

Hands-On GenAI for RPA with UiPath



The screenshot shows a ChatGPT interface on the left and a UiPath Expression Editor window on the right.

ChatGPT Session:

- Message 1: In UiPath Studio projects, how do I
 - use in the activity `LogMessage`
 - an VB.net expression to log out the contents of a dictionary of String, Object?
- Message 2: Just give me the expression. Keep prose to minimum.
- Message 3: (Code block)

```
String.Join(", ", myDictionary.Select(Function(kvp) kvp.Key & " " & kvp.Value.ToString())).ToString()
```

Make it expression recursive:
 - the dictionary might contain another nested dictionary
 - so if a type dictionary is detected
 - then also string-join it
- Message 4: Just give me the expression as a oneliner for use in the activity `LogMessage`. Keep prose to minimum.
- Message 5: Return an expression. Do not return a function.

UiPath Expression Editor:

- Assign > Set value (InArgument)**
- Use Variables**:

```
String.Join("", TransactionItem.SpecificContent.Values)
```
- Generate an expression to String.Join the TranscationItem.SpecificContent**
- Save** and **Cancel** buttons

- Assign > Set value (InArgument)**
- Use Variables**:

```
String.Join("", TransactionItem.SpecificContent.SelectMany(Function(kv) If(TypeOf kv.Value Is Dictionary(Of String, Obj
```
- Generate an expression to **recursively** String.Join the TranscationItem.SpecificContent**
- Save** and **Cancel** buttons

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