

Progress OpenEdge BPM Presentation Types

Abhinav Agarwal
October 7, 2013

Agenda

- OpenEdge Business Process Management
- OpenEdge BPM 11.3
- Presentation Types – Use Cases
- Presentation Types
- Demo

Progress OpenEdge Customers Face the Same Challenges as other Business Application Developers

Companies business processes change rapidly
Difficult to keep up with changes to application requirements

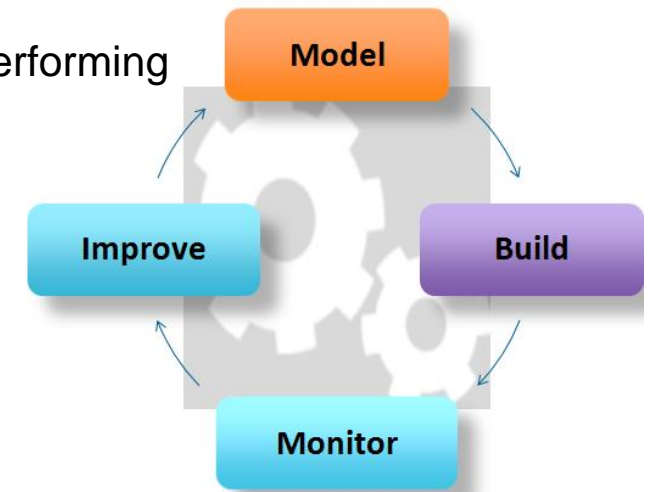
Business processes are difficult to change
Processes should be explicit – not buried within an application or handled thru “tribal knowledge”

Every company’s processes are unique to that business
Processes should be configurable

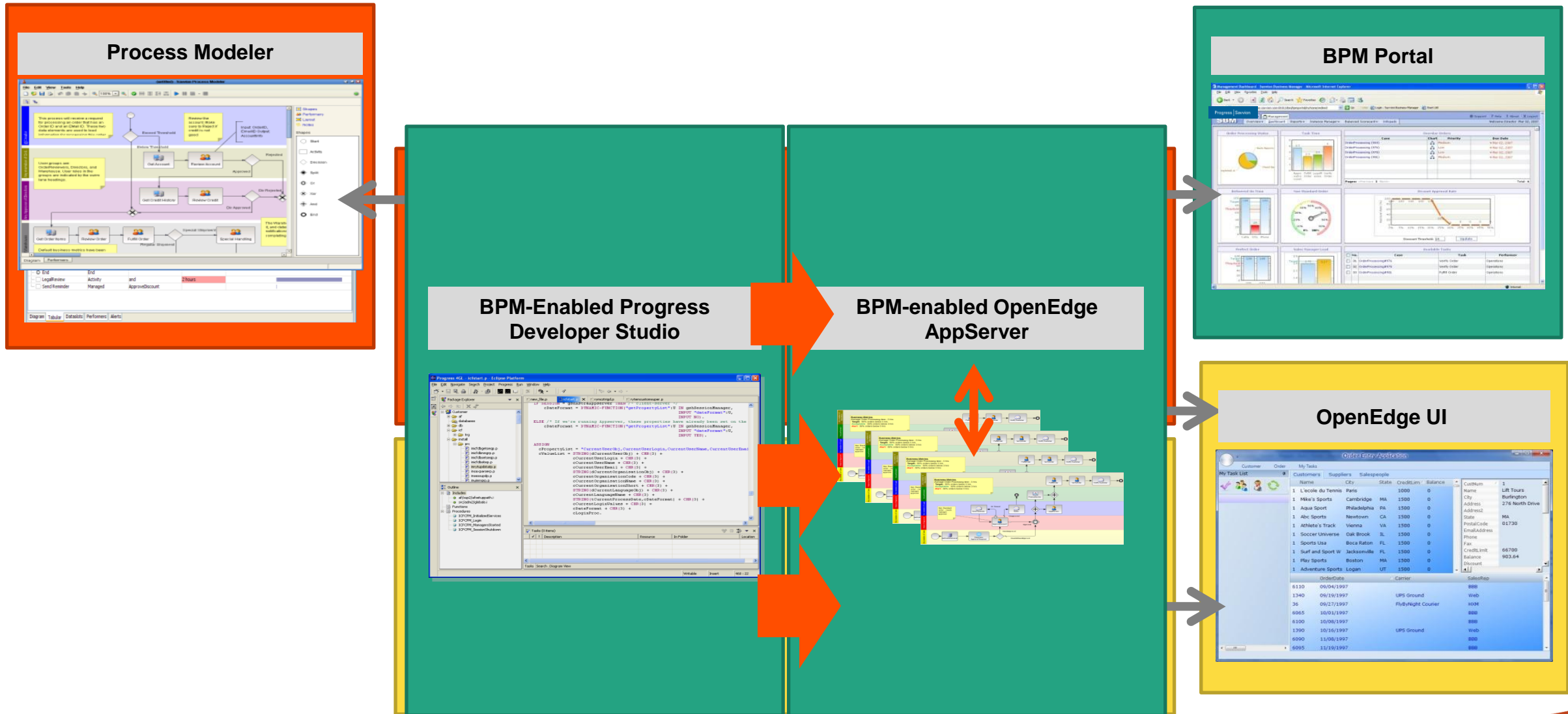
Difficult to get visibility into business processes
Businesses need insight and control over business processes

