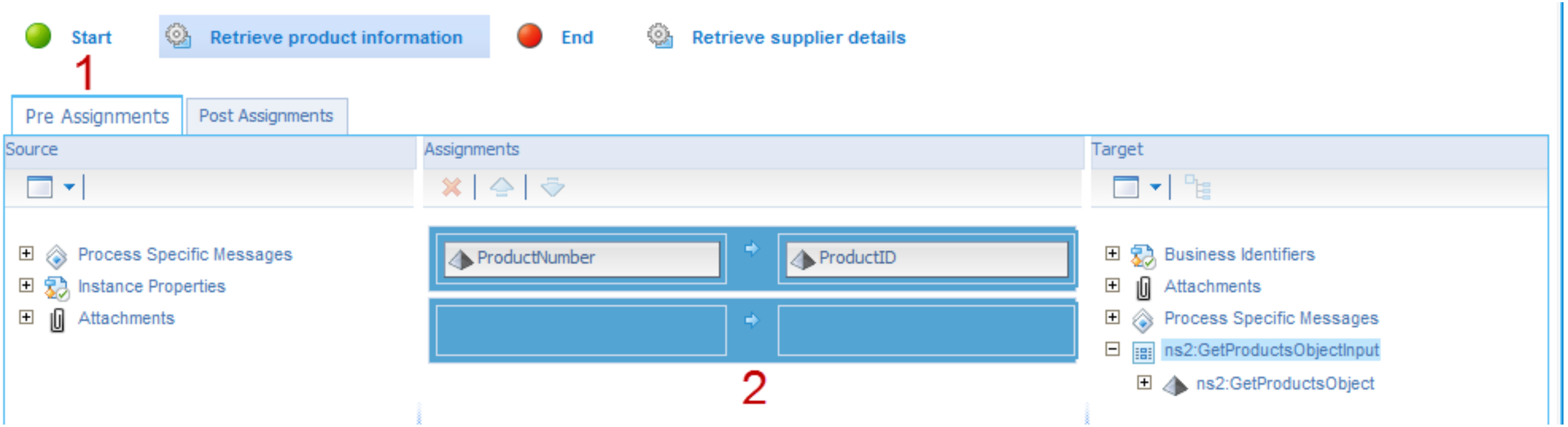
CORDYS

- All process data is stored in the *Message Map*
- At runtime responses are added to the *Message Map*
- Data can be copied to and from the *Message Map* by making assignments

Message Map

CORDYS

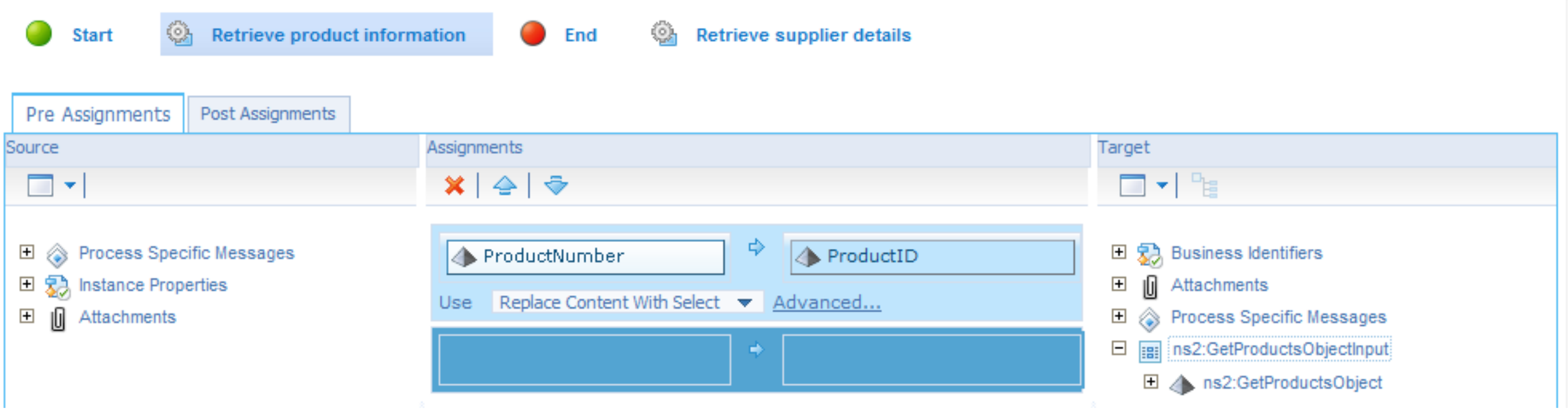
- Constructs (1)
- Assignments (2)
  - Pre Assignments: before construct is performed
  - Post Assignments: after construct is performed



