

# 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



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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:

General	Parameters	Variables	Output								
<div><div><div></div><div>New</div></div><div><div></div><div>Delete</div></div></div> <table><thead><tr><th><input type="checkbox"/></th><th>NAME</th><th>TYPE</th><th>DEFAULT VALUE</th></tr></thead><tbody><tr><td><input type="checkbox"/></td><td>MasterRunId</td><td>String</td><td>@pipeline().RunId</td></tr></tbody></table>				<input type="checkbox"/>	NAME	TYPE	DEFAULT VALUE	<input type="checkbox"/>	MasterRunId	String	@pipeline().RunId
<input type="checkbox"/>	NAME	TYPE	DEFAULT VALUE								
<input type="checkbox"/>	MasterRunId	String	@pipeline().RunId								

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



[jymbo](#)

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## 1 Answer

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OK I finally got this to work:

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



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<div><div><div></div><div>New</div></div><div><div></div><div>Delete</div></div></div> <table><thead><tr><th><input type="checkbox"/></th><th>NAME</th><th>TYPE</th><th>DEFAULT VALUE</th></tr></thead><tbody><tr><td><input type="checkbox"/></td><td>MasterBatchId</td><td>String</td><td>Value</td></tr></tbody></table>				<input type="checkbox"/>	NAME	TYPE	DEFAULT VALUE	<input type="checkbox"/>	MasterBatchId	String	Value
<input type="checkbox"/>	NAME	TYPE	DEFAULT VALUE								
<input type="checkbox"/>	MasterBatchId	String	Value								

In the parent pipeline I created an [Execute pipeline](#) 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 `@pipeline().RunId` from the parent (which was the original intent) to the input parameter of `MasterBatchId` in the child pipeline.

edited Mar 24 '19 at 5:12

answered Mar 24 '19 at 5:05



[jymbo](#)

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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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