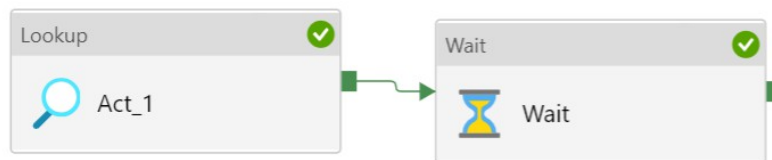


Fabric Data Pipeline Conditional Paths & Outcomes

1) Subsequent Activity with conditional path : Upon on Success

a) If initial activity and subsequent activity is success



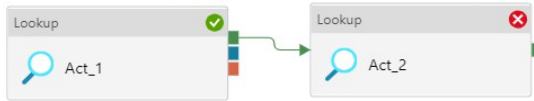
Parameters Variables Settings **Output**

Pipeline run ID: **9f974e70-481b-4d19-8621-e2b7975f1381** [👤] [🔄] [📄]

Name	Type	Run start	Duration	Status
Wait	Wait	2021-08-16T10:01:17.024	00:00:02	✔ Succeeded
Act_1	Lookup	2021-08-16T10:01:10.587	00:00:05	✔ Succeeded

Pipeline Outcome: **Success**

b) If initial activity is success and subsequent activity is failure



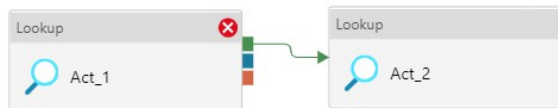
Parameters Variables Settings **Output**

Pipeline run ID: **3c1e1bdd-6f81-468a-aed8-f11e003d8dd6** [👤] 🔄 ⓘ

Name	Type	Run start	Duration	Status
Act_2	Lookup	2021-08-18T04:30:14.518	00:00:05	❌ Failed
Act_1	Lookup	2021-08-18T04:30:10.507	00:00:04	✅ Succeeded

Pipeline Outcome: **Failure**

c) If initial activity is failure



Parameters Variables Settings **Output**

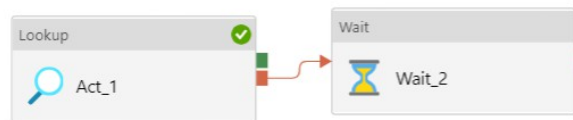
Pipeline run ID: **00e075b6-b152-4d7d-989a-e0fe9f46dbeb** [👤] 🔄 ⓘ

Name	Type	Run start	Duration	Status
Act_1	Lookup	2021-08-18T04:32:56.988	00:00:06	❌ Failed

Pipeline Outcome: **Failure**

2) Subsequent Activity with conditional path : Upon on Failure

a) If initial activity is Success



Parameters Variables Settings **Output**

Pipeline run ID: **5d23f9bd-fd52-40f4-b771-9ed36d9e34bb** [🔍] [🔄] [📄]

Name	Type	Run start	Duration	Status
Act_1	Lookup	2021-08-16T10:45:04.262	00:00:04	✔ Succeeded

Pipeline Outcome: **Success**

b) If initial activity is failure and subsequent activity is success



Parameters Variables Settings **Output**

Pipeline run ID: **1129d663-066f-4e55-ae3-a7994503ea81** [🔍] [🔄] [📄]

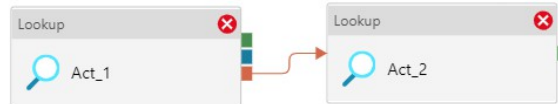
Name	Type	Run start	Duration	Status
Wait_1	Wait	2021-08-18T04:11:59.569	00:00:02	✔ Succeeded
Act_1	Lookup	2021-08-18T04:11:53.637	00:00:05	✘ Failed

Pipeline Outcome: **Success**

The above case is TRY-CATCH block :

- when Act_1 activity succeeds: the node activity, Upon Failure, is skipped and its parent node succeeds, so overall pipeline succeeds
- when Act_1 activity fails: the node activity, Upon Failure, enacted and overall pipeline succeeds if Upon Failure path succeeds

c) If initial activity is failure and subsequent activity is failure



Parameters Variables Settings **Output**

Pipeline run ID: **042985e6-85e3-4582-9588-6b1b8172366d** [a] [i] [r]

Name	Type	Run start	Duration	Status
Act_2	Lookup	2021-08-18T04:38:42.442	00:00:03	❌ Failed
Act_1	Lookup	2021-08-18T04:38:37.935	00:00:04	❌ Failed