Progress OpenEdge BPM

- What is it?
 - Extends OpenEdge to a comprehensive platform that simplifies the development and deployment of applications that are both transaction-oriented and process-centric
 - Purposed for OpenEdge use cases
- What are the additional benefits?
 - Workflow automation
 - Allows your customers to automate the workflows that driver their business
 - Transform applications from transaction-oriented to process-oriented
 - Visibility
 - Allows your customers to get visibility into how well their processes are performing
 - Model driven development
 - Quickly-generate key parts of your application
 - Customization without code changes
 - Leverages your existing application
 - Model-driven integration
 - Easily integrate external systems, e.g. e-mail, Web services



Key Components of OpenEdge BPM



What's New in OpenEdge BPM 11.3

- Simplified out of the box experience with integrated packaging, installation and configuration
- Native support for OpenEdge ABL Datatypes
- ProDataSet and Temp-Table support
- Unified security model
 - Single Point Authentication (SPA)
 - Single Sign On (SSO)
- Mobile device support with extended presentation types
- Additional ABL API support for Presentation Types
- Monitoring process support
- Graphical Editing Language (GEL)

Why Presentation Types?

- Human interaction during process execution – work steps
 - Filling a form
 - Approving an application
- Before presentation types:
 - Can only be done through BPM portal – less accessibility
 - Limited integration with OE Apps
 - No support for other UI technologies

Traditional UI – BPM Portal

PROGRESS® OPENEDGE BUSINESS PROCESS PORTAL

Home Management Administration

My Tasks My Collaborations My Instances My Alerts Applications Dashboard Profile Preferences Favorites