Message Map Pre Assignments

CORDYS

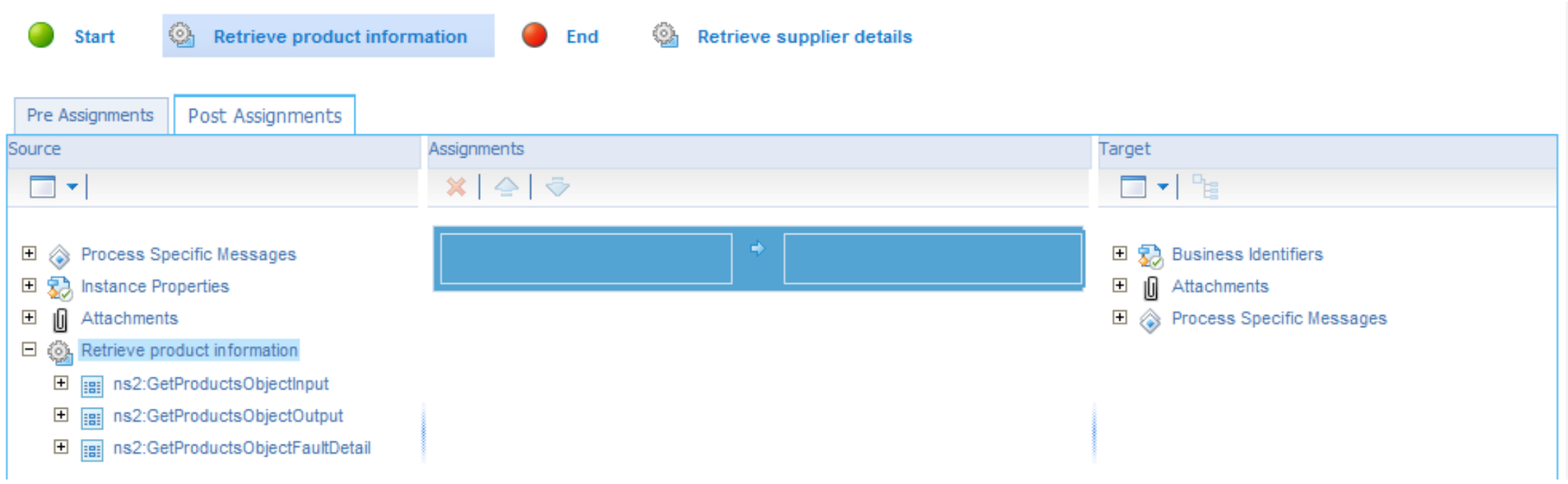
- Source
  - Process Specific Messages
  - Instance Properties
  - Attachments
  - Activities up stream
- Target
  - Business Identifiers
  - Attachments
  - Process Specific Messages
  - Input structure of selected activity