Pipeline Outcome: **Failure**

3) Subsequent Activity with conditional path : Upon on Completion

a) If initial activity is Success and Subsequent activity is Success



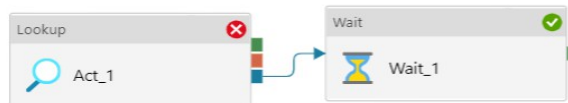
Parameters Variables Settings **Output**

Pipeline run ID: **1d5535ab-65fc-4cdc-9027-4c6a71b97029** [@@]

Name	Type	Run start	Duration	Status
Wait_1	Wait	2021-08-16T10:48:55.299	00:00:02	Succeeded
Act_1	Lookup	2021-08-16T10:48:51.940	00:00:03	Succeeded

Pipeline Outcome: **Success**

b) If initial activity is failure and subsequent activity is success



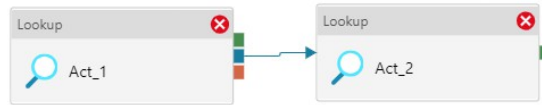
Parameters Variables Settings **Output**

Pipeline run ID: **e224268a-d4a7-45c2-b512-d70c32580e93** [@@]

Name	Type	Run start	Duration	Status
Wait_1	Wait	2021-08-16T10:49:48.006	00:00:02	Succeeded
Act_1	Lookup	2021-08-16T10:49:33.584	00:00:14	Failed

Pipeline Outcome: **Success**

c) If initial activity is failure and subsequent activity is failure



Parameters Variables Settings **Output**

Pipeline run ID: **3932026a-49be-4d47-ae40-da47b0fdb790** [🔗] 🔄 ⓘ

Name	Type	Run start	Duration	Status
Act_2	Lookup	2021-08-18T04:43:06.109	00:00:14	❌ Failed
Act_1	Lookup	2021-08-18T04:43:00.810	00:00:05	❌ Failed

Pipeline Outcome: **Failure**

d) If initial activity is Success and subsequent activity is failure



Parameters Variables Settings **Output**

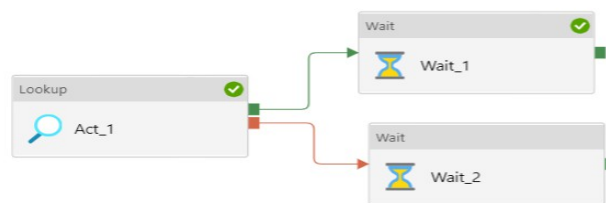
Pipeline run ID: **6b1312c3-0334-4c2e-a189-a67cf838033a** [🔗] 🔄 ⓘ

Name	Type	Run start	Duration	Status
Act_2	Lookup	2021-08-18T05:16:38.817	00:00:13	❌ Failed
Act_1	Lookup	2021-08-18T05:16:35.351	00:00:03	✅ Succeeded

Pipeline Outcome: **Failure**

4) Subsequent Activities with conditional paths : Upon on Success and Upon on Failure

- a) If initial activity and subsequent activity (Upon on Success) is success
Note: subsequent activity (Upon on Failure) is skipped as initial activity is Success



Parameters Variables Settings Output

Pipeline run ID: 5ad7bf6d-da79-474a-b6a6-73a58a97b057 [@] [refresh] [info]

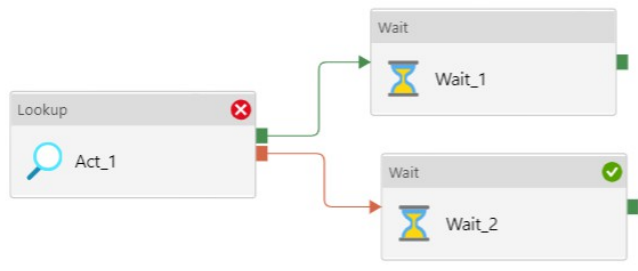
Name	Type	Run start	Duration	Status	
Wait_1	Wait	2021-08-16T10:14:09.949	00:00:02	✔ Succeeded	
Act_1	Lookup	2021-08-16T10:14:06.275	00:00:03	✔ Succeeded	[

Pipeline Outcome: **Success**

The above case is DO-IF-ELSE block :

- when Act_1 activity succeeds: one node activity, Upon Success, succeeded, and the other node activity, Upon Failure, is skipped and its parent node succeeds; so overall pipeline succeeds
- when Act_1 activity fails: one node activity, Upon Success, is skipped and its parent node failed; so overall pipeline failed