Home > My Tasks > Task Details

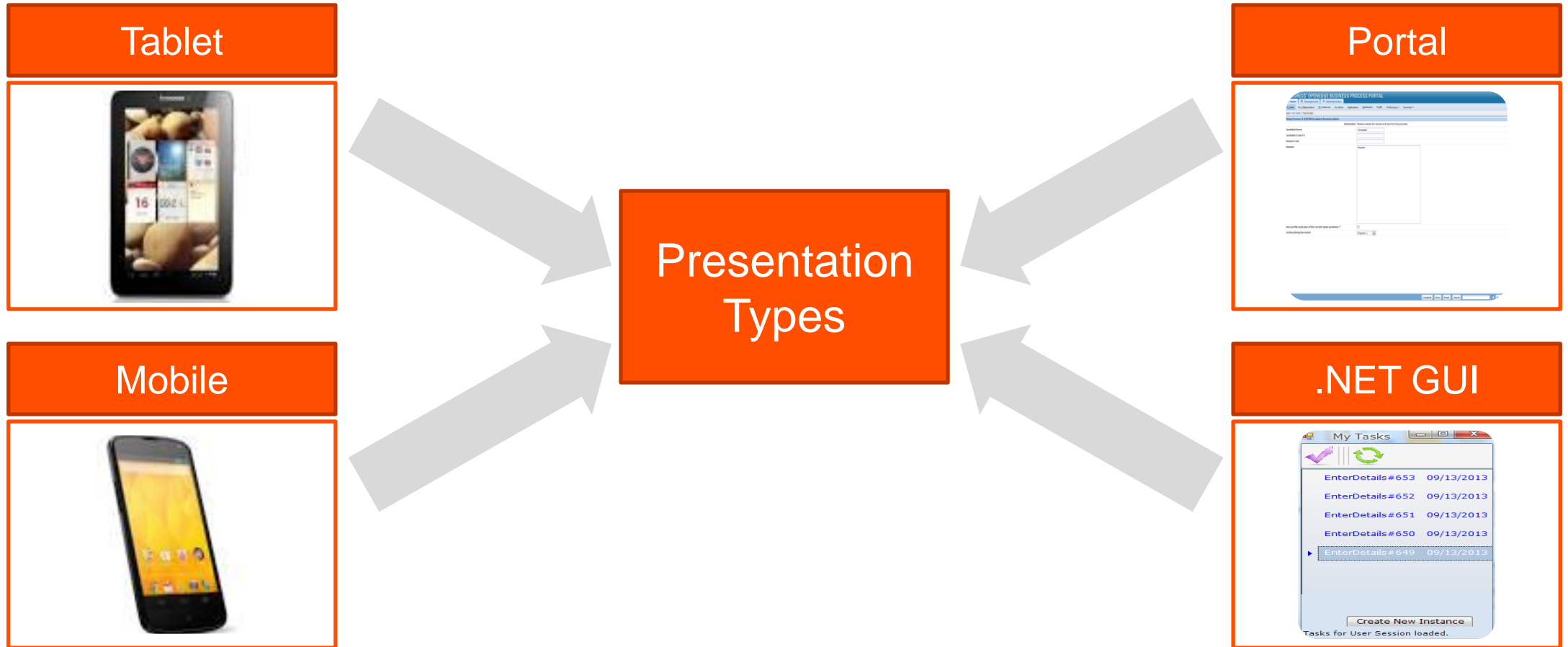
Hiring Process (1.0)#589::Evaluate Resume::admin

Instruction	Please evaluate the resume and start the hiring process.
Candidate Name	<input type="text" value="Candidate"/>
Candidate Email ID	<input type="text"/>
Resume Link	<input type="text"/>
Resume	<div style="border: 1px solid #ccc; height: 200px; width: 100%;"></div>
Does profile suits any of the current open positions ?	<input type="checkbox"/>
Position Being Recruited	<input type="text" value="Engineer 1"/>

