Cloud AutoML Vision Object Detection

Getting an operation's status

Several operations you request are long-running, such as model training, file import into a dataset, and model deletion. These types of requests will return a JSON with an operation ID that you can use to get the status of the operation.

For example, a model training request returns the following JSON:

```
{
  "name": "projects/project-id/locations/us-central1/operations/IOD3074819451447
  "metadata": {
    "@type": "type.googleapis.com/google.cloud.automl.v1.OperationMetadata",
    "createTime": "2019-07-26T21:10:18.338846Z",
    "updateTime": "2019-07-26T21:10:18.338846Z",
    "createModelDetails": {}
  }
}
```

In this case, the operation ID is `IOD3074819451447672458`. The following samples show how to get the status of this operation with this ID.

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Before using any of the request data below, make the following replacements:

- **project-id**: your GCP project ID.
- **operation-id**: the ID of your operation. The ID is the last element of the name of your operation. For example:
    - operation name: `projects/project-id/locations/location-id/operations/IOD5281059901324392598`
    - operation id: `IOD5281059901324392598`

HTTP method and URL:

```
GET https://automl.googleapis.com/v1/projects/project-id/locations/us-central1/ope
```

To send your request, choose one of these options:

CURL   **POWERSHELL**

Note: Ensure you have set the **GOOGLE_APPLICATION_CREDENTIALS**
(https://cloud.google.com/docs/authentication/production) environment variable to your service
account private key file path.

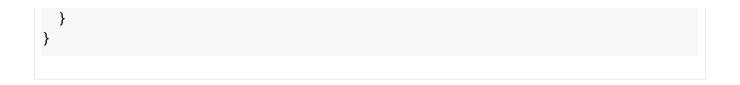Execute the following command:

```
curl -X GET \
-H "Authorization: Bearer "$(gcloud auth application-default print-access-token)
https://automl.googleapis.com/v1/projects/project-id/locations/us-central1/opera
```

You should see output similar to the following for a completed **import operation**:

```
{
  "name": "projects/project-id/locations/us-central1/operations/operation-id",
  "metadata": {
    "@type": "type.googleapis.com/google.cloud.automl.v1.OperationMetadata",
    "createTime": "2018-10-29T15:56:29.176485Z",
    "updateTime": "2018-10-29T16:10:41.326614Z",
    "importDataDetails": {}
  },
  "done": true,
  "response": {
    "@type": "type.googleapis.com/google.protobuf.Empty"
  }
}
```

You should see output similar to the following for a completed **create model operation**:

```
{
  "name": "projects/project-id/locations/us-central1/operations/operation-id",
  "metadata": {
    "@type": "type.googleapis.com/google.cloud.automl.v1.OperationMetadata",
    "createTime": "2019-07-22T18:35:06.881193Z",
    "updateTime": "2019-07-22T19:58:44.972235Z",
    "createModelDetails": {}
  },
  "done": true,
  "response": {
    "@type": "type.googleapis.com/google.cloud.automl.v1.Model",
    "name": "projects/project-id/locations/us-central1/models/model-id"
```

```
    }
}
```