Import Tool

Import Tool enables a user to import bulk data into a specific form's table by retrieving the CSV, XLS or XLSX file from a form field and doing a simple column-to-field mapping.

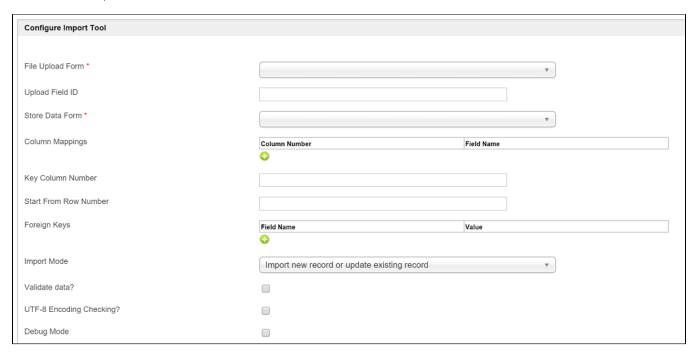It is formerly known as **CSV Import Tool** in Joget Workflow v4.

Configure Import Tool

File Upload Form *	▼
Upload Field ID	
Store Data Form *	▼
Column Mappings	Column Number Field Name
	➕
Key Column Number	
Start From Row Number	
Foreign Keys	Field Name Value
	➕
Import Mode	Import new record or update existing record ▼
Validate data?	☐
UTF-8 Encoding Checking?	☐
Debug Mode	☐

Figure 1: CSV Import Tool Properties

Name	Description
File Upload Form	Specify the source Form where File Upload element resides.
Upload Field ID	File Upload element ID in the specified form above.

Store Data Form	Specify on where to store the data by choosing a target form.
Column Mappings	Map the source file's CSV values to the target form fields.

Name	Description
Column Number	Refers to the column number in the source CSV. Integer only, **starts from 0**.
Field Name	Must be a element ID in the target form specified above, "**Store Data Form**".

Key Column Number	Column number that holds the primary key value. ⓘ If nothing is defined, a UUID will be generated and assigned when importing.
Start From Row Number	Row number to start importing data. Integer only, **starts from 0**.
Foreign Keys	Define other values that can not be found in the CSV file such as Foreign Key value associations data. You may also define hard-coded value here too.

Name	Description
Field Name	Field name in the target form.
Value	Value to be set. Hash Variable is accepted.

Import Mode	• Import new record or update existing record • Import new record only • Delete record
Validate data?	Data to be imported will be validated in according to the form's fields' validations.

UTF-8 Encoding Checking?	Check if the file is encoded with UTF-8.
Debug Mode	Useful debugging information will be printed out in the server log when Debug Mode is turned on.

ⓘ **New feature added in version 5.0.7**

The **Import Status** tab is newly added in Joget Workflow Enterprise version 5.0.7.

Import Status

Store To Workflow Variables

Records Count (Workflow Variable Name)	recordsCount
Success Imported Records Count (Workflow Variable Name)	successImportedCount
Success Updated Records Count (Workflow Variable Name)	successUpdatedCount
Success Deleted Records Count (Workflow Variable Name)	successDeletedCount
Skipped Records Count (Workflow Variable Name)	skippedCount
Validation Error Records Count (Workflow Variable Name)	validationErrorCount
Success Imported Records Row Numbers (Workflow Variable Name)	successImportedRows
Success Updated Records Row Numbers (Workflow Variable Name)	successUpdatedRows
Success Deleted Records Row Numbers (Workflow Variable Name)	successDeletedRows
Skipped Records Row Numbers (Workflow Variable Name)	skippedRows
Validation Error Records Row Numbers (Workflow Variable Name)	validationErrorRows
Validation Error Records Details (Workflow Variable Name)	validationErrorRowDetails
Validation Error Records Details Format	JSON ▼

Store to File Upload Form

Records Count (Field Id)	recordsCount
Success Imported Records Count (Field Id)	successImportedCount
Success Updated Records Count (Field Id)	successUpdatedCount
Success Deleted Records Count (Field Id)	successDeletedCount
Skipped Records Count (Field Id)	skippedCount
Validation Error Records Count (Field Id)	validationErrorCount
Success Imported Records Row Numbers (Field Id)	successImportedRows
Success Updated Records Row Numbers	successUpdatedRows

	Success Updated Records Row Numbers (Field Id)	successUpdatedRows

Success Deleted Records Row Numbers (Field Id)   successDeletedRows

Skipped Records Row Numbers (Field Id)   skippedRows

Validation Error Records Row Numbers (Field Id)   validationErrorRows

Validation Error Records Details (Field Id)   validationErrorRowDetails

Validation Error Records Details Format   HTML Table ▼

Name	Description
Import Status	This is a new feature added in Joget Workflow Enterprise version 5.0.7 and onwards giving one clarity over the execution of the import. One can choose to save the import status data to form data table of the originating file (upload) or into workflow variables.