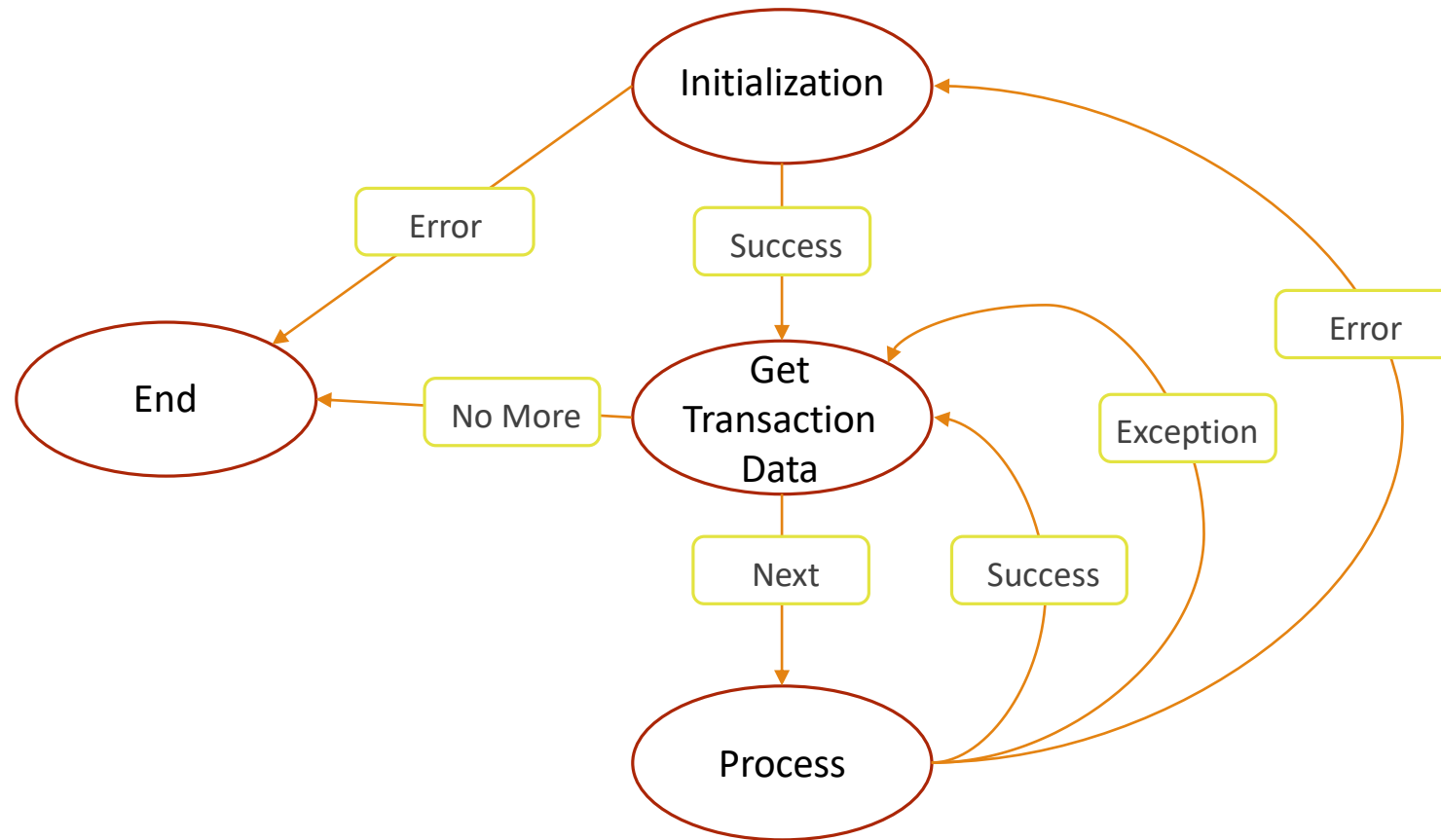


# ReFrameWork and GitHub Quickstart

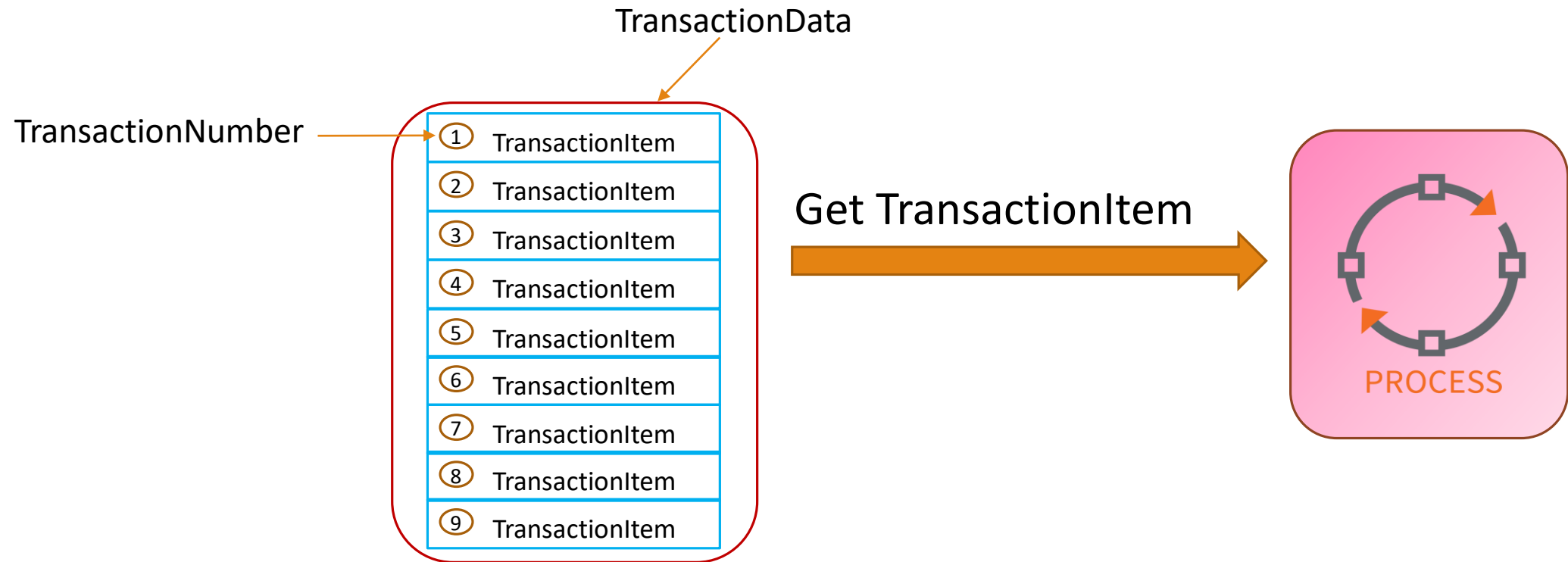
---

# ReFrameWork simplified

---



# Main components of ReFrameWork



# Initialization

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1. Read the Configuration file located in the Data folder.
2. Get the TransactionData. It can be a DataTable, Excel file, or array etc.
3. Open and initialize applications.

In our example we will get a list of the filepaths of the PDFs that we want to process using `Directory.GetFiles(Config("PathToFiles").ToString)`.

