

[Cloud Vision API Product Search](#)

# Method: projects.files.annotate

Service that performs image detection and annotation for a batch of files. Now only "application/pdf", "image/tiff" and "image/gif" are supported.

This service will extract at most 5 (customers can specify which 5 in AnnotateFileRequest.pages) frames (gif) or pages (pdf or tiff) from each file provided and perform detection and annotation for each image extracted.

## HTTP request

**POST** `https://vision.googleapis.com/v1/{parent=projects/*/}/files:annotate`

The URL uses [gRPC Transcoding](#)

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

## Path parameters

### Parameters

**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`.

## Request body

The request body contains data with the following structure:

## JSON representation

```
{
  "requests": [
    {
      object (AnnotateFileRequest (https://cloud.google.com/vision/product-search/docs/reference
    )
  ]
}
```

## Fields

<code>requests[]</code>	<b>object (<a href="https://cloud.google.com/vision/product-search/docs/reference/rest/v1/AnnotateFileRequest">AnnotateFileRequest</a> (https://cloud.google.com/vision/product-search/docs/reference/rest/v1/AnnotateFileRequest))</b>  Required. The list of file annotation requests. Right now we support only one <code>AnnotateFileRequest</code> in <code>BatchAnnotateFilesRequest</code> .
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## Response body

If successful, the response body contains an instance of [BatchAnnotateFilesResponse](https://cloud.google.com/vision/product-search/docs/reference/rest/v1/BatchAnnotateFilesResponse) (https://cloud.google.com/vision/product-search/docs/reference/rest/v1/BatchAnnotateFilesResponse).

## 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/)

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

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