

Workflow Management Systems Benchmarking: Unfulfilled Expectations and Lessons Learned

Vincenzo Ferme, Jörg Lenhard, Simon Harrer, Matthias Geiger, Cesare Pautasso

WfMSs

| A1. Usability: Correctness Checking during Deployment | Activiti | Camunda | jBPM |
|--|----------|---------|------|
| | ~ | ~ | ~ |
| ODE | B-g,O,P | oESB | |
| | ~ | ~ | — |
| A2. Usability: Sensible Default Configuration | Activiti | Camunda | jBPM |
| | ~ | + | ~ |
| ODE | B-g,O,P | oESB | |
| N/A | N/A | N/A | |
| A3. Usability: Availability of Management APIs | Activiti | Camunda | jBPM |
| | + | + | ~ |
| ODE | B-g,O,P | oESB | |
| | + | + | — |
| B. Reliability: Isolation of Instance Execution | Activiti | Camunda | jBPM |
| | N/A | N/A | N/A |
| ODE | B-g,O,P | oESB | |
| | — | + | + |
| C. Portability: Standard-based Portability | Activiti | Camunda | jBPM |
| | ~ | ~ | ~ |
| ODE | B-g,O,P | oESB | |
| | ~ | ~ | ~ |

BPMN - Activiti, Camunda, jBPM // WS-BPEL - ODE: Apache ODE, B-g,O,P: bpel-g, Orchestra, Petals ESB, oESB: OpenESB