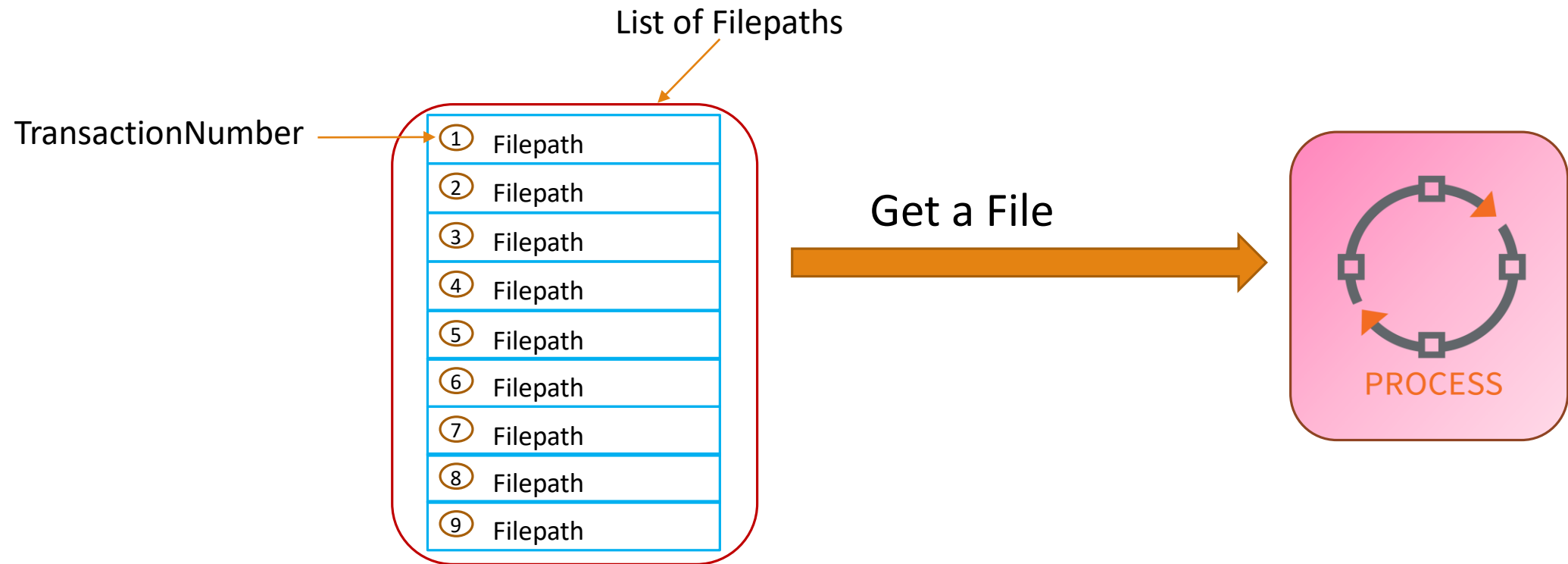
TransactionData must be type `String[]`, a string array.

TransactionItem must be type `String`.

Example: <https://github.com/erika-bot/Sample>



# Example



# Get Transaction Data

**Get Transaction Data**

Get a transaction item from a specified source (e.g., spreadsheets, databases, email, web API or Orchestrator).

If there are no transaction items remaining, out\_TransactionItem is set to Nothing, which leads to the End Process state.

For cases in which there is only a single transaction (i.e., a linear process), check whether the argument in\_TransactionNumber has the value 1 (meaning it's the first and only transaction) and assign the transaction item to out\_TransactionItem. For any other value of in\_TransactionNumber, out\_TransactionItem should be set to Nothing.

If there are multiple transactions, use the argument in\_TransactionNumber as an index to retrieve the correct transaction to be processed. If there are no more transactions left, it is necessary to set out\_TransactionItem to Nothing, thus ending the process.

**If transactionNumber <= transactiondata.count**

Condition: in\_TransactionNumber <= io\_TransactionData.Count

Then	Else
<b>A*B Assign TransactionItem next</b> out_TransactionItem = io_TransactionData	<b>A*B Assign TransactionItem Nothing</b> out_TransactionItem = Nothing

This condition needs to be added to the Get Transaction Data workflow to assign the next TransactionItem. If there are no more items, out\_TransactionItem should be set to Nothing.



# GitHub

- Code hosting
- Version control
- Collaboration
- Easy to use with  
UiPath Studio

# Getting started

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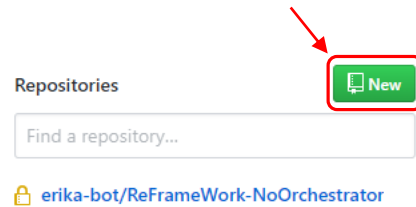


1. Create a repository in GitHub
2. Clone the repository to local machine
3. Add new a project or add changes
4. Commit and push

<https://docs.uipath.com/studio/docs/managing-projects-git>



# Create a repository in GitHub



When you do this, you will select the name of your organization. Not erika-bot.

