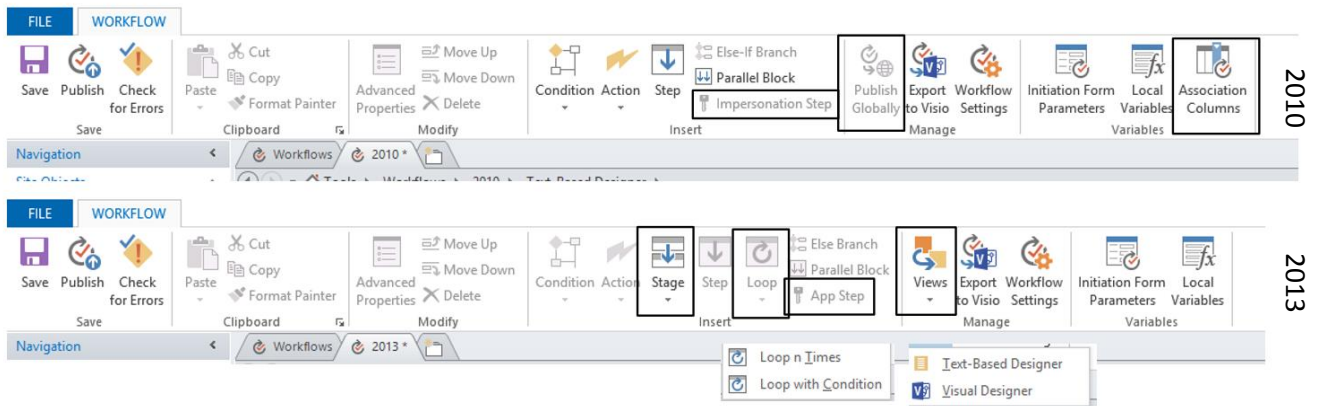


SharePoint Designer 2013 WorkFlows

I SharePoint 2013 kan SharePoint Designer 2013 anvendes til at oprette og vedligeholde WorkFlows i Lists (Lister), Librarys (Biblioteker), Content Types (Indholds typer) samt som Site WorkFlows (Webstedes arbejdsprocesser)

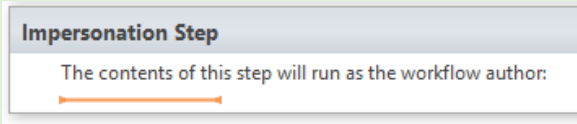
I SharePoint 2013 er både 2010 og 2013 WorkFlows tilgængelige (dog er 2013 WorkFlows afhængige af en installation af en WorkFlow Server), og der er også nogen forskel på hvad disse kan.

2010 WorkFlows VS 2013 WorkFlows



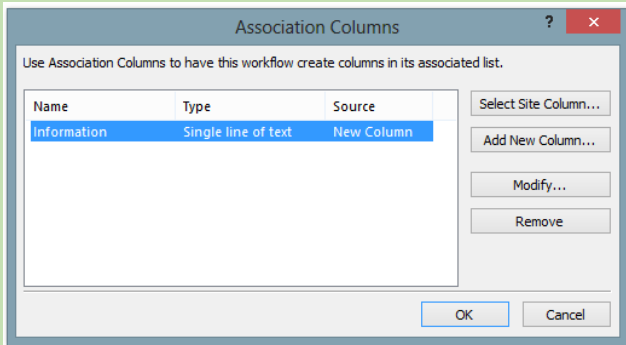
2010 WorkFlows	2013 WorkFlows
Opdeles i Steps	Opdeles i Stages, som så kan opdeles i Steps
Afsluttes med [Stop WorkFlow]	Afsluttes under [Transition to stage]
<div style="border: 1px solid black; padding: 5px; width: fit-content;"> Stop the workflow and log <u>No action</u> </div>	<div style="border: 1px solid black; padding: 5px; width: fit-content;"> Transition to stage Go to <u>End of Workflow</u> </div>
Loop ikke muligt	Kan gennemløbe Loop
	<div style="border: 1px solid gray; padding: 5px; margin-bottom: 5px;"> Loop: 1 The contents of this loop will run <u>1</u> times </div> <div style="border: 1px solid gray; padding: 5px;"> Loop: 2 The contents of this loop will run repeatedly while: <u>value equals value</u> </div>

