YAWL in the Cloud

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http://www.win.tue.nl/coselog/
Traditional situation

IS1

 Processes Organization 1

E1
M1

IS2

 Processes Organization 2

E2
M2

ISn

 Processes Organization n

En
Mn

IS = Information System
E = Event log
M = Models
To-be situation

IS-SaaS = Information System (SaaS-based BPMS)
E = Event log
CM = Configurable Models
C = Configuration
Requirements

• No changes to YAWL

• No difference for the end-user

• Component to control/observe YAWL in the cloud
YAWL in the cloud

- No changes to YAWL
- No difference for the end-user
Implementation

Router In 1
Router Out 1

R: Get All Running Cases Per Tenant
Implementation

- No changes to YAWL
- No difference for the end-user
- Management component

R: Get All Running Cases
Management Component

YAWL in the Cloud - Management

YAWL Dashboard

Auto-refreshing every 10 seconds.

Software view
Switch to functional view

Functional view
Switch to software view
Limitations and Future Work

• Only interfaces A and B
• Semi automated
• Other components
• Configurable YAWL