

[Cloud Vision API Product Search](#)

Method: images.asyncBatchAnnotate

Run asynchronous image detection and annotation for a list of images.

Progress and results can be retrieved through the `google.longrunning.Operations` interface. `Operation.metadata` contains `OperationMetadata` (metadata). `Operation.response` contains `AsyncBatchAnnotateImagesResponse` (results).

This service will write image annotation outputs to json files in customer Google Cloud Storage bucket, each json file containing `BatchAnnotateImagesResponse` proto.

HTTP request

POST <https://vision.googleapis.com/v1/images:asyncBatchAnnotate>

The URL uses [gRPC Transcoding](#)

(<https://github.com/googleapis/googleapis/blob/master/google/api/http.proto>) syntax.

Request body

The request body contains data with the following structure:

JSON representation

```
{
  "requests": [
    {
      object (AnnotateImageRequest (https://cloud.google.com/vision/product-search/docs/reference/rest/v1/AnnotateImageRequest))
    }
  ],
  "outputConfig": {
    object (OutputConfig (https://cloud.google.com/vision/product-search/docs/reference/rest/v1/OutputConfig))
  },
  "parent": string
}
```

Fields

Fields	
requests[]	<p>object (AnnotateImageRequest (https://cloud.google.com/vision/product-search/docs/reference/rest/v1/AnnotateImageRequest))</p> <p>Required. Individual image annotation requests for this batch.</p>
outputConfig	<p>object (OutputConfig (https://cloud.google.com/vision/product-search/docs/reference/rest/v1/OutputConfig))</p> <p>Required. The desired output location and metadata (e.g. format).</p>
parent	<p>string</p> <p>Optional. Target project and location to make a call.</p> <p>Format: projects/{project-id}/locations/{location-id}.</p> <p>If no parent is specified, a region will be chosen automatically.</p> <p>Supported location-ids: us: USA country only, asia: East asia areas, like Japan, Taiwan, eu: The European Union.</p> <p>Example: projects/project-A/locations/eu.</p>

Response body

If successful, the response body contains an instance of **Operation**
(<https://cloud.google.com/vision/product-search/docs/reference/rest/v1/locations.operations#Operation>)

Authorization Scopes

Requires one of the following OAuth scopes:

- <https://www.googleapis.com/auth/cloud-platform>
- <https://www.googleapis.com/auth/cloud-vision>

For more information, see the [Authentication Overview](#)

(<https://cloud.google.com/docs/authentication/>).

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