Message Map Post Assignments

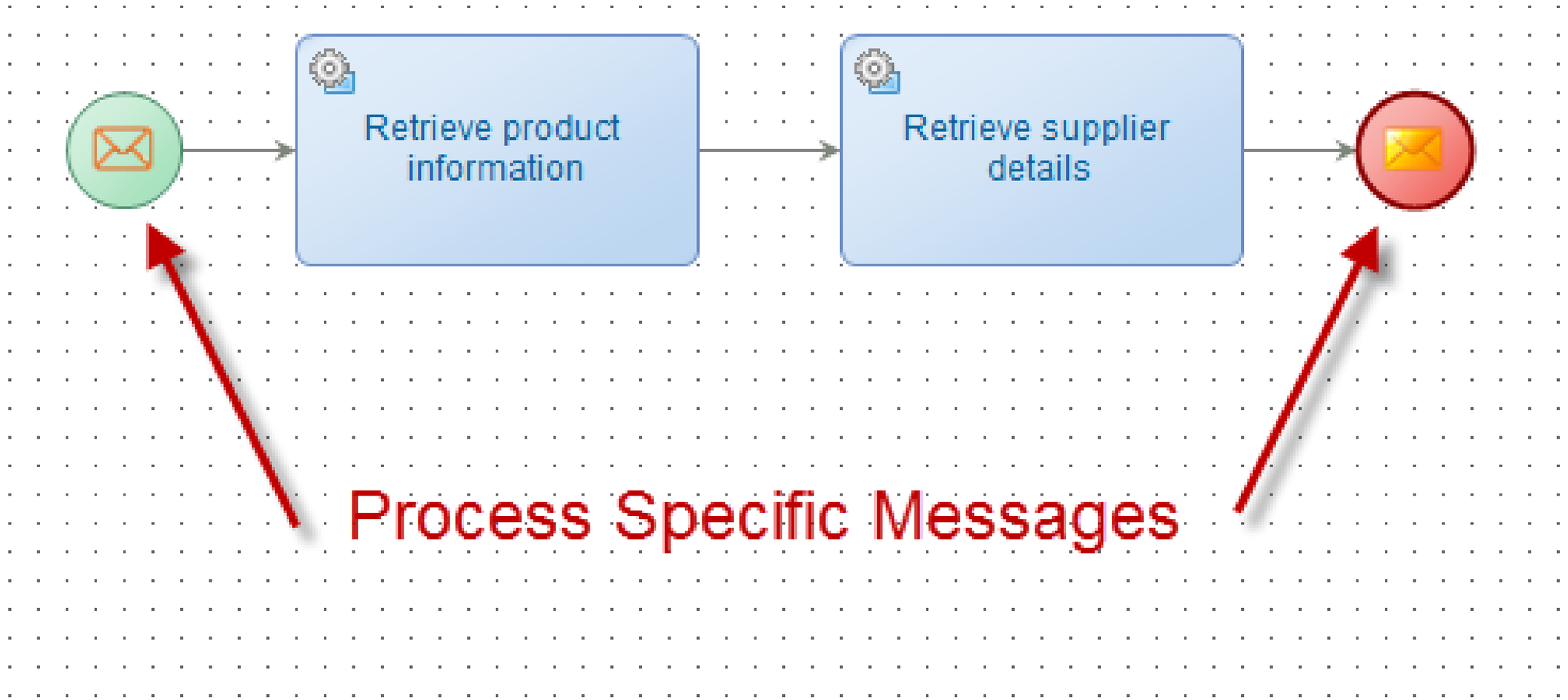
CORDYS

- Source
  - Process Identifiers
  - Instance properties
  - Attachments
  - Process Specific Messages
  - In - and Output Message of
    - **selected** activity
    - Activities up stream
- Target
  - Business Identifiers
  - Attachments
  - Process Specific Messages



