

UiPath - Workflow

Extract information from SAP table with BAPI

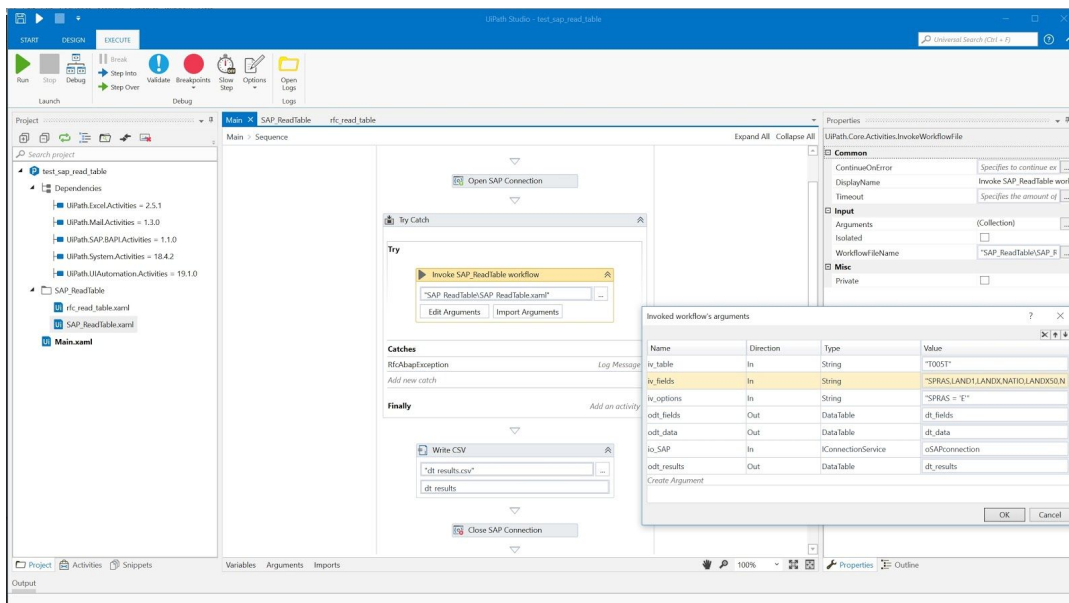
Summary

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Overview

Introduction

Sometimes you require a direct reading of SAP tables, and in order to do it, we have SAP-supplied function, RFC_READ_TABLE. Its fast and simple, but has some limitations: No check authorization objects, has small size results (512 bytes per row), only works fine with plain text, etc. (See SAP notes 2503119 and 382318)



Prerequisites

- SAP Connection with user granted for S_DEVELOP and S_RFC

Input Parameters

- io_SAP: SAP connection (IConnectionService)
- iv_table: SAP table (Ex. "T001")
- iv_fields: comma separated fields (Ex. "BUKRS,BUTXT,ORT01,LAND1,WAERS")
- iv_options: where clause (Ex. "BUTXT LIKE '%Template%'")

Output Parameters

- odt_fields: DataTable with fields metadata
- odt_data: DataTable with pipe delimited extract data.
- odt_results: DataTable with results cooked.

Output Parameters

- SAP.Middleware.Connector.RfcAbapException

Install

1. Create a folder "SAP_ReadTable" into your project folder.
2. Download workflows from https://github.com/alfonsogildegea/RPA/tree/master/SAP_ReadTable into this folder.
3. Add package "UiPath.SAP.BAPI.Activities" to your project. (Press ctrl-p, find the package and install)

Example of use

<https://youtu.be/UZfuWb13IYI>