

asapFlow - Add-ons to Winshuttle workflow solutions





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ADSOTECH has developed the following additional features to Winshuttle workflow solutions to reduce end-to-end response times in the dialogues as well as some enhanced workflow management capabilities. The solutions have been included into workflows developed with Winshuttle Designer and Winshuttle COMPOSER.

Fast and dynamic line-item entry

This feature was specifically developed for providing a fast and dynamic way of entering line-item entries in financial postings. The feature supports for example dynamic line-items where account-specific field options dictate the layout of the line-item list and the layout of the line-item detail view.

This feature provides the following capabilities: Line item entry, dynamic line-item list, dynamic line-item detail, line-item copy, line-item search, field-specific defaults.

Dynamic line-item entry controls:

Excel import and export features

This feature enables superfast import/export of data between Workflow forms and Excel. The feature also supports direct importing and exporting of data between forms, without using Excel. Import/export of 1000 lines takes approx 2 seconds.

Import/Export controls:

In addition to above add-ons related to forms, following additional components have been developed for enhanced workflow management capabilities:



Management Cockpit

The Management Cockpit is a monitoring system that shows in an easy to understand format a log of all background transactions executed or being executed in a workflow. The data can be selected based on numerous selection criteria, for example:

- Request ID
- Request originator
- Forms site
- Task type (Winshuttle update, Upload attachment, Auto approval etc.)
- Task status (pending, processing, completed, error)
- Time range

The management Cockpit can be used for example in the following scenarios:

- Provide general insight about background tasks and task durations of a specific process type
- Monitor the background progress of a specific request
- Identify background execution issue patterns (request type, creator etc.)
- Identify background execution issues and identify the related request
- Retry failed executions
- View the number of pending tasks (identify queue length during peak activity)

Cockpit sample – Request list & detail:

Background tasks									
Task id	Request id	Status	Type	Start time	Proc. time	Compl. time	Originator	Host	
2283	isolfb01-20150928-003	Completed	winshuttleupdate	9/28/2015 2:36:01 PM	9/28/2015 2:37:45 PM	9/28/2015 2:38:01 PM	i0# wjadsolism	ADSOSRV2012COMP	
2284	matfb01-20150928-003	Completed	winshuttleupdate	9/28/2015 2:36:18 PM	9/28/2015 2:38:01 PM	9/28/2015 2:38:15 PM	i0# wjadsolmatj	ADSOSRV2012COMP	
2618	FB-2015-10-01-000003	Completed	winshuttleupdate	10/1/2015 10:13:23 AM	10/1/2015 10:15:44 AM	10/1/2015 10:16:20 AM	i0# wjadsolyikt	ADSOSRV2012COMP	
2674	FB-2015-10-01-000032	Completed	winshuttleupdate	10/1/2015 1:44:38 PM	10/1/2015 1:45:47 PM	10/1/2015 1:46:03 PM	i0# wjadsolyikt	ADSOSRV2012COMP	
2682	FB-2015-10-01-000034	Processing	winshuttleupdate	10/1/2015 1:52:02 PM	11/23/2015 3:59:44 PM	10/1/2015 1:52:02 PM	i0# wjadsolyikt	ADSOSRV2012COMP	
2685	FB-2015-10-01-000035	Pending				10/2/2015 1:52:02 PM	i0# wjadsolyikt	ADSOSRV2012COMP	
2688	FB-2015-10-01-000036	Completed				03 PM	i0# wjadsolyikt	ADSOSRV2012COMP	
2693	FB-2015-10-01-000037	Completed				03 PM	i0# wjadsolyikt	ADSOSRV2012COMP	
2694	FB-2015-10-01-000038	Completed				17 PM	i0# wjadsolyikt	ADSOSRV2012COMP	
2702	FB-2015-10-02-000003	Completed				07 PM	i0# wjadsolyikt	ADSOSRV2012COMP	

