Passing values from parent pipeline to child pipeline in Azure Data Factory

Asked 1 year, 5 months ago Active 1 year, 5 months ago Viewed 2k times



I'm pretty sure this is simple, but I can't seem to find this anywhere. I created a parameter in a parent pipeline (say the pipeline name is TestParent) in data factory:











This parent pipeline invokes a child pipeline. I want to reference this parameter in the child pipeline. What is the syntax to get the value of this parameter from the parent in the child?

azure azure-data-factory

edited Mar 24 '19 at 5:18

asked Mar 24 '19 at 3:11



1 Answer



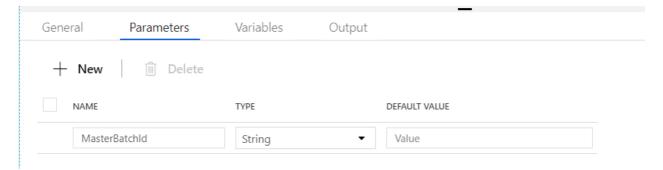


OK I finally got this to work:



I completely removed the parameter from the parent pipeline. In the child pipeline (which is called HubMaster) we create a parameter called MasterBatchId:





In the parent pipeline I created an <u>Execute pipeline</u> node called EP_HubMaster that calls a child pipeline called HubMaster. In order to populate the child pipeline parameter

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```
"name": "TestParent",
"properties": {
    "activities": [
            "name": "EP_HubMaster",
            "type": "ExecutePipeline",
            "typeProperties": {
                "pipeline": {
                    "referenceName": "HubMaster",
                    "type": "PipelineReference"
                "parameters": {
                    "MasterBatchId": {
                        "value": "@pipeline().RunId",
                        "type": "Expression"
                }
            }
        }
    ],
    "folder": {
        "name": "Master"
"type": "Microsoft.DataFactory/factories/pipelines"
```

You can see that we pass the <code>@pipeline().RunId</code> from the parent (which was the original intent) to the input parameter of <code>MasterBatchId</code> in the child pipeline.

edited Mar 24 '19 at 5:12

answered Mar 24 '19 at 5:05



Which means you need to edit the JSON file every time while you run it? How is it going to work in a CI/CD fashion? – Alex Raj Kaliamoorthy Jun 30 at 20:25

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