Process Specific Messages Usage Example

CORDYS



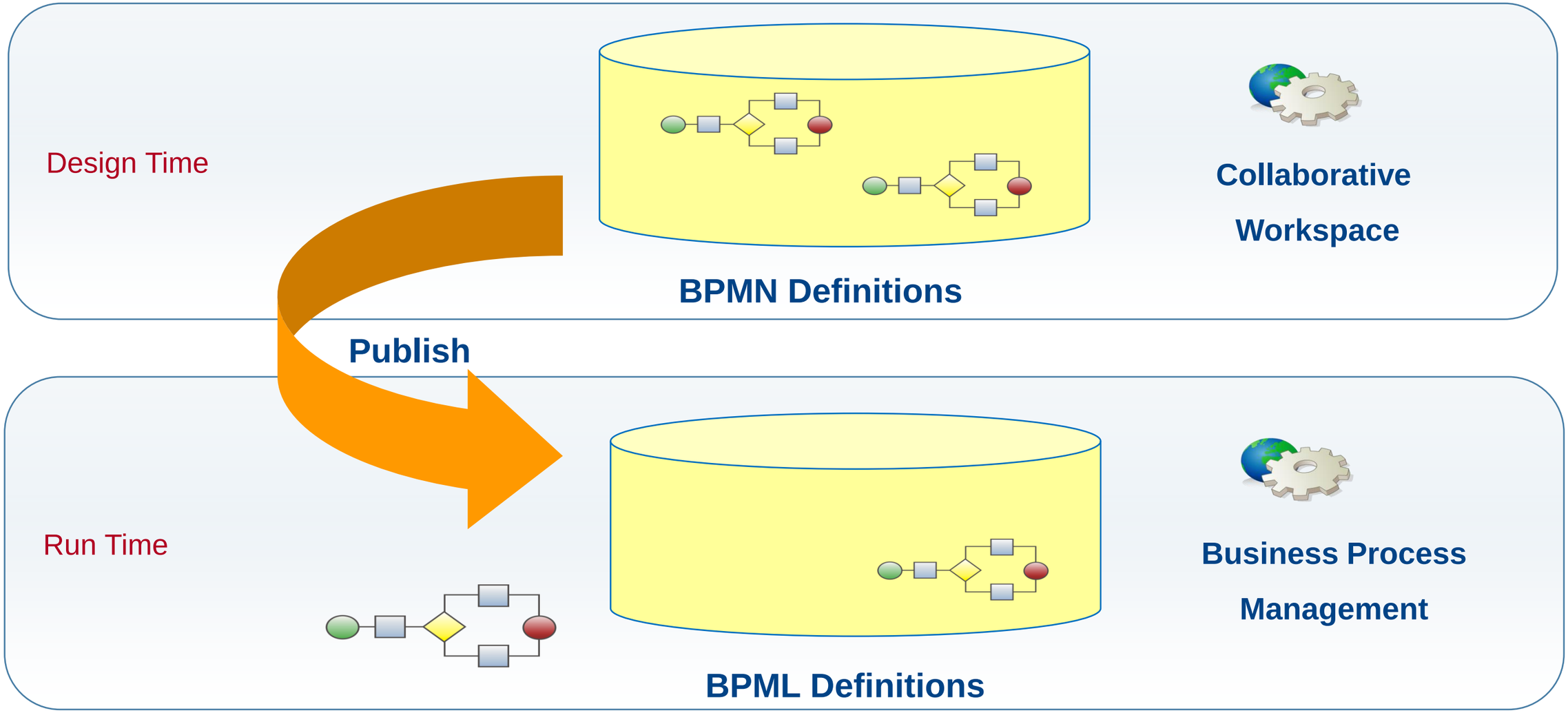
Agenda

CORDYS

- Making Processes Executable
- Data Flow Management
- Executing Processes
- Business Process Types

