

BUILDING BUSINESS PROCESSES IN SHAREPOINT

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Agenda

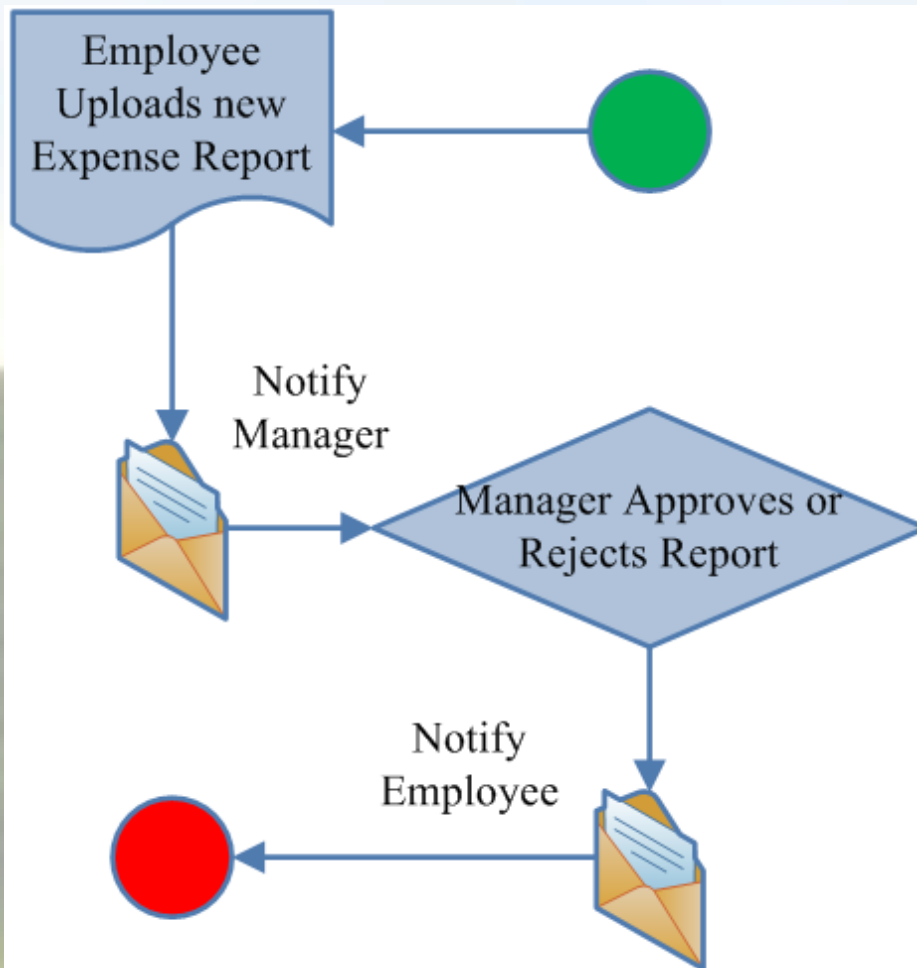
- Out of the box workflows
- Types of Workflows
- Tools used in building workflows
- New workflow features in SP 2010
- SharePoint Designer workflow example
- Visual Studio workflow example

Out of box workflows

- Three State Workflow
- Approval Workflow
- Collect Feedback Workflow
- Collect Signatures Workflow
- Disposition Approval Workflow
- Translation Management Workflow