Kan køre Impersonation Steps



Impersonation Steps ikke muligt

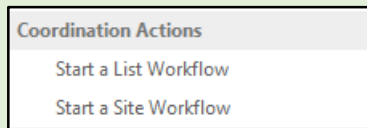
Kan oprette Accosiation columns



Accosiation columns ikke muligt

Starte andre WorkFlows ikke muligt

Starte andre WorkFlows



2010 Step	2010 Impersonation step	2013 Stage/Step
<p>Common Conditions</p> <ul style="list-style-type: none"> If any value equals value If current item field equals value 	<p>Common Conditions</p> <ul style="list-style-type: none"> If any value equals value If current item field equals value 	<p>Common Conditions</p> <ul style="list-style-type: none"> If any value equals value
<p>Other Conditions</p> <ul style="list-style-type: none"> Created by a specific person Created in a specific date span Modified by a specific person Modified in a specific date span Person is a valid SharePoint user The file size in a specific range kilobytes The file type is a specific type Title field contains keywords 	<p>Other Conditions</p> <ul style="list-style-type: none"> Check list item permission levels Check list item permissions Created by a specific person Created in a specific date span Modified by a specific person Modified in a specific date span Person is a valid SharePoint user The file size in a specific range kilobytes The file type is a specific type Title field contains keywords 	<p>Other Conditions</p> <ul style="list-style-type: none"> Created by a specific person Created in a specific date span Modified by a specific person Modified in a specific date span Person is a valid SharePoint user Title field contains keywords
[None]	[None]	<p>Coordination Actions</p> <ul style="list-style-type: none"> Start a List Workflow Start a Site Workflow
<p>Core Actions</p> <ul style="list-style-type: none"> Add a Comment Add Time to Date Do Calculation Log to History List Pause for Duration Pause until Date Send an Email Send Document to Repository Set Time Portion of Date/Time Field Set Workflow Status Set Workflow Variable Stop Workflow 	<p>Core Actions</p> <ul style="list-style-type: none"> Add a Comment Add Time to Date Do Calculation Log to History List Pause for Duration Pause until Date Send an Email Send Document to Repository Set Time Portion of Date/Time Field Set Workflow Status Set Workflow Variable Stop Workflow 	<p>Core Actions</p> <ul style="list-style-type: none"> Add a Comment Add Time to Date Build Dictionary Call HTTP Web Service Count Items in a Dictionary Do Calculation Get an Item from a Dictionary Log to History List Pause for Duration Pause until Date Send an Email Set Time Portion of Date/Time Field Set Workflow Status Set Workflow Variable

2010 Step	2010 Impersonation step	2013 Stage/Step
Document Set Actions Capture a version of the Document Set Send Document Set to Repository Set Content Approval Status for the Document Set Start Document Set Approval Process	Document Set Actions Capture a version of the Document Set Send Document Set to Repository Set Content Approval Status for the Document Set Start Document Set Approval Process	[None]
List Actions Check In Item Check Out Item Copy List Item Create List Item Declare Record Delete Drafts Delete Item Delete Previous Versions Discard Check Out Item Set Content Approval Status Set Field in Current Item Undeclare Record Update List Item Wait for Change in Document Check-Out Status Wait for Field Change in Current Item	List Actions Add List Item Permissions Check In Item Check Out Item Copy List Item Create List Item Declare Record Delete Drafts Delete Item Delete Previous Versions Discard Check Out Item Inherit List Item Parent Permissions Remove List Item Permissions Replace List Item Permissions Set Content Approval Status Set Field in Current Item Undeclare Record Update List Item Wait for Change in Document Check-Out Status Wait for Field Change in Current Item	List Actions Check In Item Check Out Item Copy Document Create List Item Delete Item Discard Check Out Item Set Field in Current Item Translate Document Update List Item Wait for Event in List Item Wait for Field Change in Current Item
Relational Actions Lookup Manager of a User	Relational Actions Lookup Manager of a User	[None]
Task Actions Assign a Form to a Group Assign a To-do Item Collect Data from a User Start Approval Process Start Custom Task Process Start Feedback Process Utility Actions Extract Substring from End of String Extract Substring from Index of String Extract Substring from Start of String Extract Substring of String from Index with Length Find Interval Between Dates	Task Actions Assign a Form to a Group Assign a To-do Item Collect Data from a User Start Approval Process Start Custom Task Process Start Feedback Process Utility Actions Extract Substring from End of String Extract Substring from Index of String Extract Substring from Start of String Extract Substring of String from Index with Length Find Interval Between Dates	Task Actions Assign a task Start a task process Utility Actions Extract Substring from End of String Extract Substring from Index of String Extract Substring from Start of String Extract Substring of String from Index with Length Find Interval Between Dates Find Substring in String Replace Substring in String Trim String

Generelle gode råd til SharePoint Designer 2013 WorkFlows.

Anvend ALDRIG Copy/Paste.

70% af tilfælde hvor Copy/Paste har været anvendt, holder WorkFlows op med at fungere, eller fejler ofte uden påviselig grund.

Anvend Log to History ofte

Der er ingen test kørsels muligheder, eller step by step kørsel. Derfor kan det være en stor hjælp at have historik i WorkFlows, til at se hvor langt et WorkFlow er kommet, hvilken struktur/vej WorkFlow har kørt, værdier som WorkFlow anvender undervejs.

Brug Steps til at organisere dine WorkFlows

Det er altid en udfordring at sætte sig ind i et eksisterende WorkFlow. Derfor kan det være en god ide at dele WorkFlows op i logiske mindre dele, steps.

Det kan endda også være en ide at dele hvert step op i flere, hvor det giver mening.

Anvend 2010 WorkFlows til at sætte rettigheder på basis af valgte værdier

Item Level Permissions bør undgås, men kan det ikke undgås, bør permissions indstilles af WorkFlows således at der IKKE er en manuel proces, men at det foregår automatisk. Dette kræver 2010 WorkFlows da det kun er 2010 WorkFlows som har impersonation steps, som har kommandoerne.

Impersonation steps har den specielle egenskab, at handlinger udføres med OPRETTERS privilegier, og ikke som normalt, bruger som har startet WorkFlow.

Start InfoPath formular WorkFlows med Pause 1 minut.

Det er flere gange konstateret at WorkFlows som skal køre på InfoPath formularer som gemmes efter redigering, har en tendens til at starte WorkFlow inden data er gemt. Dette giver periodiske fejl, som er umulige at spore.

Brug variabler til at hente information som anvendes mange gange i WorkFlows

Hver gang en værdi skal hentes fra et item, tager det lidt tid. Derfor kan det være en god ide at samle data i variabler.

Lav en skitse over WorkFlow inden start.

Det giver ofte meget at beskrive WorkFlow inden oprettelsen, da rækkefølgen kan være afgørende for effektiviteten og om WorkFlow faktisk vil fungere.