Task details	
Task id	2702
Request id	FB-2015-10-02-000003
Task status	Completed
Task type	winshuttleupdate
Originator	i0# wjadsolyikt
Site	Ylikt
Processing host	ADSOSRV2012COMP
Start time	10/2/2015 1:49:32 PM
Processing time	10/2/2015 1:51:44 PM
Completion time	10/2/2015 1:52:07 PM
Task XML	<pre><?xml version="1.0" encoding="utf-16"?><WinshuttleUpdateExecutor xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:baseNs="http://adsosrv2012comp/#" HostName="i0# wjadsolyikt" InstanceId="4437edc5-8c13-4a4f-80db-814e3e8e2a8" ListId="WebId=2156be4b-e4c5-40ee-b776-2688c5481c0f" WebId="ListName=FB01>Create_Demo" ListName="RelativeInt=Ylikt" RelativeUrl="/ProcessId=607/ProcessId=AssignmentId=1/AssignmentId=7/Tag=16/Tag=1/PluginSync=Fast" Site="Ylikt" PluginSync="Itemid=1/Itemid=1/WebServiceName=Ylikt_FB01_CREATE_DEV_WEB_V2" /></pre>

Data archival and pre-archival

The standard Winshuttle archival solution provides the capability to archive completed workflow items to SharePoint or to the file system.

If the data volume grows very large, the processing time of new postings will slow down and the retrieval of archived postings will also become slow. In addition customers may have a need to copy or clone older postings, just to minimize manual retyping. In principle it is possible but if there have been any changes made to the solutions, it may be in practice impossible to clone an old posting.



There are customer cases where the request volumes can be quite high, there is a requirement for requestors and/or approvers to be able to access the completed items for an extended period of time and there may also be a need for custom security (item-level security) in SharePoint. For example, monthly volume is 5000 entries, access to completed items must be provided for 18 months and item-level security is used. This would mean that 90 000 items would have to be kept in the live Winshuttle Workflow/SharePoint environment before moving to archive.

The ADSOTECH archival solution could be used in this scenario. The **Pre-Archival** functionality can be used to synchronize (not move) any new/changed items to the archive a few minutes after item is created/changed. **Real archival** could move completed items to archive for example two months after completion (only 10000 items in live environment). The **archival Viewer** is accessible by the end users for viewing pre-archived and archived items. Users have access to items no matter if item was created ten minutes ago or two years ago.

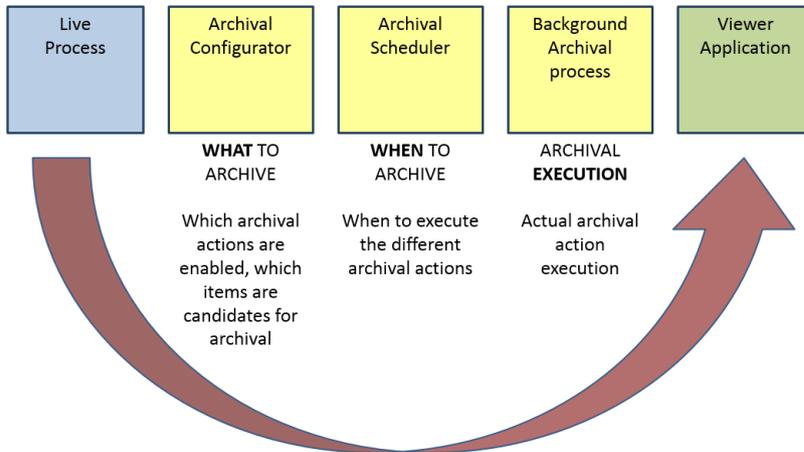
ADSOTECH archival benefits in a high-volume environment:

- Keep the live Winshuttle Workflow/SharePoint environment significantly smaller and faster without losing any important end-user functionality
- Provide a single place for retrieving ALL accessible workflow requests, including running and completed items
- Provide fast access to requests using very flexible search and grouping capabilities as well as custom views
- Ability to access archived items' forms, attachments, history
- Own flexible scheduler for Pre-Archival and Archival execution, supports for example scheduling days based on financial periods
- Built-in full archival lifecycle: primary archive, secondary archive and removal of old items
- Ability to view & export archived items' line-items (1)
- Ability to copy new requests directly from archive without being dependant on version-constraints as with standard Winshuttle copy functionality (1)

(1) This functionality requires custom coding



Archival components:



Additional Information about *asapFlow* tools and services

Information about specific asapFLOW Add-ons for different SAP modules is available upon request. To request more information contact :

ADSOTECH Scandinavia Oy
 Piispanportti 5
 02240 ESPOO
 010 321 6260
 info@adsotech.com



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