

[Cloud Vision API Product Search](#)

# Method: projects.locations.images.asyncBatchAnnota...

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/{parent=projects/*/locations/*}/images:asyncBatchAnnotate`

The URL uses [gRPC Transcoding](#)

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

## Path parameters

### Parameters

<b>parent</b>	<b>string</b>  Optional. Target project and location to make a call.  Format: <code>projects/{project-id}/locations/{location-id}</code> .  If no parent is specified, a region will be chosen automatically.  Supported location-ids: <b>us</b> : USA country only, <b>asia</b> : East asia areas, like Japan, Taiwan, <b>eu</b> : The European Union.  Example: <code>projects/project-A/locations/eu</code> .
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## 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))
  }
}
```

### Fields

<code>requests[]</code>	<p>object (<a href="https://cloud.google.com/vision/product-search/docs/reference/rest/v1/AnnotateImageRequest">AnnotateImageRequest</a> (https://cloud.google.com/vision/product-search/docs/reference/rest/v1/AnnotateImageRequest))</p> <p>Required. Individual image annotation requests for this batch.</p>
<code>outputConfig</code>	<p>object (<a href="https://cloud.google.com/vision/product-search/docs/reference/rest/v1/OutputConfig">OutputConfig</a> (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>

## 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) (https://cloud.google.com/vision/product-search/docs/reference/rest/v1/locations.operations#Operation)

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## 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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