

SSIS PRODUCTIVITY PACK

The SSIS Productivity Pack is a collection of premium SSIS components which enable an improved SSIS ETL development experience with greater potential. These SSIS components expand on native SSIS components to offer more powerful features and bring new enhancements to SSIS to enable integration scenarios not once possible without custom scripting.

KEY FEATURES

- A premium pack of the most advanced ETL components in the industry to help make SSIS more powerful.
- Eliminates the need for custom scripts for common complex requirements.
- Saves time and offers significantly greater potential when implementing solutions using SSIS.
- Enables developers to accomplish more in SSIS in a more productive fashion.
- Currently includes over 150 premium and unique components with more to come.

Technical Requirements: Azure SQL, Microsoft SQL Server 2017, 2016, 2014, 2012, 2008 R2, 2008, or 2005.

PREMIUM DATA FLOW COMPONENTS

PREMIUM DERIVED COLUMN

- Expands on the functionality of the standard SSIS Derived Column to include over 225 functions and an advanced expression editor.

PREMIUM SLOWLY CHANGING DIMENSION

- An enhanced version of the standard Slowly Changing Dimension component, can process three types of slowly changing dimensions: Fixed Attributes, Changing Attributes, and Historical Attributes.

PREMIUM LOOKUP

- Combines the functionality of the out-of-box Lookup and Fuzzy Lookup components into one simplified, easy to use component without any limitations including the ability to use any data input as the lookup source.

PREMIUM ADO.NET COMPONENTS

- **PREMIUM ADO.NET SOURCE** offers greater metadata handling and additional features to read from virtually any database.
- **PREMIUM ADO.NET DESTINATION** enables writing to a database with Insert, Update, Delete or Upsert write actions as well as many other additional features.

PREMIUM EXCEL COMPONENTS

- Includes enhanced Excel **CONNECTION MANAGER, SOURCE & DESTINATION** components. Supports both 32 and 64-bit runtimes with greater flexibility when reading and writing to an Excel file.

CLOUD STORAGE

AMAZON S3 STORAGE COMPONENTS

- Includes **Connection Manager, Source & Destination** components to facilitate connecting to and reading and writing from Amazon S3 Storage.

AZURE BLOB STORAGE COMPONENTS

- Includes **Connection Manager, Source & Destination** components to facilitate connecting to and reading and writing to/from Azure Blob Storage.

BOX COMPONENTS

- Includes **Connection Manager, Source & Destination** components to facilitate connecting, reading, & writing to/from Box.

DROPBOX COMPONENTS

- Includes **Connection Manager, Source & Destination** components to facilitate connecting, reading, & writing to/from Dropbox.

ONEDRIVE COMPONENTS

- Includes **Connection Manager, Source & Destination** components to facilitate connecting, reading, & writing to/from OneDrive.

DATA GENERATION AND ANONYMIZATION

DATA ANONYMIZER

- Transformation component which allows you to anonymize or mask your sensitive data.

DATA SPAWNER

- Generates random sample data easily using many different data types.

JSON & XML PROCESSING

JSON SOURCE

- Used to retrieve JSON documents from an HTTP URL or local file and break up the JSON structure to produce column data.

JSON EXTRACT

- A transformation component that receives JSON from an upstream component and extracts data to produce column data.

JSON MERGE

- A transformation component which can be used to merge data into JSON documents.

JSON DESTINATION

- Merge input data into JSON structure and output it to a file or send it to an HTTP URL.

XML SOURCE

- Retrieve XML documents from an HTTP URL or local file and break up the XML structure to produce column data.

XML EXTRACT

- A transformation component that receives JSON from an upstream component and extracts data to produce column data.

XML MERGE

- A transformation component which can be used to merge data into XML format.

XML DESTINATION

- Merge input data into XML structure and output it to a file or send it to an HTTP URL.

HTML TABLE SOURCE

- Used to retrieve an HTML document from an HTTP request or a local file and extract a table element into column data.

DATA QUALITY AND COMPARISON

ADDRESS VERIFICATION

- Connection Manager & Source component used to verify the accuracy of address data and provide corrections.

DATA PROFILER

- Used to analyze data and to compare rows from upstream data sources. Results of the data analysis are sent to the additional "DataProfiler Output."

DIFF DETECTOR

- Used to compare two source inputs to find out the exact differences. Rows are matched using a business key (single or composite key) to determine if the incoming rows are new, unchanged, changed, or deleted rows.

DUPLICATE DETECTOR

- Used to compare rows within a data source and identify duplicate rows. Offers several common matching types to handle unique matching requirements.

GOOGLE SERVICES

GOOGLE ADWORDS

- Includes a **CONNECTION MANAGER** and **SOURCE COMPONENT** to facilitate connecting to and retrieving data from Google AdWords.

GOOGLE ANALYTICS

- Includes a **CONNECTION MANAGER** and **SOURCE COMPONENT** to facilitate connecting to and retrieving data from Google Analytics.

GOOGLE BIGQUERY

- Includes **CONNECTION MANAGER, SOURCE & DESTINATION** components to facilitate connecting to and retrieving & writing data from/to Google BigQuery.

