

What Next?

SHAREPOINT SATURDAY
OTTAWA

Thank you to all of our Sponsors!!



O'REILLY®

WILEY



Remember to fill out your evaluation forms to win some great prizes!

&

Join us for SharePint today!

Date & Time: Immediately after prizes
Location: Observatory Student Pub
Address: On Algonquin Campus
Parking: No need to move your car!*

Site: <http://www.algonquinsa.com/ob.aspx>

Session Agenda

- Overview
- Requirements for "*Forms*"
- Microsoft-provided "*Forms*" Alternatives
- Third-party "*Forms*" Alternatives
- Demo's
- Discussion, Q&A

Overview





**KEEP
CALM
AND
CARRY
ON**

April 2023... 'The Future'

- SharePoint Server 2013 - On-Premise
 - **Fully supported until April 2023**
- Office 365: SharePoint Online – “Cloud”
 - ***“InfoPath Forms Services in Office 365 will be supported until further notice ...”***
- Source:
 - <http://blogs.office.com/2014/01/31/update-on-infopath-and-sharepoint-forms/>

9 Years... in "IT-time" ...

- *"Smart Phones"*

- ... June 2007 ... 7 years

- *"Tablets"*

- ... April 2010 ... 4 years

- *"SharePoint"*

- ... is only 13 years old anyways ...

- ... 9 years ago would mean ... SPS 2003 ...

Historical Perspective...

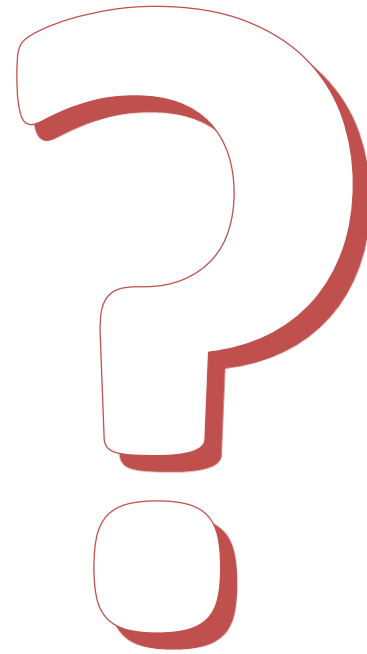
Microsoft
SharePoint
Portal Server 2001



Microsoft
Exchange 2000
Enterprise Server



Historical Perspective...



Microsoft Development Environment - Process1.wfd [design]

File Edit View Project Format Tools Window Help



Toolbox

Workflow

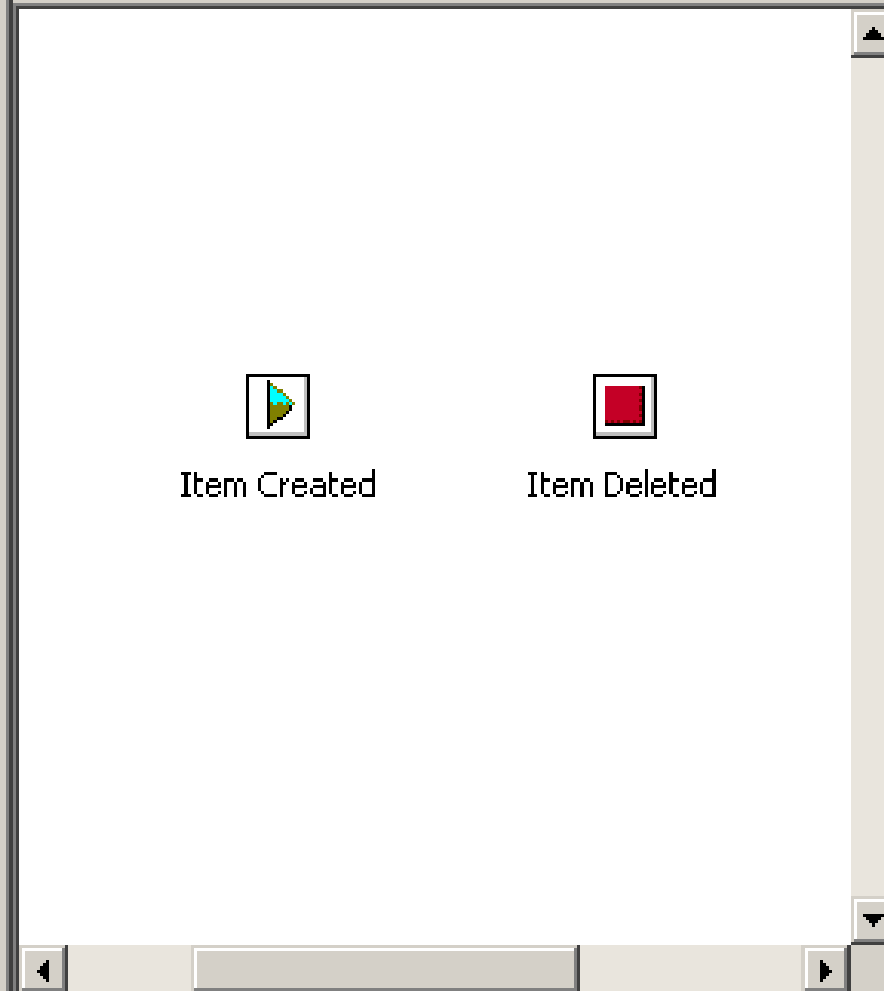
- Pointer
- Transition
- Transition Within
- State
- Comment
- End