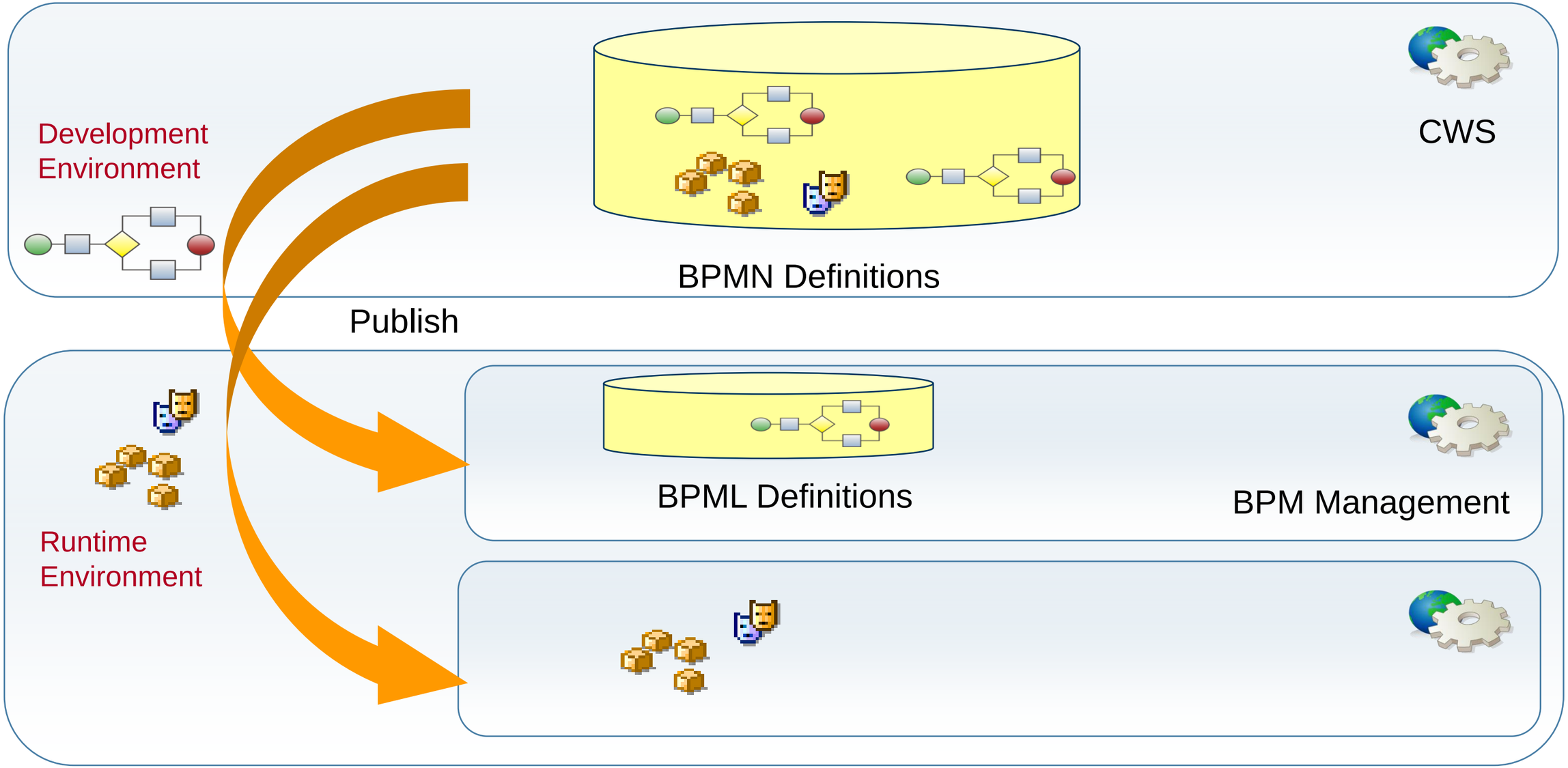
Publish Process

CORDYS



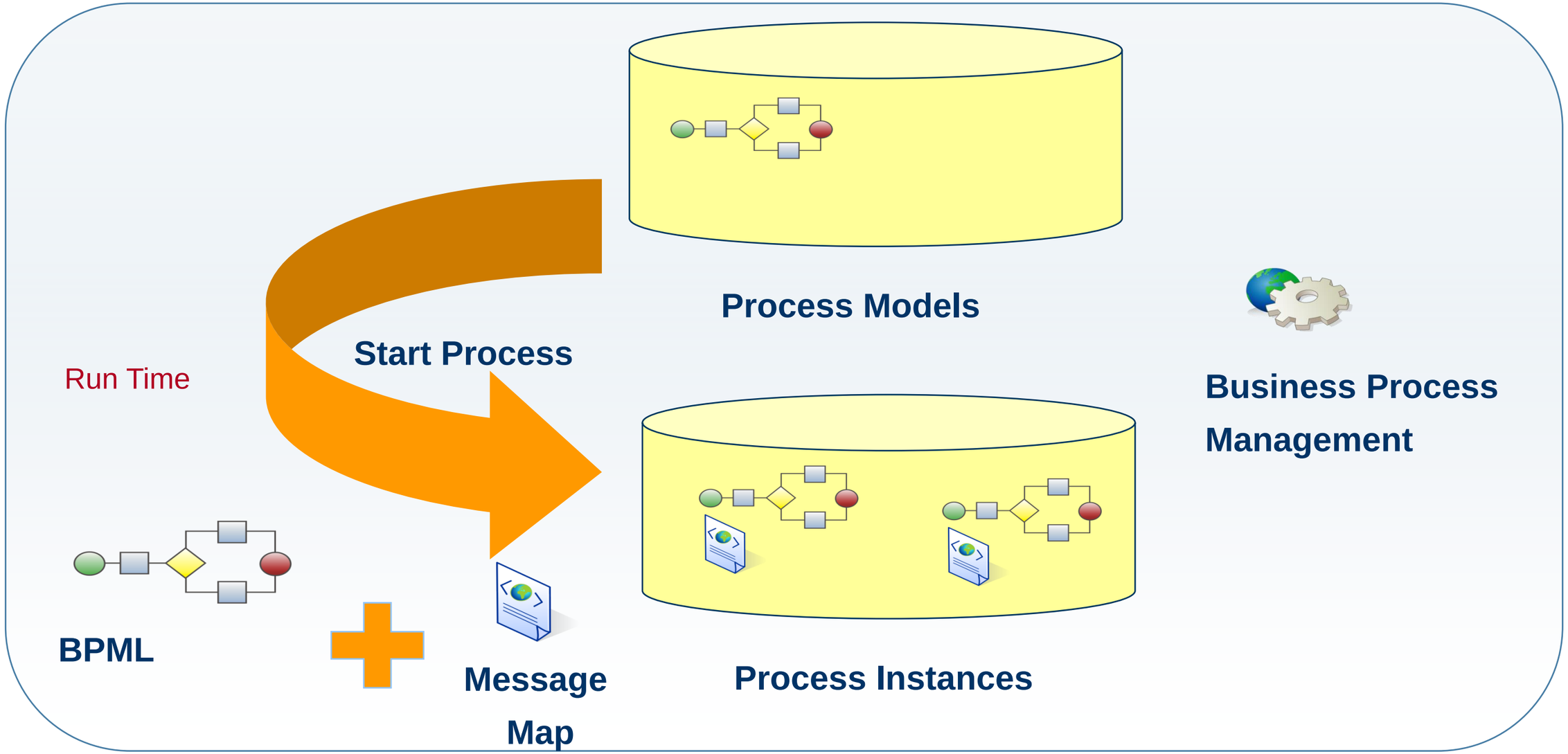
CWS: Related Content is Published as well

CORDYS



Execute Process

CORDYS



Validating, Publishing and Running

CORDYS

- Validation
  - You can validate your process to check for errors, warnings and information
- Running a BPM
  - A BPM needs to be Published in order to run, test and debug it
- From within CWS you can
  - Run a process
  - Debug a process
  - Run interactively
  - View related process instances

