

Batch Execution API Documentation for Boosted-Decision-Tree-Retrain

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No description provided for this web service.

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Submit (but not start) a Batch Execution job

Request

Method	Request URI	HTTP Version
POST	<code>https://ussouthcentral.services.azureml.net/workspaces/f4a5c63f0e6a40e2a8b4244226a5c91f/services/3ab4bbca4a2c498cbbd5186558625f02/jobs?api-version=2.0</code>	HTTP/1.1

Request Headers

Request Header	Description
<i>Authorization:Bearer abc123</i>	Required. Pass the API Key here. Obtain this key from the publisher of the API.
<i>Content-Length</i>	Required. The length of the content body.
<i>Content-Type:application/json</i>	Required if the request body is sent in JSON format.

Sample Request Payload

```
{ "GlobalParameters": { "Data source URL": "" }, "Outputs": { "output2": { "ConnectionString":  
"DefaultEndpointsProtocol=https;AccountName=mystorageacct;AccountKey=Dx9WbMITHAv-  
XRQWap/aLnxT9LV5txxw==", "RelativeLocation": "mycontainer/output2results.csv" } } }
```

Response

Status Code

A successful operation returns status code 200 (OK)

For information about error codes, see [Common REST API Errors Codes](#)

Response Headers

The response may include standard HTTP headers. All standard headers conform to the [HTTP/1.1 protocol specification](#)

Response Header	Description
<i>Content-Type:application/json</i>	Indicates that the content body is in json format.

Sample Response Payload

```
"539d0bc2fde945b6ac986b851d0000f0"
```

Start a Batch Execution job

Request

Method	Request URI	HTTP Version
POST	<code>https://ussouthcentral.services.azureml.net/workspaces/f4a5c63f0e6a40e2a8b4244226a5c91f/services/3ab4bbca4a2c498cbbd5186558625f02/jobs/job_id/start?api-version=2.0</code>	HTTP/1.1

Request Headers

Request Header	Description
<i>Authorization:Bearer abc123</i>	Required. Pass the API Key here. Obtain this key from the publisher of the API.

Response

Status Code

A successful operation returns status code 200 (OK)

For information about error codes, see [Common REST API Errors Codes](#)

Get the status or result of a Batch Execution job

Request

Method	Request URI	HTTP Version
GET	<code>https://ussouthcentral.services.azureml.net/workspaces/f4a5c63f0e6a40e2a8b4244226a5c91f/services/3ab4bbca4a2c498cbbd5186558625f02/jobs/job_id?api-version=2.0</code>	HTTP/1.1

Request Headers

Request Header	Description
<i>Authorization:Bearer abc123</i>	Required. Pass the API Key here. Obtain this key from the publisher of the API.
<i>Content-Length</i>	0

Response

Status Code

A successful operation returns status code 200 (OK)

For information about error codes, see [Common REST API Errors Codes](#)

Response Headers

The response may include standard HTTP headers. All standard headers conform to the [HTTP/1.1 protocol specification](#)

Response Header	Description
<i>Content-Type:application/json</i>	Indicates that the content body is in json format.

Response Payload

```
{ "StatusCode":STATUS_CODE, "Result":RESULT, "Details":DETAILS }
```

StatusCode may have one of the following values

Value	Description
0 or NotStarted	Not started
1 or Running	Running
2 or Failed	Failed
3 or Cancelled	Cancelled
4 or Finished	Finished

Details shows the error details, if any

Sample Response Payload, if job is not started

```
{}
```

Sample Response Payload, if job is finished

```
{
  "StatusCode": 4,
  "Results": {
    "output2": {
      "RelativeLocation": "mycontainer/output2results.csv",
      "BaseLocation": "https://mystorageacct.blob.core.windows.net/",
      "SasBlobToken": "?sv=yyyy-mm-dd&sr=c&sig=somesignature&st=yyyy-mm-ddT20%3A31%3A40Z"
    }
  }
}
```

Delete a Batch Execution job

Request

Method	Request URI	HTTP Version
DELETE	https://ussouthcentral.services.azureml.net/workspaces/f4a5c63f0e6a40e2a8b4244226a5c91f/services/3ab4bbca4a2c498cbbd5186558625f02/jobs/job_id	HTTP/1.1

Request Headers

Request Header	Description
Authorization:Bearer abc123	Required. Pass the API Key here. Obtain this key from the publisher of the API.
Content-Length	0

Response

Status Code

A successful operation returns status code 204 (No Content)

For information about error codes, see [Common REST API Errors Codes](#)

Response Headers

The response may include standard HTTP headers. All standard headers conform to the [HTTP/1.1 protocol specification](#)

Response Header	Description
Content-Length:0	Indicates an empty response.

Web Service Parameters

Name	Type	Default value	Description	Allowed values
Data source URL	String			

Sample Code

C#	Python	R	
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```
# How this works:
#
# 1. Assume the input is present in a local file (if the web service accepts input)
# 2. Upload the file to an Azure blob - you'd need an Azure storage account
# 3. Call BES to process the data in the blob.
# 4. The results get written to another Azure blob.

# 5. Download the output blob to a local file
#
# Note: You may need to download/install the Azure SDK for Python.
# See: http://azure.microsoft.com/en-us/documentation/articles/python-how-to-install/

import urllib2
# If you are using Python 3+, import urllib instead of urllib2

import json
import time
from azure.storage.blob import *

def printHttpError(httpError):
    print("The request failed with status code: " + str(httpError.code))

    # Print the headers - they include the request ID and the timestamp, which are useful
    print(httpError.info())

    print(json.loads(httpError.read()))
    return
```