

[Cloud Vision API Product Search](#)

# Method: files.asyncBatchAnnotate

Run asynchronous image detection and annotation for a list of generic files, such as PDF files, which may contain multiple pages and multiple images per page. Progress and results can be retrieved through the `google.longrunning.Operations` interface. `Operation.metadata` contains `OperationMetadata` (metadata). `Operation.response` contains `AsyncBatchAnnotateFilesResponse` (results).

## HTTP request

POST <https://vision.googleapis.com/v1/files: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 (AsyncAnnotateFileRequest)
    }
  ],
  "parent": string
}
```

### Fields

<code>requests[]</code>	<code>object (<a href="https://cloud.google.com/vision/product-search/docs/reference/rest/v1/AsyncAnnotateFileRequest">AsyncAnnotateFileRequest</a>)</code> Required. Individual async file annotation requests for this batch.
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## Fields

**parent**

**string**

Optional. Target project and location to make a call.

Format: `projects/{project-id}/locations/{location-id}`.

If no parent is specified, a region will be chosen automatically.

Supported location-ids: **us**: USA country only, **asia**: East asia areas, like Japan, Taiwan, **eu**: The European Union.

Example: `projects/project-A/locations/eu`.

## 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>)

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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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