- b) If initial activity is failure and subsequent activity (Upon on Failure) is success
Note: subsequent activity (Upon on Success) is skipped as initial activity is Failure



Parameters Variables Settings **Output**

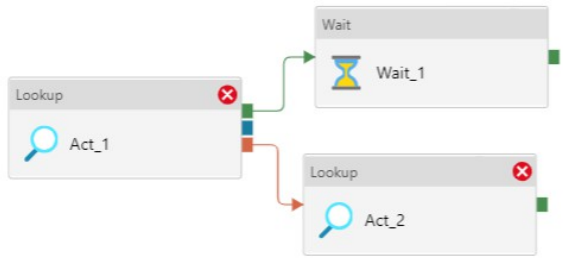
Pipeline run ID: **7e6e78e1-63bd-45a6-9e54-f6c0abc8ae43** [👤] 🔄 ⓘ

Name	Type	Run start	Duration	Status
Wait_2	Wait	2021-08-16T10:18:28.310	00:00:02	✅ Succeeded
Act_1	Lookup	2021-08-16T10:18:23.465	00:00:04	❌ Failed

Pipeline Outcome: **Failure**

c) If initial activity is Failure and subsequent activity (Upon on Failure) is Failure

Note: subsequent activity (Upon on Success) is skipped as initial activity is Failure



Parameters Variables Settings **Output**

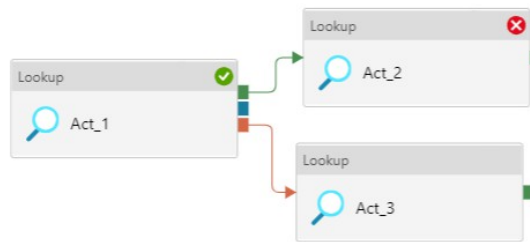
Pipeline run ID: **1ed6134a-55cb-4974-9077-7afef98a0ade** [👤] 🔄 ⓘ

Name	Type	Run start	Duration	Status
Act_2	Lookup	2021-08-18T04:51:43.029	00:00:04	❌ Failed
Act_1	Lookup	2021-08-18T04:51:29.007	00:00:14	❌ Failed

Pipeline Outcome: **Failure**

d) If initial activity is Success and subsequent activity (Upon on Success) is Failure

Note: subsequent activity (Upon on Failure) is skipped as initial activity is Success



Parameters Variables Settings **Output**

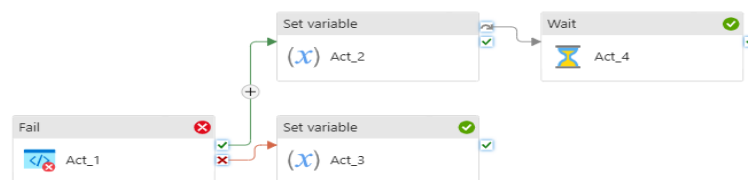
Pipeline run ID: **35e02a95-5898-462e-add0-e8916c8777d6** [🔗] [🔄] [📄]

Name	Type	Run start	Duration	Status
Act_2	Lookup	2021-08-18T05:22:00.061	00:00:04	❌ Failed
Act_1	Lookup	2021-08-18T05:21:55.818	00:00:03	✅ Succeeded

Pipeline Outcome: **Failure**

e) For Pipeline to be successful in case of # c), follow DO-IF-ELSE-SKIP scenario.

We can add a dummy activity which would be success on Skipping of True block activity.



Parameters Variables Settings **Output**

Pipeline run ID: **3cc12253-ccd5-49e3-88cd-86d4d1dfe7bb** [🔗] [🔄] [📄] Pipeline status: **✅ Succeeded**

All status ▾

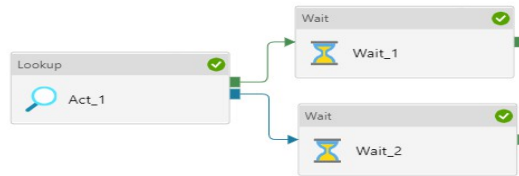
Showing 1 - 3 of 3 items

Activity name	Activity status	Activity type	Run start	Duration	Integration runtime
Act_4	✅ Succeeded	Wait	2/17/2024, 6:50:12 PM	2s	
Act_3	✅ Succeeded	Set variable	2/17/2024, 6:50:11 PM	Less than 1s	
Act_1	❌ Failed	Fail	2/17/2024, 6:50:11 PM	Less than 1s	

Pipeline Outcome: **Success**

5) Subsequent Activities with conditional paths : Upon on Success and Upon on Completion

- a) If initial activity and subsequent activity (Upon on Success) is success and subsequent activity (Upon on Completion) is success.

