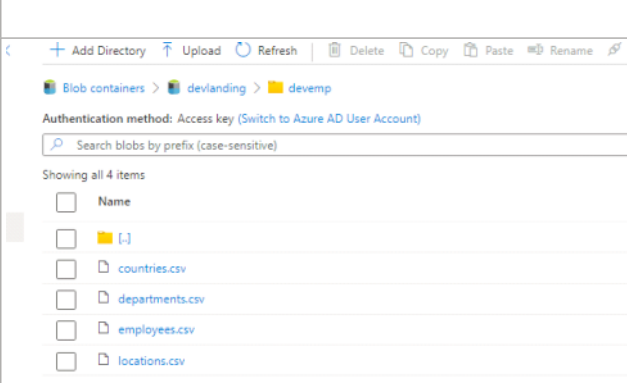
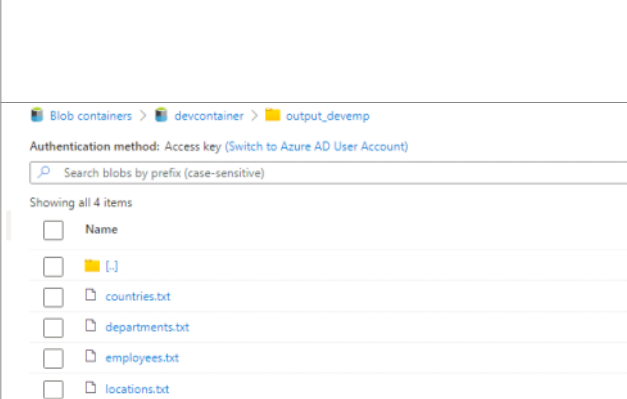


Use Case

Thursday, February 23, 2023 10:25 AM

Read all files in in devlanding>devemp folders and load it to target folder

Components	
Input folder	
Output folder	

1. Create a pipeline with name **LoadFilesInLoop**
2. Add a GETMETADATA activity and name it GetListOfFiles. This is to get list of files to read from source folder
3. Add a new input data set to read a folder **ip_adls_devempfolder**

swapnil.shimpi2011@gmail.co
DEFAULT DIRECTO

Set properties

Name
ip_adls_devempfolder

Linked service *
link_to_ADLS

File path
devlanding / devemp / File name

First row as header ☐

Import schema
☒ From connection/store
 ☐ From sample file
 ☐ None

> Advanced

OK Back Cancel

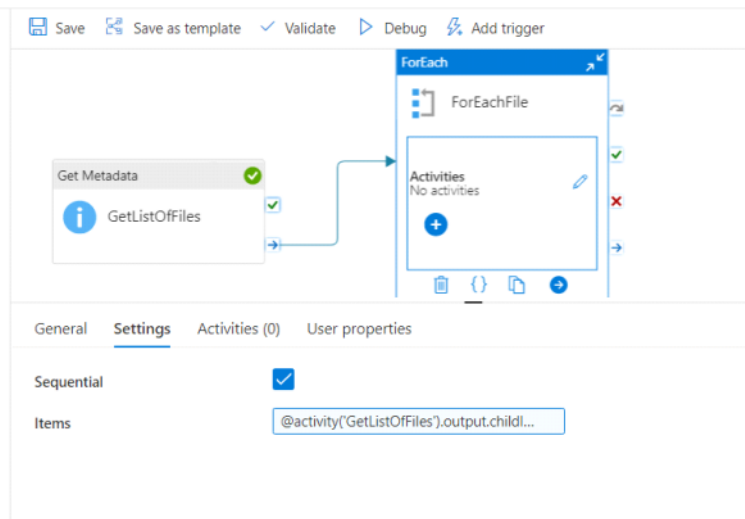
4. In METADATA activity settings add field setting value to **-Child items**
5. Debug it to check if file names are fetched from above folder