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Owner: erika-bot Repository name \*: RenameInvoices ✓

Great repository names are short and memorable. Need inspiration? How about [fluffy-parakeet](#)?

Description (optional)

☐ Public  
Anyone can see this repository. You choose who can commit.

☒ Private  
You choose who can see and commit to this repository.

Skip this step if you're importing an existing repository.

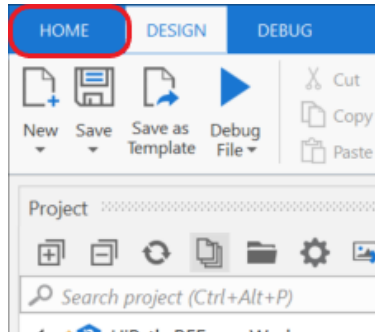
☒ Initialize this repository with a README  
This will let you immediately clone the repository to your computer.

Add .gitignore: None Add a license: None ⓘ

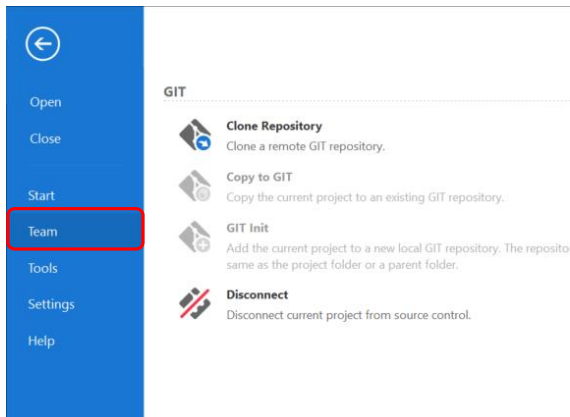
Create repository

# Clone the repository to local machine

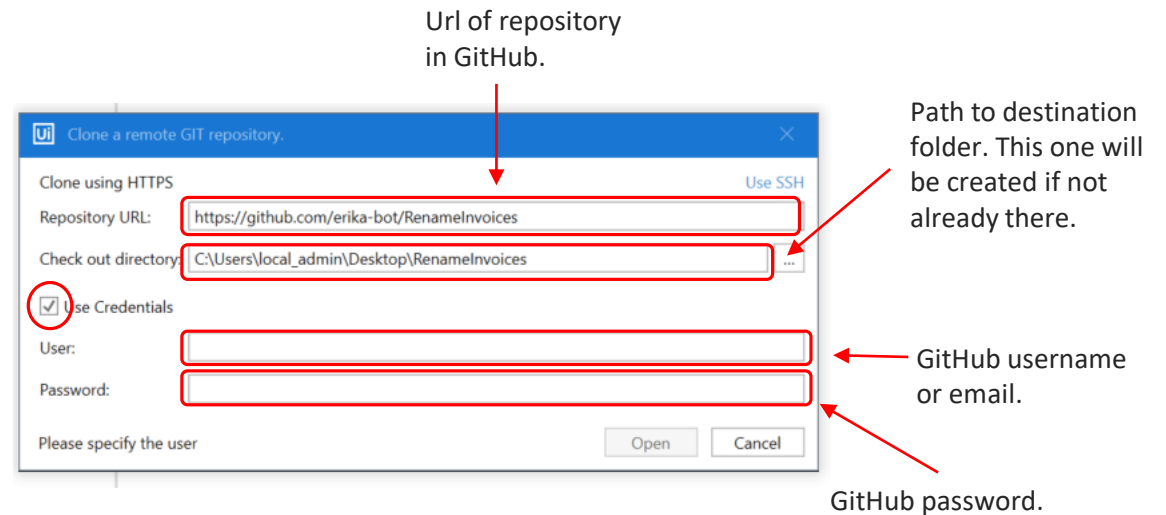
1



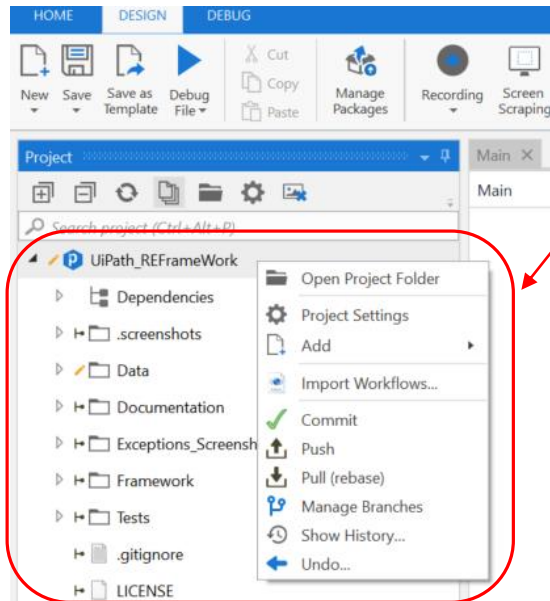
2



3



