



## FACTSHEET 4

### MODELING

- Graphical user interface for modeling and implementation of workflow/web applications based on the Eclipse platform
- 3 main perspectives: process editor, visual editor, simulation engine
- Library concept for reuse across projects
- Implemented version control system supports multi-developer environments
- Swim lanes
- Standard process elements in BPMN notation
- Subprocesses/components for hierarchical structuring
- Start request/end page/end task
- Start event (external events)
- Intermediate element (external event)
- RIA dialog element
- HTML dialog page
- Database dialog/database step
- Task switch

### DOCUMENTATION

- PI (program interface)
- Process call
- Web Service element
- E-mail element
- Action steps
- Alternatives (XOR gateway)
- Split/join (gateway)
- Comments

### DOCUMENTATION

- Element captions/descriptions/means/documents/references
- Connection captions/descriptions
- PDF, RTF (Word) and HTML report (printable)
- HTML online report with tree navigation
- JPEG picture export of process model

### SIMULATION/PROTOTYPING

- Process model simulation
- Local prototyping of complete application
- Powerful model checker
- Powerful search engine
- Simulation with breakpoints

### IMPLEMENTATION AND EXECUTION

- Implementation of process applications without coding (generation from models)
- Integrated content management system
- Multilingual support
- Reusability of content
- Changeable layout (templates/CSS)
- Page navigation
- Time-dependent publishing
- Conditional content
- Smart tables
- Smart charts

### SYSTEM INTEGRATION

- Java API to extend and integrate the workflow engine
- Web service processes

### CALLABLE PROCESSES

- Call element to call (or include) such processes
- Special start/end elements to define such processes (particularly for reusable processes)

### WEB SERVICES

- Call element to call web services within a workflow
- Wizard for simple configuration
- Web service start/end elements to setup own web services
- Easy coupling of web service and workflow
- Every process may be invoked as web service



## JAVA PROGRAM INTERFACE

- Java interface to external programs

## LDAP INTERFACE

- LDAP integration (synchronization of roles and users with Active Directory server and others)

## USER INTEGRATION

- Assignment of tasks to roles and users
- Task list for every user
- Definition of task priority
- Expiry time for tasks with escalation to exception role, e-mail or escalation process
- Park task for later resumption; overview of all tasks of a case, display of task's process data...
- Blocking period; the task can be blocked for a defined period
- Online workflow admin tool, e.g. to define workflow users with respective roles
- Workflow user authentication and authorization via NDS (Novell Directory Service) or ADS (Microsoft Active Directory Service)
- Support of multiple process versions
- Integrated calendar for holidays

- E-mail notification for new tasks
- Substitution function

## MONITORING

- Graphical real-time Business Activity Monitoring (BAM)
- Graphical Business Analysis Report (BAR)

## MODEL IMPORT

- XPDL
- Aeneis
- Visio XML
- Adonis
- Viflow
- Income
- Others in preparation

## LANGUAGES

- Process applications: no limit
- Design environment: English/German/French

## SYSTEM REQUIREMENTS

### Xpert.ivy Designer

Windows XP, Windows 2000, Windows Vista, Windows NT 4.0  
Recommended: 2.0 GHz z dual-core processor, 2 GB RAM, 1 GB HDD

### Xpert.ivy Server

Windows Server 2000 / 2003 / 2008, Linux (SUSE 9.2 or above) all in 32 and 64 bit versions  
Recommended: 2.5 GHz z dual-core or quad-core processor, 2 GB RAM, 10 GB HDD  
DB: MySQL from 5.1, MS SQL Server from 2000, Oracle from 10g

### Client

- For RIA: JRE 1.5 or 1.6
- Without RIA – any current web browser

### Editions

- Standard edition
- Enterprise edition (cluster version)

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