GOOGLE SHEETS

- Includes **CONNECTION MANAGER, SOURCE & DESTINATION** components to facilitate connecting to and retrieving & writing data from/to Google Sheets.

TEMPLATE MERGE

HTML MERGE

- A transformation component which can merge column and variable data using a pre-defined HTML template.

TEXT MERGE

- Data Flow Transformation Component which can merge column and variable data using a pre-defined text template.

ENCRYPTION AND COMPRESSION TASKS

COMPRESSION TASK

- Allows you to compress or decompress .zip files in the Control Flow.

PGP ENCRYPTION TASK

- Control flow task that can be used to perform Encrypt, Decrypt, CreateSignature or VerifySignature actions on a file.

MAIL COMPONENTS

EMAIL COMPONENTS

- Includes **CONNECTION MANAGER** and **SOURCE COMPONENT** to facilitate connecting to and retrieve emails from an IMAP, POP3, or Exchange Web Services Email server.

SMTP COMPONENTS

- **SMTP Connection Manager, Destination, & Task** facilitates connections to an SMTP server to send emails within SSIS.

MESSAGE QUEUE COMPONENTS

AZURE SERVICE BUS COMPONENTS

- **Connection Manager, Source & Destination** components facilitate connecting to and reading & writing to/from Azure Service Bus.

IBM MQ COMPONENTS

- **Connection Manager, Source & Destination** components facilitate connecting to and reading & writing to/from IBM MQ/ WebSphere MQ.

MSMQ COMPONENTS

- **Connection Manager, Source & Destination** components facilitate connecting to and reading & writing to/from MSMQ.

RABBITMQ COMPONENTS

- **Connection Manager, Source & Destination** components facilitate connecting to and reading & writing to/from RabbitMQ.

NOSQL COMPONENTS

CASSANDRA COMPONENTS

- **Connection Manager, Source & Destination** components facilitate connecting to and reading & writing to/from Apache Cassandra. Supports Insert, Update, Upsert, or Delete write actions.

AMAZON DYNAMODB COMPONENTS

- **Connection Manager, Source & Destination** components facilitate connecting to and reading & writing to/from Amazon DynamoDB server. Supports Insert, Update, Upsert, or Delete write actions.

MONGODB COMPONENTS

- **Connection Manager, Source & Destination** components facilitate connecting to and reading & writing to/from MongoDB server. Supports Insert, Replace, Update or Delete write actions with the option to use Upsert on Replace and Update actions.

PREMIUM FILE PACK

FTPS CONNECTION MANAGER

- Facilitates connecting to an FTPS server.

SFTP CONNECTION MANAGER

- Facilitates connection to an SFTP server.

PREMIUM FILE SYSTEM COMPONENTS

- **Premium File System Source & Destination** support reading or writing data from/to a file system through local, FTPS or SFTP connections. Includes item selection modes to retrieve the desired sub items (if any).

PREMIUM FLAT FILE COMPONENTS

- **Premium Flat File Source & Destination** support reading or writing data from/to a flat file from specified server.
- Supports FTPS, SFTP, OneDrive, Dropbox, Box, Amazon S3, Azure Blob Storage, SharePoint & local connections.

PREMIUM FILE TRANSFER TASK

- Support for 4 actions: Send Files, Delete Files, Create Directory, and Remove Directory.
- Supports FTPS, SFTP, OneDrive, Dropbox, Box, Amazon S3, Azure Blob Storage, SharePoint & local connections.

HTTP/WEB SERVICE COMPONENTS

HTTP CONNECTION MANAGER

- Used to establish a connection to an HTTP website.
- Supports access to SOAP or REST-based web services.

HTTP REQUESTER

- Data flow pipeline component that can be used to send a series of HTTP requests and process their responses.
- Supports optional query string parameters.

HTTP REQUESTER TASK

- Control flow task component that can be used to send an HTTP request and receive a response.
- Supports optional query string parameters.
- Options to output the response body to a variable or file.

WEB SERVICE COMPONENTS

- **Web Service Source** supports reading data from virtually any SOAP based service endpoint. Option to specify input parameters. Support for custom SOAP headers.
- **Web Service Destination** supports writing data using web service interfaces by targeting virtually any SOAP based service endpoint. Supports custom SOAP headers
- **Web Service Task** is a control flow component that can be used to read/retrieve data from a web service. Option to specify input parameters. Options to output the response body to a variable or file.

MISCELLANEOUS COMPONENTS

EDI SOURCE

- Used to retrieve data from an EDI file, supports 1000's of different EDI format and version types.

TIME ZONE CONVERSION

- A transformation component for converting a date column from one timezone to another.

TIMER TASK

- Pauses package execution between Control Flow items through 3 Pause Modes: Fixed Time, Wait Until, Wait Until Variable.

ABOUT KINGSWAYSOFT

KingswaySoft is a leading provider of high-performance data integration solutions using SSIS as the ETL platform. Organizations from more than 75 countries rely on our solutions to drive their business data efficiency.

Our primary mission is to help our customers to be successful in their business by providing them with quality software products and innovative integration solutions at a competitive price.