Clipboard Ring

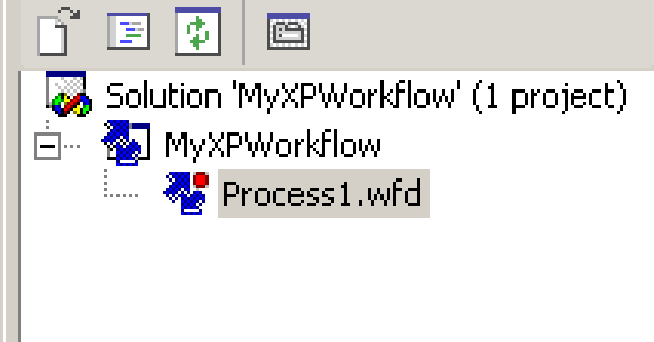
General

Ready

Process1.wfd [design]



Solution Explorer - MyXPWorkflow



Properties

State Diagram StateDiagram

GridHeight	8
GridWidth	8
SnapToGrid	True

GridWidth

Properties Dynamic Help

Microsoft Workflow Designer for Exchange 2000 Server - [MyWorkflow - [MyProcess]]

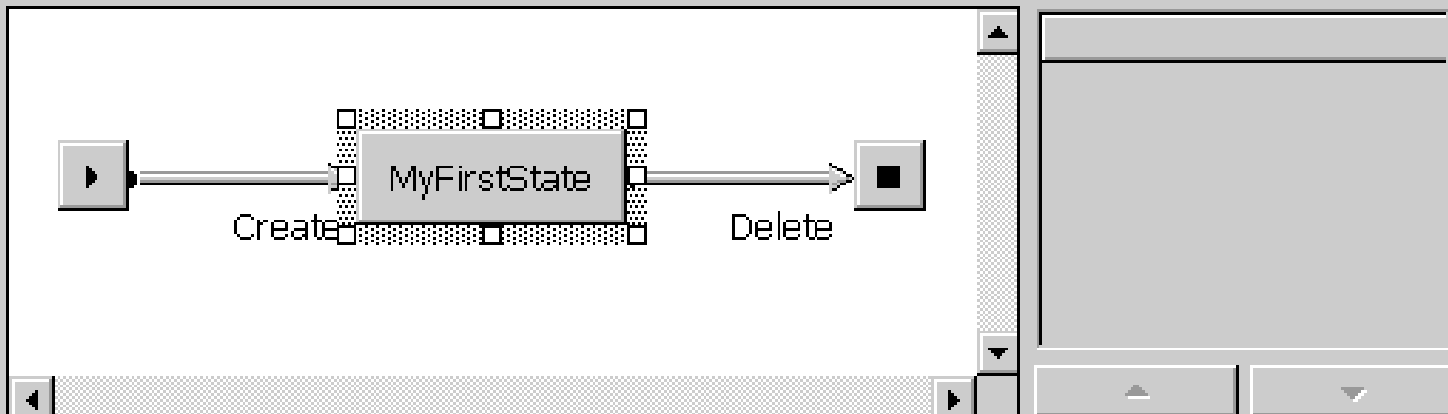
File Edit View Diagram Help



Process List



General Design Shared Script Permissions



Condition Expression:

Verify Condition

State Expires in

Days

Hours

Minutes

Action Script Procedure:

Verify Action

Advanced...

Historical Perspective...



Historical Perspective...



Historical Perspective...

- Captaris...
 - [OpenText Workflow Server...](#)
- Metastorm...
 - [OpenText MBPM...](#)
- Ascentn...
 - [AgilePoint...](#)
- K2.net...
- WorkflowGen...
- ...

Requirements for "*Forms*"

Requirements for "*Forms*"

- "*Easy-to-use*" Form Designer...
 - SharePoint Property Promotion...
 - Multiple Data Sources and/or Destinations...
 - Data Aggregation...
 - Master-Child Data Relationships...
 - Repeating Data Sections...
 - Layout Templates...
 - Views...
 - Web "*Fillable*" ...
 - ... across modern & popular browser applications...
 - ... without the use of browser or operating system specific plug-ins or "*Apps*"...
 - Cross-platform "*filler*", online/offline, "*Apps*" for various operating system platforms...
 - i.e. Windows ~~XP~~, 7, 8.x, Windows Phone 8.x, Android, MacOS, iOS, Linux ...
- Online / Offline...
 - File Attachments...
 - Digital Signatures...
 - Email...
 - Versioning...
 - Merging...
 - Export / Conversion...
 - Calculated Values...
 - Logic / Rules Engine...
 - Programmability...