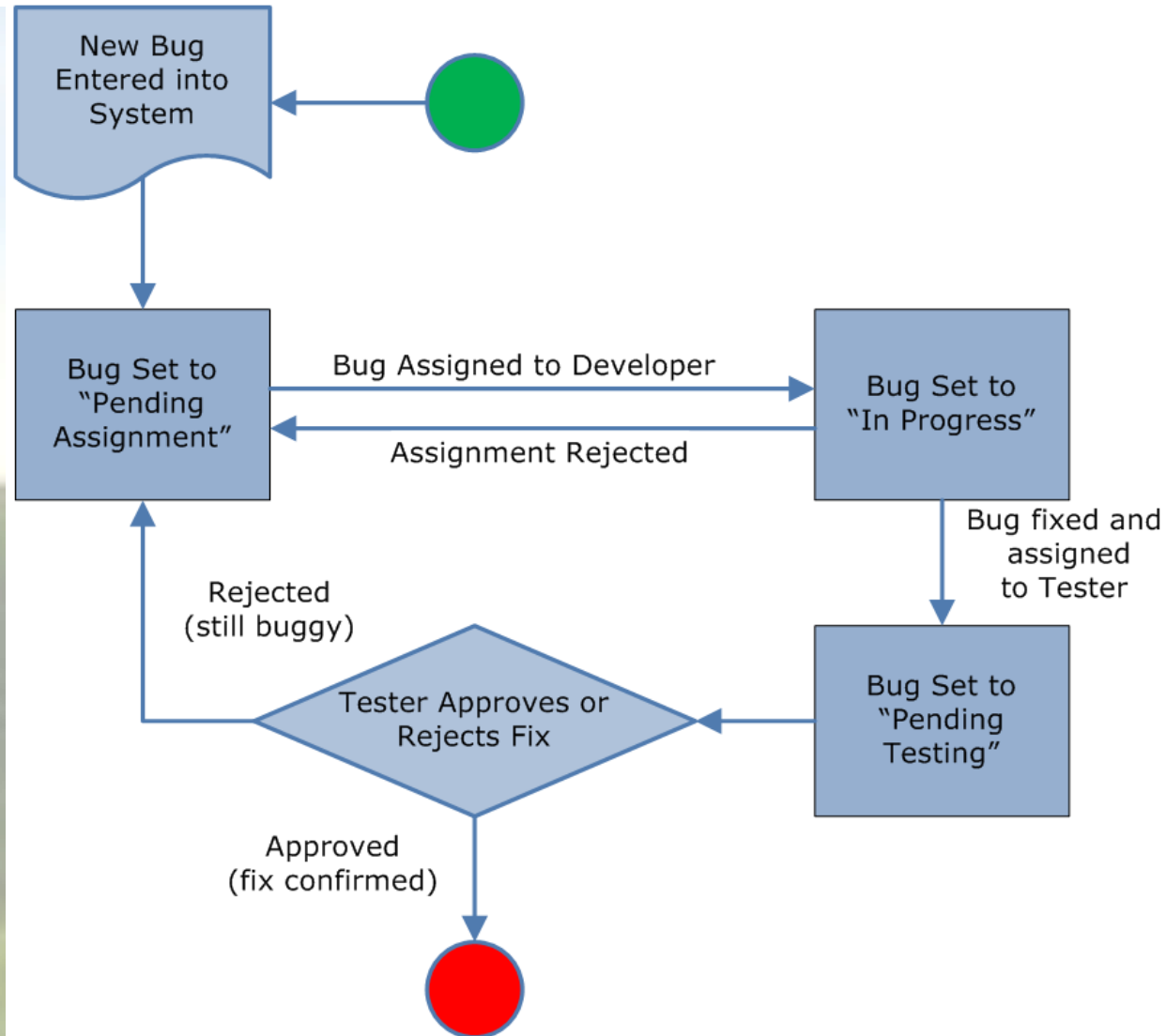
Types of Workflows

□ Sequential vs. State Machine



Types of Workflows

□ State Machine:



Tools used in Building Custom Workflows

SharePoint Happenings

- SharePoint Designer
- Office Visio 2010
- Visual Studio
- Forms
 - Out of the box forms
 - ASP.NET
 - InfoPath
- Workflow Object Model

What's new with 2010?

- ❑ Office Visio 2010 SharePoint Workflows
- ❑ Customizing the out of box workflows
- ❑ New actions and conditions in SPD
- ❑ Reusable Workflows in SPD
- ❑ Site Workflows
- ❑ Task Process customizations
- ❑ Workflow Statuses with Visio Graphics Services
- ❑ Importing a SPD WF into Visual Studio

Methods Comparison

SharePoint Designer

- Strengths:
 - Workflow automatically deployed to target
 - Custom Forms automatically generated and deployed
- Weaknesses:
 - Code free editor
 - Sequential workflows only
 - Predefined activities only
 - NO DEBUGING
 - Bound to a specific list at design time

Visual Studio

- Strengths:
 - Full development experience
 - Supports both sequential and state-machine
 - Supports custom activities
 - Typical Visual Studio debugging techniques
 - Can be used across any number of lists any number of times
- Weaknesses:
 - Deployment Overhead
 - Custom Forms Overhead

DEMO 1: SPD Workflow

Build a custom SharePoint Designer workflow.

DEMO 2: VS Workflow

Build a custom Visual Studio sequential workflow.

BUSINESS PROCESSES IN SHAREPOINT: QUESTIONS & COMMENTS

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