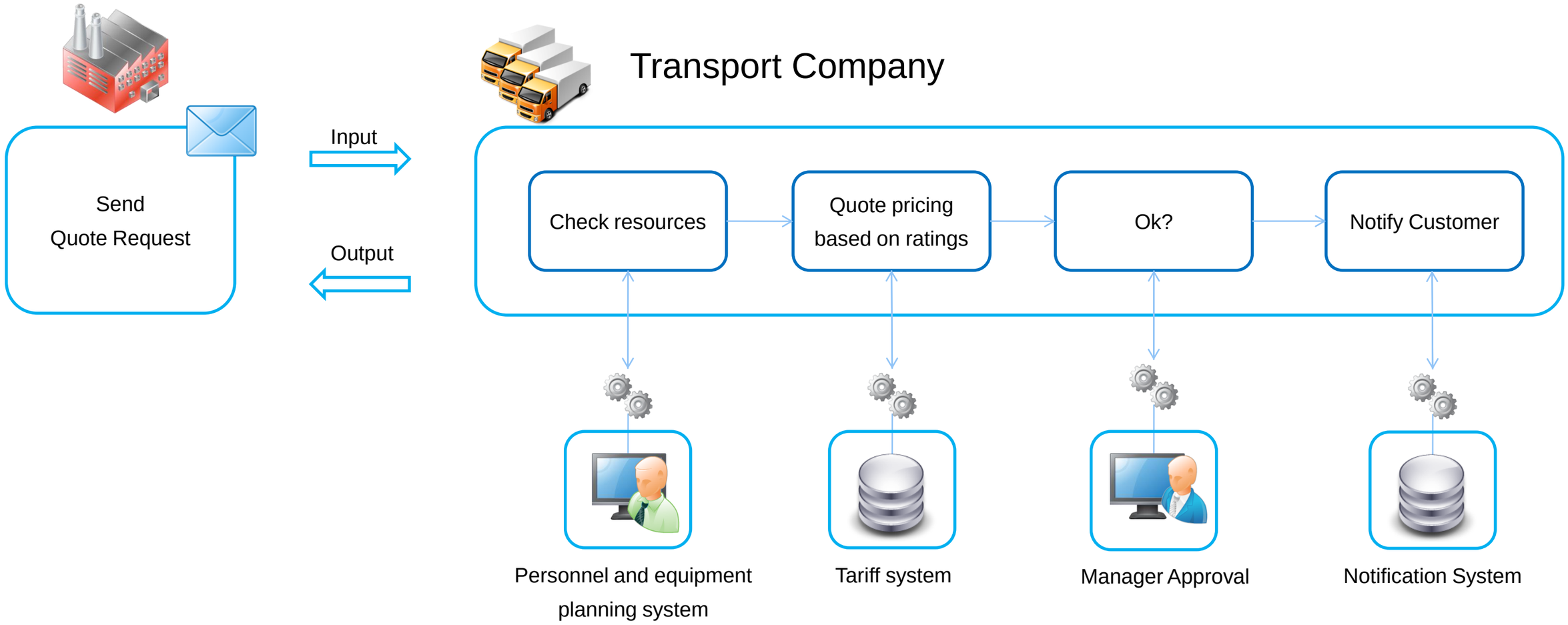
Agenda

CORDYS

- Making Processes Executable
- Data Flow Management
- Executing Processes
- Business Process Types

