

# Aspect-Oriented Service Composition

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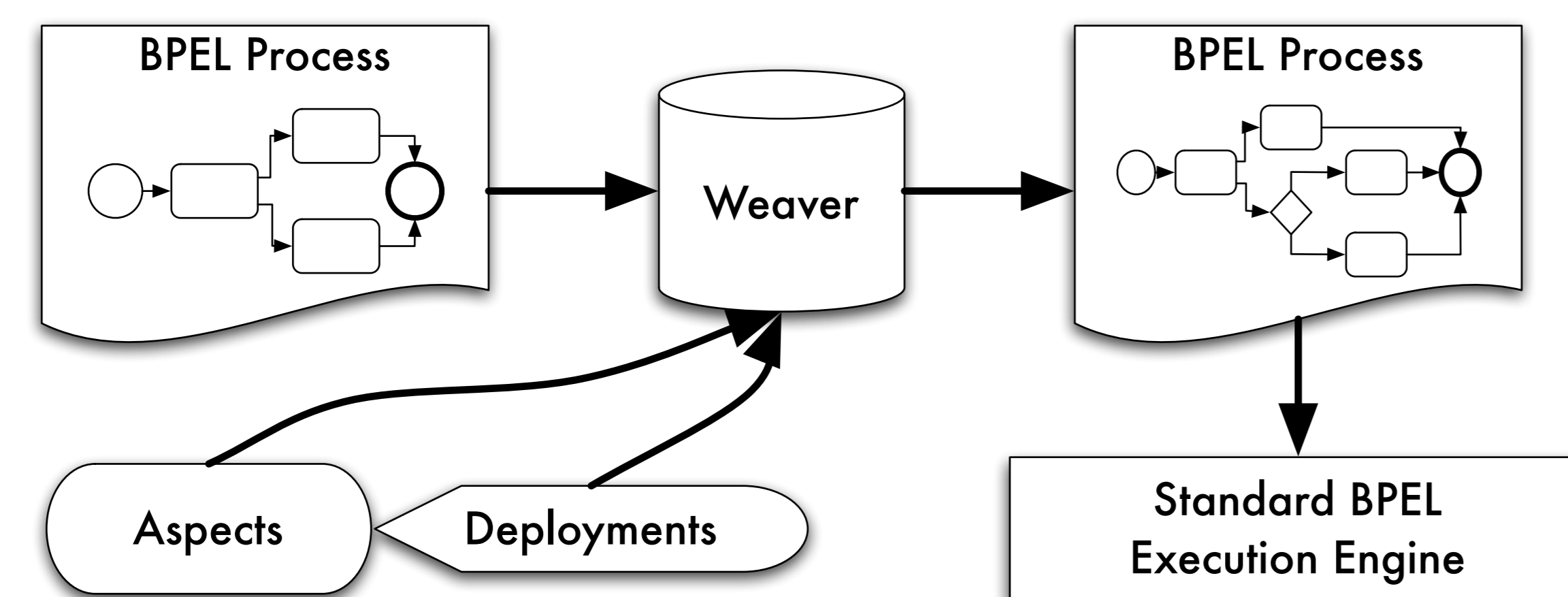
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## WS-BPEL

Standard for defining service composition

Poor Separation of Concerns

**Goal:** Language for expressing crosscutting concerns in workflows



Process Transformation:  
Executable on standard engine

## Language definition

### Pointcut language

Based on logic programming

Selects joinpoints based on properties

### Joinpoint model

Joinpoints are activities in processes

Exposes properties

Structural vs. behavioral joinpoints

### Advice model

BPEL code

After, Before, Around, In

### Deployment

Combination strategies

Precedence specification



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