Microsoft-provided "*Forms*" Alternatives

SharePoint "*List Forms*"

- Pro's
 - Everyone has it....
- Con's
 - Master-Child Data Relationships....
 - Data Aggregation....
 - Logic / Rules Engine...
 - Office Web Applications...

SharePoint "*List Forms*" ... SharePoint Designer ...



- ... "*Used-to-have*" a fairly nice web WYSIWYG design interface ...
 - ... prior to 2013 ...



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Word "*Fillable Forms*"

- Pro's
 - Everyone has it....
- Con's
 - Master-Child Data Relationships....
 - Data Aggregation....
 - Logic / Rules Engine...
 - Office Web Applications...

Excel "*Fillable Forms*"

- Pro's
 - Everyone has it....
- Con's
 - Lists vs Libraries...
 - Programmability...

Excel Surveys

- Pro's
 - Everyone has it ...
- Con's
 - Only available in....
 - Office 365 : SharePoint Online
 - OneDrive for Business

Access

- Pro's
 - Strong form designer... **“The one to watch”** ...
 - ...*“insider super-secret info”* ...
- Con's
 - “Your” IT Department will inherently ***DESPISE*** (and therefore **DENY**) Microsoft Access to everyone (including your “*Information Worker*” BA / ITPro people) thanks to historical issues ...
 - Styling...
 - Programmability...

Portable Document Format

(.PDF) *"Fillable Forms"*

- Pro's
 - Filler software freely available – and possibly built-in for every major operating system platform... (i.e. Windows 8/8.1, iOS, etc.)
- Con's
 - Design tools;
 - [Adobe Acrobat XI Professional](#)
 - [Libre/OpenOffice](#) (***hint*** find a "*PortableApp*" version)
 - ~~Microsoft Word~~
 - SharePoint "*Property Promotion*" will require either third-party or custom-built solutions....
 - [PDF Share Forms](#)
 - <http://www.pdfshareforms.com/>

Open XML Paper Specification (.OPXS, .XPS)

- Pro's
 - Open standard, supported on Windows platforms... (for now?...)
- Con's
 - Does not currently have a fillable forms component...
 - May be possible via embedding XML/HTML within generated OPXS files...

[ECMA 388](#)

http://en.wikipedia.org/wiki/Open_XML_Paper_Specification

HTML5 / CSS3 / JavaScript

- Pro's
 - Limited only by your “*imagination*”
 - ... ***cough*** and your chosen client web browser(s) capabilities...
 - ... ***hack, cough, hack*** and your HTML(5) / CSS(3) / JavaScript skills...
 - In *theory* it is possible to replicate “offline” InfoPath capabilities...
- Con's
 - Design tools....

"Project Siena"

- Pro's
 - Simple, fast – design-focused tooling to rapidly create data-connected *"Apps"* for Windows 8.1 ...
 - Design directly within a *"App"* ...
- Con's
 - *"Research"* & Beta ...
 - Programmability ...
 - Windows 8.1 *"Apps"* only...
 - Windows Phone 8.1 not included ☹ ...

<http://www.microsoft.com/en-us/projectsiena/>

Windows App Studio

- Pro's
 - Simple, fast – design-focused tooling to rapidly create data-connected “*Apps*” for Windows 8.1....
 - Windows Phone 8.1 “*Apps*” included!
- Con's
 - Windows 8.1 “*Apps*” only...
 - Requires Visual Studio...

