<u>Cloud Vision API Product Search</u>

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/v1p4beta1/files:asyncBatchAnnotate`

The URL uses <u>gRPC Transcoding</u>
 (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

<pre>{
  "requests": [
    {
      object (<u>AsyncAnnotateFileRequest</u> (https://cloud.google.com/vision/product-search/docs/ref
    }
  ]
}</pre>

Fields	
`requests[]`	object (<u>AsyncAnnotateFileRequest</u> (https://cloud.google.com/vision/product-search/docs/reference/rest/v1p4beta1/files/asyncBatchAnnotate#AsyncAnnotateFileRequest)) Individual async file annotation requests for this batch.

Response body

If successful, the response body contains an instance of <u>Operation</u>
(https://cloud.google.com/vision/product-search/docs/reference/rest/Shared.Types/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 <u>Authentication Overview</u>
(https://cloud.google.com/docs/authentication/).

AsyncAnnotateFileRequest

An offline file annotation request.

JSON representation

```
{
  "inputConfig": {
    object (InputConfig (https://cloud.google.com/vision/product-search/docs/reference/rest/v1p4be
  },
  "features": [
    {
      object (Feature (https://cloud.google.com/vision/product-search/docs/reference/rest/v1p4beta
    }
  ],
  "imageContext": {
    object (ImageContext (https://cloud.google.com/vision/product-search/docs/reference/rest/v1p4b
  },
  "outputConfig": {
    object (OutputConfig (https://cloud.google.com/vision/product-search/docs/reference/rest/v1p4b
  }
}
```

Fields

Fields	
`inputConfig`	object (InputConfig (https://cloud.google.com/vision/product-search/docs/reference/rest/v1p4beta1/InputConfig)) Required. Information about the input file.
`features[]`	object (Feature (https://cloud.google.com/vision/product-search/docs/reference/rest/v1p4beta1/Feature)) Required. Requested features.
`imageContext`	object (ImageContext (https://cloud.google.com/vision/product-search/docs/reference/rest/v1p4beta1/ImageContext)) Additional context that may accompany the image(s) in the file.
`outputConfig`	object (OutputConfig (https://cloud.google.com/vision/product-search/docs/reference/rest/v1p4beta1/OutputConfig)) Required. The desired output location and metadata (e.g. format).