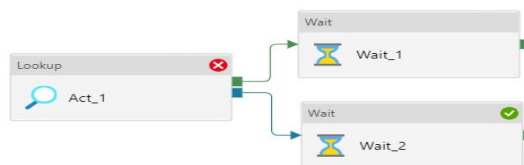


Name	Type	Run start	Duration	Status
Wait_1	Wait	2021-08-18T04:07:39.332	00:00:02	✔ Succeeded
Wait_2	Wait	2021-08-18T04:07:39.317	00:00:02	✔ Succeeded
Act_1	Lookup	2021-08-18T04:07:35.213	00:00:04	✔ Succeeded

Pipeline Outcome: **Success**

- b) If initial activity is failure and subsequent activity (Upon on Completion) is success

Note: subsequent activity (Upon on Success) is skipped as initial activity is Failure

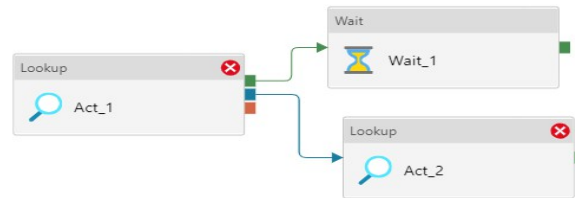


Name	Type	Run start	Duration	Status
Wait_2	Wait	2021-08-18T04:09:28.949	00:00:02	✔ Succeeded
Act_1	Lookup	2021-08-18T04:09:23.774	00:00:05	✘ Failed

Pipeline Outcome: **Failure**

c) If initial activity is Failure and subsequent activity (Upon on Completion) is Failure

Note: subsequent activity (Upon on Success) is skipped as initial activity is Failure



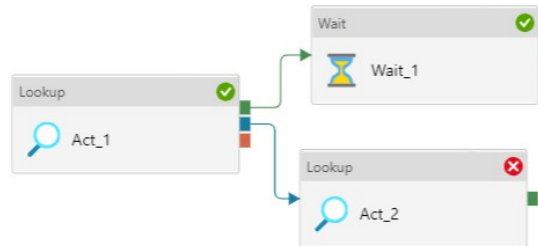
Parameters Variables Settings **Output**

Pipeline run ID: **59e97eba-b21f-4f9e-a7ea-a258e9f921f5** [@] [Refresh] [Info]

Name	Type	Run start	Duration	Status
Act_2	Lookup	2021-08-18T04:16:53.140	00:00:05	❌ Failed
Act_1	Lookup	2021-08-18T04:16:47.442	00:00:05	❌ Failed

Pipeline Outcome: **Failure**

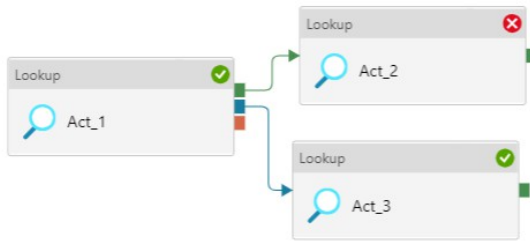
d) If initial activity is Success and {subsequent activity (Upon on Completion) OR/AND subsequent activity (Upon on Success) } is Failure



Parameters Variables Settings **Output**

Pipeline run ID: **00cfa6b-ce88-4f7a-95ad-5dba7d510838** [@] [Refresh] [Info]

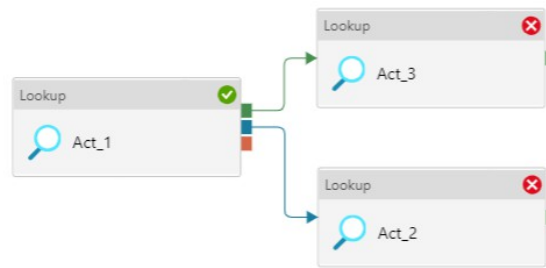
Name	Type	Run start	Duration	Status
Act_2	Lookup	2021-08-18T05:03:15.127	00:00:04	❌ Failed
Wait_1	Wait	2021-08-18T05:03:15.080	00:00:02	✅ Succeeded
Act_1	Lookup	2021-08-18T05:03:11.134	00:00:03	✅ Succeeded