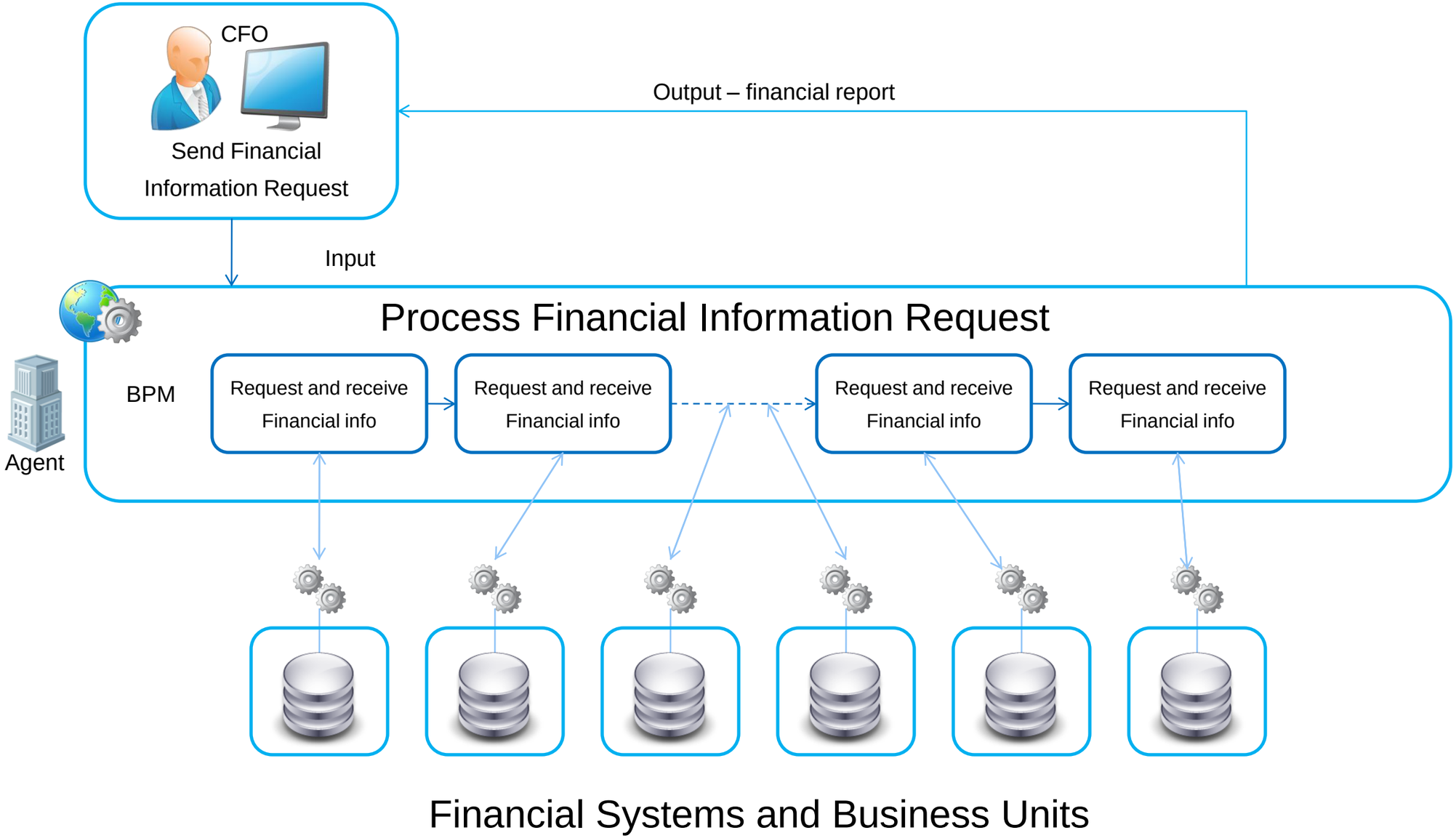
Business Process Example

CORDYS



Incorporation of existing and new systems

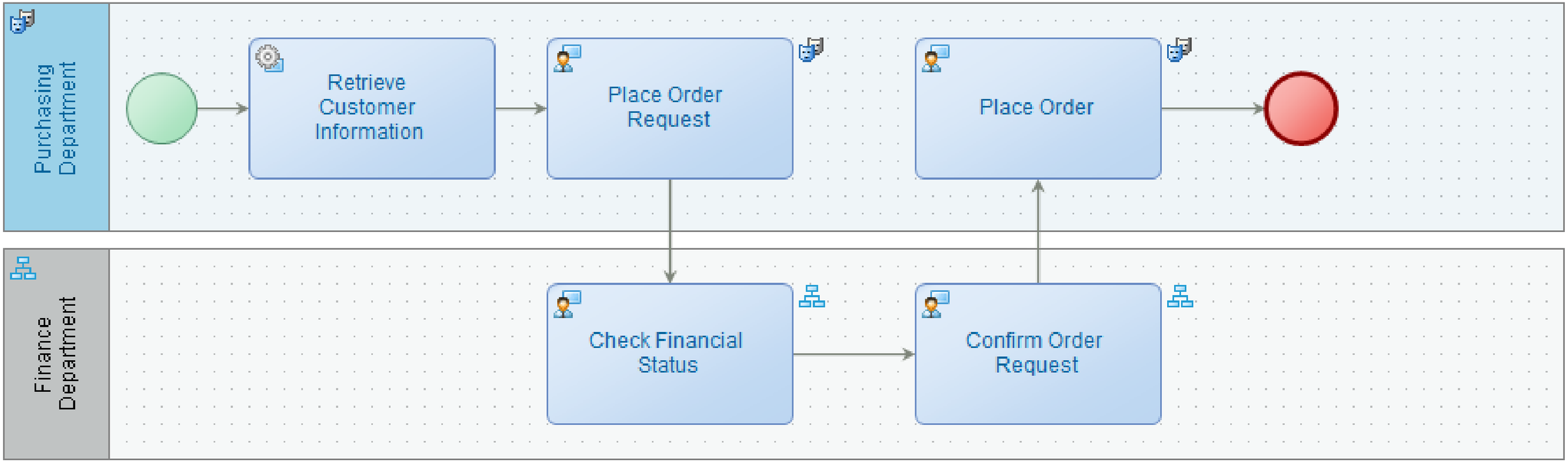
CORDYS



Page Flow Process

CORDYS

- Automated task handling
- Wizard-like way of completing tasks
- Grouped activities



Thank You

Questions?