

12.0 Studio Feature Enhancement over 10.x

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Introduction

Winshuttle Studio 12.0

- Single product with single add-in experience and can be installed by a single installer
- Microsoft Office like familiar ribbon-based interface, to enhance user experience
- Real time data editing capabilities from Studio with embedded Excel Worksheet

New feature implementations and existing feature enhancements have happened for:

- Performance Improvement
- Mapping Capabilities
- Runner Experience
- Application Options
- Security & Authentication

Performance Improvements

For full benefit of a 12.0 release, use 12.0 versions of both Studio and WFM

A. Script Execution Improvement

- Faster Transaction script execution
- Faster Query script execution with SharePoint list as data source
- Faster Query script execution to minimize memory footprint during query execution for SQL/SP List/ACCESS (Should not get 'System Out of Memory Exception' error)
- Faster and consistent execution durations of both Studio and Winshuttle Add-in
- Faster Query script execution for both WFM and Non-WFM SAP system
- Faster WFM performance

B. User Action Improvement

- Faster opening of file from Foundation (Single, Multi, Linked)
- Faster loading of Scheduled Tasks
- Faster loading of Log Viewer
- Faster loading of Studio client, Command line, Add-in and Macro

C. Mapper Performance Improvement

- Faster remapping time duration of fields
- Faster mapper performance of copying 'IF' block
- Faster mapper actions and loading duration
- Faster selection for large number of rows
- Faster auto-sync for large number of rows
- Faster WPF converters
- Faster search capabilities in Mapper functionality

Mapping Capabilities: Mapper Specific Improvements

A. Transaction

- Microsoft Excel like experience for mapper actions and operations
- Ability to Auto Sync while mapping with Preserve, Replace and Insert Before operations
- Ability to mark multiple fields for upload/download using drag & drop in mapper
- Ability to shift-up and shift-down mapper items
- Ability to Paste After functionality added for mapper fields
- Ability to insert Blank Row context menu
- Ability to switch between script-properties & field row-properties in Properties panel
- Enhanced usability with addition of options in Context Menu
- Ability of padding different data types
- Availability of Write Header option in Map Tab
- Availability of Auto Map option in Basic and Expert View
- Ability to add comment on multiple selected rows via the property panel
- Ability to visualize field length in SAP through Field Length option
- Ability to change Recording mode via the Property panel
- Ability to enable/disable the Extended Log property via mapper tab
- Ability to apply and validate Excel formulas on selected fields
- Ability to convert If Else condition block to If condition
- Ability to use Transform formulas in all languages supported by Microsoft Excel
- Ability to edit the condition of an empty If block and Loop block
- Ability to add Else Block to If condition defined inside a loop
- Background mode setting retained on closing the script

B. Query

- C. Microsoft Excel like experience for actions and operations
- Ability to shift-up and shift-down mapper items using Context Menu or Ribbon
- Ability to restore mapping to original recording state
- Usability enhancement with Microsoft Office like experience for actions and operations
- Ability to comment multiple selected rows via the property panel
- Ability to Paste After functionality added for mapper fields
- Usability improvement with addition of options in Context Menu

D. Direct

- Addition of Loop Deletion and Update feature
- Ability to Search in Workspace
- Ability to Synchronize
- Ability to apply List of Values (LOV)
- BAPI creation made easier with single script creation in Direct component of Studio
- Making changed like padding made easier with single script creation and options availability in tabs
- Ability to Paste After mapper fields
- Usability enhancement with addition of options in Context Menu

Runner Experience: Execution feature Improvements

A. Transaction

- Ability to skip screen in loop from Run Tab
- Ability to edit T-Code
- Ability to timestamp logs
- Ability to Validate only Unprocessed Rows or Error Rows from Run Tab
- Ability to Simulate only Unprocessed Rows or Error Rows from Run Tab
- Ability to Simulate and Validate in Console mode and Macros
- Ability to Check Data in runner
- Ability to add Look Up values from Run Tab
- Ability to add Auto Logon Credentials from Run Tab
- Ability to Chain Linked Scripts with All From Individual, All From First and Custom settings
- Ability to view individual linked script settings and decide upon order of their execution
- Ability to Add, Rename, Delete Sheet added on Excel preview on Run tab
- Ability to Padlocks for Start Row, End Row, Sheet, Backup Data, Start SAP GUI, Skip field indicator
- Ability to SAP Authentication types – SAP SSO, Cyber Safe
- Ability to support relative path for Chain scripts
- Ability to place ALC file on Network and Shared location
- Improved Document Attachment and Long Text handling
- Ability to add Service Port for SAP Connection in Studio
- Ability to provide SAP Router string for SAP Logon

B. Query

- Ability to apply Criteria on Outer Joins Right Table
- Ability to view Records in case of Access, SPList and SQL destination data sources on Run Tab
- Ability to view EAQT option on Run Tab
- Ability to update Chain Run settings – EAQT, Data chunks, Write Records
- Rename feature addition for Access, SQL and SPList data sources
- Ability to add Look Up values from Run Tab
- Ability to Chain Linked Scripts with All From Individual, All From First and Custom settings
- Ability to view individual linked script settings and decide upon order of their execution
- Ability to Add, Rename, Delete Sheet added on Excel preview on Run tab
- New options of Padlocks for Start Row, End Row, Sheet
- Ability to relative path for Chain scripts
- Ability to place ALC file on Network and Shared location
- Ability to add Service Port for SAP Connection in Studio
- Ability to provide SAP Router string for SAP Logon
- 65 K character restriction removed

Application Options

A. Studio Backstage – Log Viewer

- Display consolidated logs of Transaction, Query and Direct
- Ability to filters data source types, date of run, product types. T-Code, Tables, BAPI Name
- Display Script Path, Data File Path, Data Type, Run By
- Display Individual log rows for linked script with the individual script, data file and sap server
- Display Total Number of Records Processed by user for Transaction, Query and Direct
- Colouring scheme adopted for success and error rows in log

B. Studio Backstage – Scheduled Tasks

- Consolidated list of Scheduled Tasks of Transaction, Query and Direct
- Additional fields – Tcode, Scheduled Status, Disable Production Server Warning, Reason for Run failure, Save to Foundation

C. Studio Backstage – User Account

- Display of Username and Email
- Display License Status assigned to logged in user
- Display List of components (Transaction, Query, Direct) enabled for assigned license
- Display Connect URL information
- User authorization option available in app options with key “ForceUserCreds”
- Support of TLS 1.2

D. Studio Backstage – Options

- Ability to AutoMap on Recording to automatically map fields on successful recording from SAP
- Ability to specify list of skip indicators through Skip Indicators Collection
- Ability to enable RFC Trace
- Ability to set Foundation Per Page Download Limit In case of Foundation mode
- Ability to set Document Attachment Limit
- Ability to Enforce Non-FM for run operations
- Ability to set Do Not Write Log Header
- Ability to Override Regional Settings
- Ability to set Query timeout value
- Ability to set Preserve Header as true
- Ability to configure the number of scripts you want to view under 'Recent Scripts,' and the number of records you want to view under 'show preview records

Security & Authentication

- Support for TLS 1.1 and TLS 1.2
- Support for SAP SSO, Cyber Safe SAP Authentication types
- Support for Secure Network Connection (SNC) without Single Sign-On (SSO)
- Support for Service Port through Studio
- Ability to add, edit Auto Logon Credentials
- Ability to capture Run reason is required for scripts using macros