Parameters Variables Settings Output

Pipeline run ID: **df10b5ed-8cda-43b4-914d-916abab574d7** [👤] 🔄 ⓘ

Name	Type	Run start	Duration	Status
Act_3	Lookup	2021-08-18T05:26:39.417	00:00:03	✔ Succeeded
Act_2	Lookup	2021-08-18T05:26:39.370	00:00:05	✘ Failed
Act_1	Lookup	2021-08-18T05:26:35.432	00:00:04	✔ Succeeded



Parameters Variables Settings Output

Pipeline run ID: **94952a4c-cc9d-42f2-8ed9-e6a1d6780428** [👤] 🔄 ⓘ

Name	Type	Run start	Duration	Status
Act_3	Lookup	2021-08-18T05:04:38.969	00:00:06	✘ Failed
Act_2	Lookup	2021-08-18T05:04:38.969	00:00:04	✘ Failed
Act_1	Lookup	2021-08-18T05:04:34.202	00:00:04	✔ Succeeded

Pipeline Outcome: **Failure**

6) Subsequent Activity with conditional path : Upon on Skipped

a) If initial activity is Success

Note: subsequent activity (Upon on Skipped) is skipped as initial activity is Success



Parameters Variables Settings **Output**

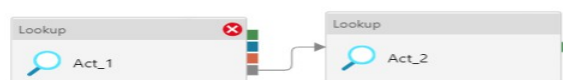
Pipeline run ID: **f1173070-fbb6-496c-90a0-0dd20561e0ce** [🔗] 🔄 ⓘ

Name	Type	Run start	Duration	Status
Act_1	Lookup	2021-08-18T05:36:54.163	00:00:04	✔ Succeeded

Pipeline Outcome: **Success**

b) If initial activity is Failure

Note: subsequent activity (Upon on Skipped) is skipped as initial activity is Failure



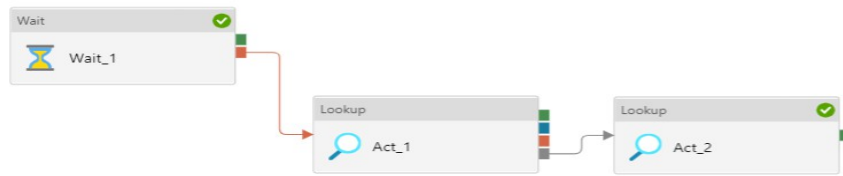
Parameters Variables Settings **Output**

Pipeline run ID: **5b8ef067-c655-41f1-96df-13ec5b77edb0** [🔗] 🔄 ⓘ

Name	Type	Run start	Duration	Status
Act_1	Lookup	2021-08-18T05:40:12.317	00:00:16	✘ Failed

Pipeline Outcome: **Failure**

c) If initial activity is Skipped **and** subsequent activity (Upon on Skipped) is Success



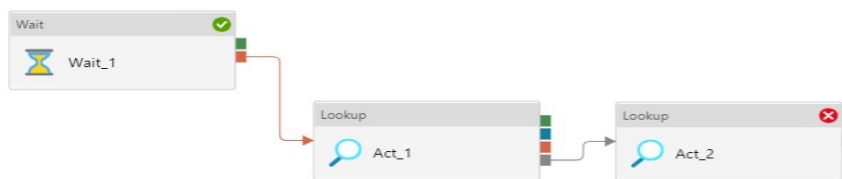
Parameters Variables Settings **Output**

Pipeline run ID: **54586c23-763a-4752-8e5d-7a929ee7ebdb** [🔗] [🔄] ⓘ

Name	Type	Run start	Duration	Status
Act_2	Lookup	2021-08-18T05:45:23.133	00:00:10	✔ Succeeded
Wait_1	Wait	2021-08-18T05:45:21.059	00:00:02	✔ Succeeded

Pipeline Outcome: **Success**

d) If initial activity is Skipped **and** subsequent activity (Upon on Skipped) is Failure



Parameters Variables Settings **Output**

Pipeline run ID: **eebe642a-907e-44de-9001-f0e6787ae7de** [🔗] [🔄] ⓘ

Name	Type	Run start	Duration	Status
Act_2	Lookup	2021-08-18T05:46:51.692	00:00:04	✘ Failed
Wait_1	Wait	2021-08-18T05:46:49.633	00:00:02	✔ Succeeded

Pipeline Outcome: **Failure**

7) Retry Attempt in Activity

a) If Retry attempt is 'N' and activity fails 'N-1' times and is Success on Nth attempt

Pipeline Outcome: **Success**

b) If Retry attempt is 'N' and activity fails 'N' times

Pipeline Outcome: **Failure**