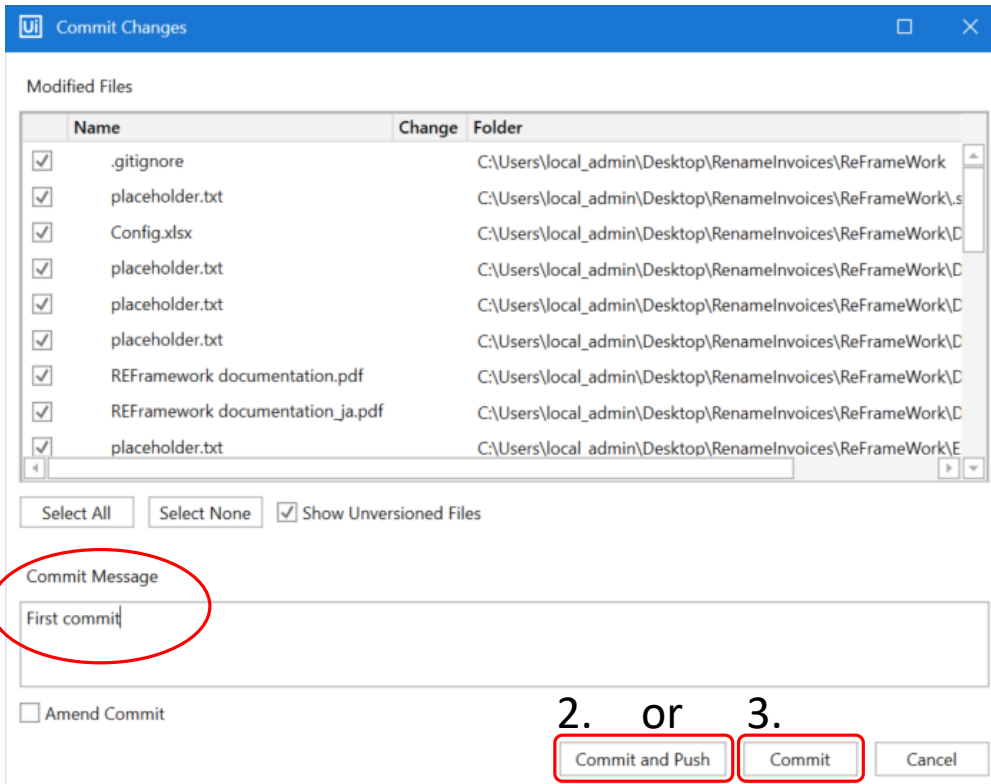
# Git functions in UiPath

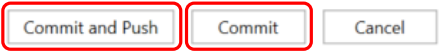


Right click on a folder or file in Project to see Git functions.

- Commit – Saves the changes you made to your local repository.
- Push – Syncs the remote repository to your local repository. You must commit before you push your changes.
- Pull – In case your copy is not up to date, you pull first, which syncs you local repository to the remote one.
- Undo – Restores your project to the last commit. All changes made after your last commit is removed.

# Commit or commit and push

1. 

2. or 3. 

1. Enter a message that describes the changes that were made.
2. Commit and push will save the changes and sync the remote repository to the new version.
3. Commit will only save changes to your local repository and not save to GitHub repository.