<https://appstudio.windows.com/>

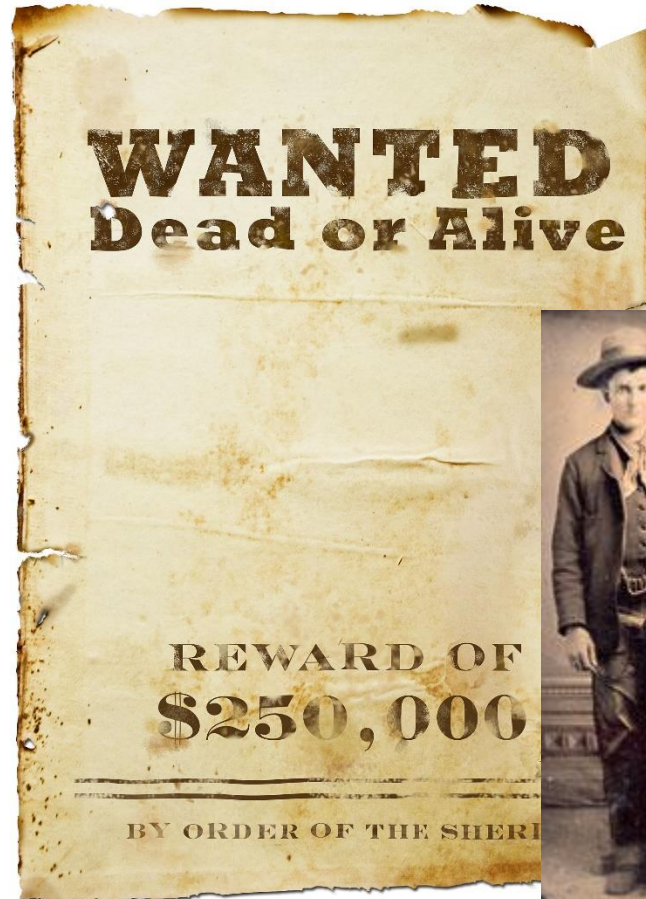
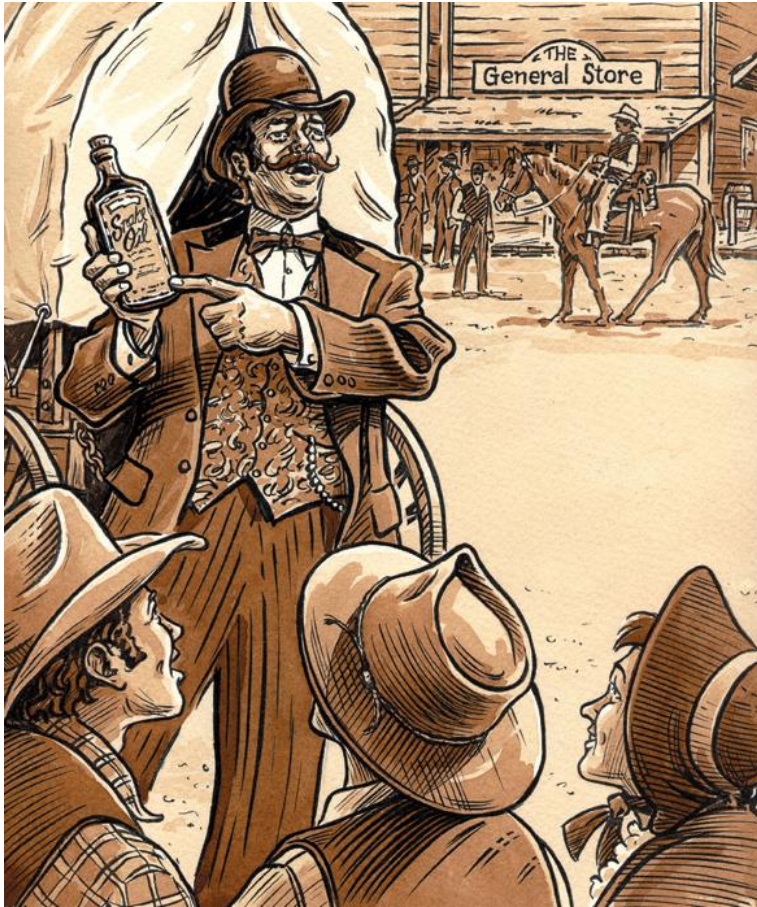
Visual Studio

- Pro's
 - [LightSwitch](#)
 - “Apps” for [Office](#), [SharePoint](#), [Windows](#)
- Con's
 - “*Name*” ... try convincing management (and “*Your*” IT department) to purchase licenses for your “*Information Worker*” personnel in the following job positions/titles/roles;
 - Business Analyst, Solution Designer, Power User, Site Owner, SharePoint Administrator, SharePoint Specialist
 - IT Pro's / Support / Office Specialists
 - Encourages “*programming*” ... ***shudder*** ...



Third-party "*Forms*" Alternatives

Third-Party



- [KWizCom](#)
- [Qdabra - FormsViewer](#)
- [Nintex Forms](#)
- [SPForm](#)
- [Forms7](#)
- [Emgage Turbo](#)
- [Claysys - AppForms](#)
- [Dell/Quest "Quick Apps"](#)
- [K2 SmartForms](#)
- [AgilePoint \(Workflow Forms\)](#)
- [Formotus Forms](#)

Demo

Resources

- *InfoPath*
 - Qdabra Software
 - [FormsQuo – eForms Resources](#)
- *HTML5*
 - [reFORMed](#)
 - [Formoid](#)
 - [WebFormGenerator](#)
 - [WUFOO](#)
 - [formsite](#)
 - [FormAssembly](#)

Discussion, Q&A

{Something to say?}