Output

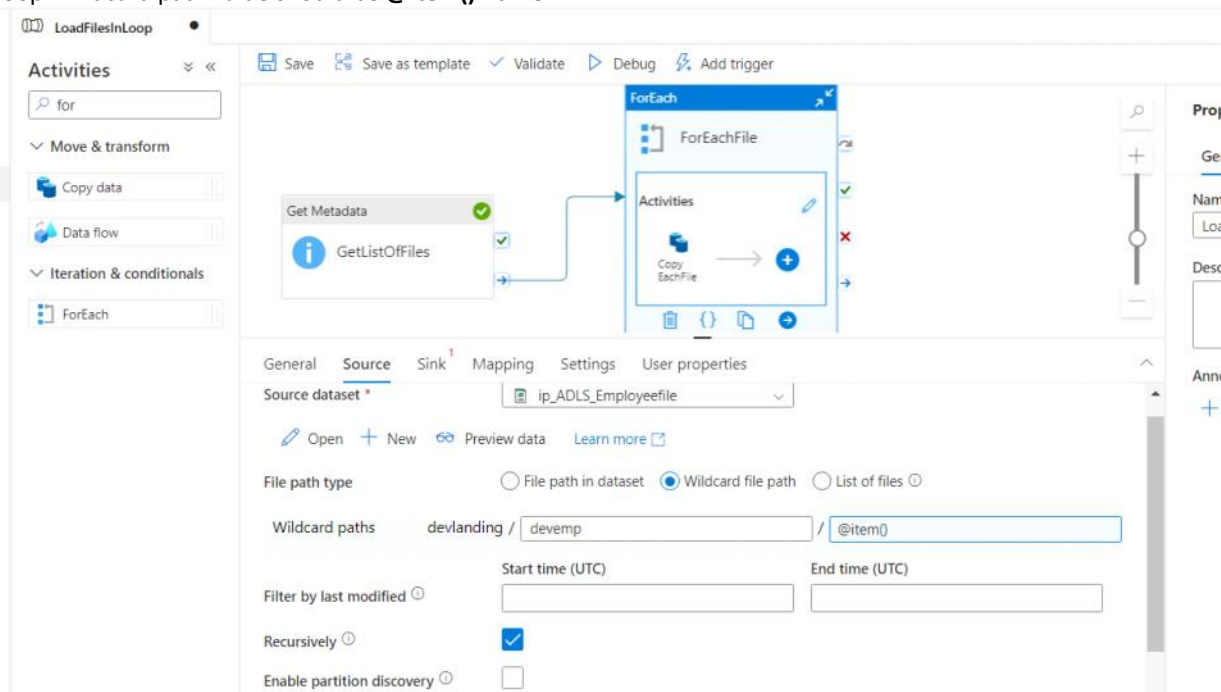
Copy to clipboard

```
{
  "childItems": [
    {
      "name": "countries.csv",
      "type": "File"
    },
    {
      "name": "departments.csv",
      "type": "File"
    },
    {
      "name": "employees.csv",
      "type": "File"
    },
    {
      "name": "locations.csv",
      "type": "File"
    }
  ],
  "effectiveIntegrationRuntime": "AutoResolveIntegrationRuntime (North Europe)",
  "executionDuration": 0,
  "durationInQueue": {
    "integrationRuntimeQueue": 0
  },
  "billingReference": {
    "activityType": "PipelineActivity",
    "billableDuration": {
      {
        "meterType": "AzureIR",
        "duration": 0.016666666666666666,
        "unit": "Hours"
      }
    }
  }
}
```

6. Add For Each activity and name it as **ForEachFile**, link the GETMETADATA activity to it
7. Under setting select the sequential checkbox (optional - if you want to serialize the load)
8. Under setting set the items value to read the output value of GETMETADATA activity



9. Add a copy activity inside **ForEachFile** activity , name it as a **Copy EachFile**
10. Source dataset- **ip_ADLS_Employeefile** which we created earlier .and set file path as below , to read each item from for loop. Wildcard path value should be **@item().name**



11. Create a new dataset to point to target folder where we want to load a file . Use path - devcontainer>output_devemp. Name the data set as **op_adl_devempfolder**

swapnil.shimpi2011@gmail.com
DEFAULT DIRECTORY

Set properties

Name
op_adl_devempfolder

Linked service *
link_to_ADLS

File path
devcontainer / output_devemp / File name

First row as header ☐

Import schema
☒ From connection/store
 ☐ From sample file
 ☐ None

> Advanced

OK Back Cancel

12. Sink dataset - set to above folder .Note that file **name is left blank**.

13. Debug the pipeline . And look for each of the step in execution. Copy loop is ran for 4 times

Pipeline run ID: 286e903f-bd08-4846-b699-d181c862ee0b

Name	Type	Run start	Duration	Status	Integration runtime
Copy EachFile	Copy data	2023-02-23T10:06:41.57977	00:00:10	✓ Succeeded	AutoResolveIntegrationRur
Copy EachFile	Copy data	2023-02-23T10:06:30.75267	00:00:10	✓ Succeeded	AutoResolveIntegrationRur
Copy EachFile	Copy data	2023-02-23T10:06:16.02453	00:00:14	✓ Succeeded	AutoResolveIntegrationRur
Copy EachFile	Copy data	2023-02-23T10:06:02.94345	00:00:11	✓ Succeeded	AutoResolveIntegrationRur
ForEachFile	ForEach	2023-02-23T10:06:02.36535	00:00:51	✓ Succeeded	
GetListOfFiles	Get Metadata	2023-02-23T10:05:57.89155	00:00:03	✓ Succeeded	AutoResolveIntegrationRur

14. Validate the output folder

<

+ Add Directory

↑ Upload

↻ Refresh

|

🗑 Delete

📄 Copy

📄 Paste

🏷 Rename

🔒 Acquire lease

🔓 Break lease

⚙ Edit columns

Blob containers

>

devcontainer

>

output_develop

Authentication method: Access key (Switch to Azure AD User Account)

🔍 Search blobs by prefix (case-sensitive)

Only show active objects

Showing all 4 items

<input type="checkbox"/>	Name	Last modified	Access tier	Blob type	Size	Lease state
<input type="checkbox"/>	<div><div>📁 [-]</div></div>					
<input type="checkbox"/>	<div><div>📄 countries.txt</div></div>	2/23/2023, 11:06:12 AM	Cool (Inferred)	Block blob	423 B	Available
<input type="checkbox"/>	<div><div>📄 departments.txt</div></div>	2/23/2023, 11:06:28 AM	Cool (Inferred)	Block blob	819 B	Available
<input type="checkbox"/>	<div><div>📄 employees.txt</div></div>	2/23/2023, 11:06:39 AM	Cool (Inferred)	Block blob	9.69 KiB	Available
<input type="checkbox"/>	<div><div>📄 locations.txt</div></div>	2/23/2023, 11:06:49 AM	Cool (Inferred)	Block blob	1.43 KiB	Available