Complete Save Reset Cancel Reassign

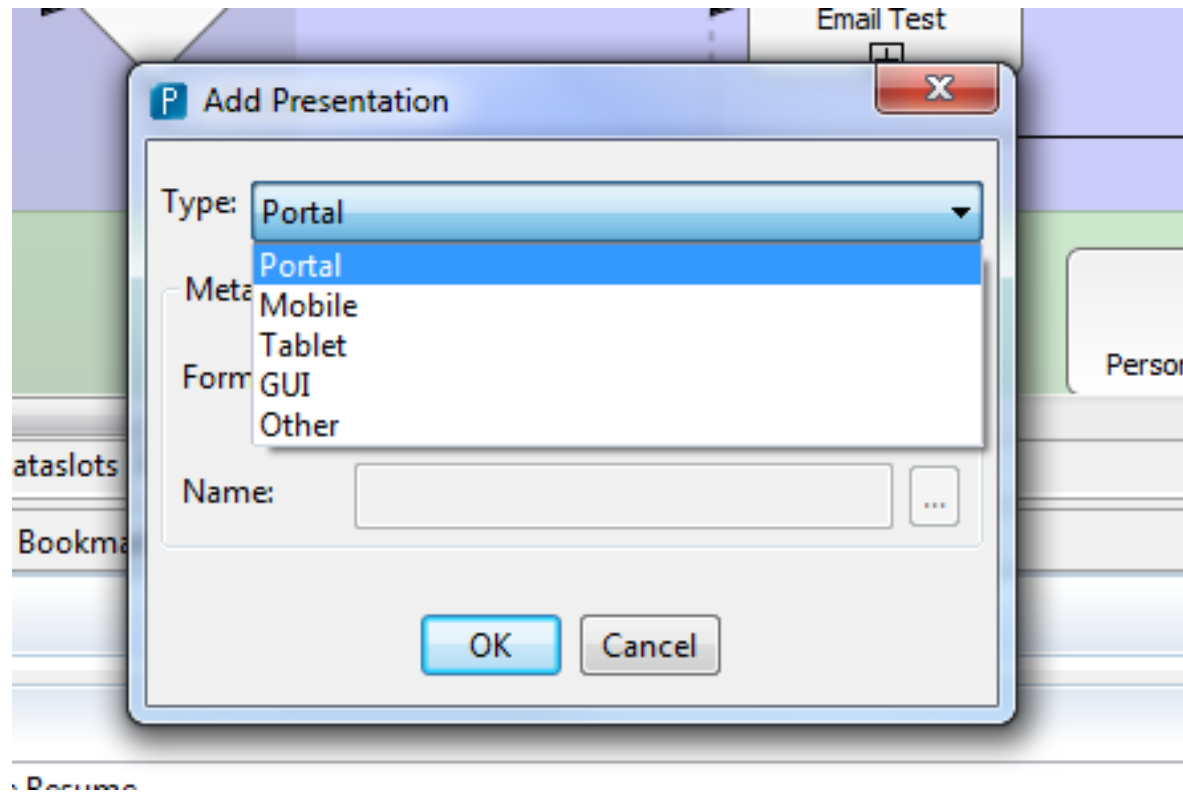
Presentation Types

Allows to complete human task through other UI's (other than portal)



Presentation Types



- Have multiple UI's to complete human work steps
- Each presentation type has its own metadata
- ABL API / web service API to get presentation type information



Presentation Type – Metadata

- Mobile – URL
- Tablet – URL
- GUI – Name of the program

▼ Presentation

	Type	Metadata	
	Portal	Form (Activity1.jsp)	Add...
	Mobile	http://localhost:8080/mobile/activ...	Modify...
			Remove

Presentation Types – Admin UI on Portal

- View/manage task belonging to all UI's

The screenshot displays the 'PROGRESS® OPENEDGE BUSINESS PROCESS PORTAL' Admin UI. The top navigation bar includes 'Home', 'Management', and 'Administration'. Below this, there are tabs for 'My Tasks', 'My Collaborations', 'My Instances', 'My Alerts', 'Applications', 'Dashboard', 'Profile', 'Preferences', and 'Favorites'. The main content area is titled 'Search Tasks' and contains several filter fields: 'Application' (set to 'All'), 'Version' (set to 'All'), 'Workstep' (set to 'Select One'), 'Start Date' (Range Field), 'Due Date' (Range Field), 'Priority' (set to 'All'), 'Status' (set to 'Assigned'), 'Performer' (set to 'User'), and 'Presentation' (set to 'Portal, Mobile, Tablet, GU'). The 'Presentation' field is highlighted with a red box. Below the filters, there are buttons for 'No Filter', 'Search', 'Next Available Task', and 'Reset'. The 'Tasks' section below shows a table with the following data:

No.	Application	Instance	Task	Creator	Priority	Assigned Date	Due Date
1	ScheduleInterview	ScheduleInterview (590)	Activity 1#928	admin	Medium	Aug 12, 2013 05:58 PM	Aug 12, 2013 07:58 PM
2	Hiring Process	Hiring Process (1.0) (589)	Evaluate Resume#927	admin	Medium	Aug 12, 2013 03:03 PM	Aug 13, 2013 03:03 PM

At the bottom of the page, there is a footer with the text '12 PROGRESS © 2013 Progress Software Corporation. All rights reserved.'

Presentation Types – ABL API Support

- Progress.BPM.Task class
 - Get presentation types for a work step
 - GetAvailablePresentationTypes()
 - Get UI for a presentation type
 - GetPresentationUI() method





PROGRESS