

[Cloud Vision API Product Search](#)

Cloud Vision API

Integrates Google Vision features, including image labeling, face, logo, and landmark detection, optical character recognition (OCR), and detection of explicit content, into applications.

Service: vision.googleapis.com

The Service name `vision.googleapis.com` is needed to create RPC client stubs.

[google.cloud.vision.v1.ImageAnnotator](#)

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1#google.cloud.vision.v1.ImageAnnotator>)

Methods

[AsyncBatchAnnotateFiles](#)

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1#google.cloud.vision.v1.ImageAnnotator.AsyncBatchAnnotateFiles>)

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.

[AsyncBatchAnnotateImages](#)

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1#google.cloud.vision.v1.ImageAnnotator.AsyncBatchAnnotateImages>)

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

[BatchAnnotateFiles](#)

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1#google.cloud.vision.v1.ImageAnnotator.BatchAnnotateFiles>)

Service that performs image detection and annotation for a batch of files.

[BatchAnnotateImages](#)

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1#google.cloud.vision.v1.ImageAnnotator.BatchAnnotateImages>)

Run image detection and annotation for a batch of images.

google.cloud.vision.v1.ProductSearch

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1#google.cloud.vision.v1.ProductSearch>)

Methods

AddProductToProductSet

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1#google.cloud.vision.v1.ProductSearch.AddProductToProductSet>)

Adds a Product to the specified ProductSet.

CreateProduct

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1#google.cloud.vision.v1.ProductSearch.CreateProduct>)

Creates and returns a new product resource.

CreateProductSet

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1#google.cloud.vision.v1.ProductSearch.CreateProductSet>)

Creates and returns a new ProductSet resource.

CreateReferenceImage

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1#google.cloud.vision.v1.ProductSearch.CreateReferenceImage>)

Creates and returns a new ReferenceImage resource.

DeleteProduct

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1#google.cloud.vision.v1.ProductSearch.DeleteProduct>)

Permanently deletes a product and its reference images.

DeleteProductSet

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1#google.cloud.vision.v1.ProductSearch.DeleteProductSet>)

Permanently deletes a ProductSet.

DeleteReferenceImage

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1#google.cloud.vision.v1.ProductSearch.DeleteReferenceImage>)

Permanently deletes a reference image.

Methods

GetProduct

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1#google.cloud.vision.v1.ProductSearch.GetProduct>)

Gets information associated with a Product.

GetProductSet

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1#google.cloud.vision.v1.ProductSearch.GetProductSet>)

Gets information associated with a ProductSet.

GetReferenceImage

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1#google.cloud.vision.v1.ProductSearch.GetReferenceImage>)

Gets information associated with a ReferenceImage.

ImportProductSets

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1#google.cloud.vision.v1.ProductSearch.ImportProductSets>)

Asynchronous API that imports a list of reference images to specified product sets based on a list of image information.

ListProductSets

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1#google.cloud.vision.v1.ProductSearch.ListProductSets>)

Lists ProductSets in an unspecified order.

ListProducts

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1#google.cloud.vision.v1.ProductSearch.ListProducts>)

Lists products in an unspecified order.

ListProductsInProductSet

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1#google.cloud.vision.v1.ProductSearch.ListProductsInProductSet>)

Lists the Products in a ProductSet, in an unspecified order.

ListReferenceImages

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1#google.cloud.vision.v1.ProductSearch.ListReferenceImages>)

Lists reference images.

Methods

PurgeProducts

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1#google.cloud.vision.v1.ProductSearch.PurgeProducts>)

Asynchronous API to delete all Products in a ProductSet or all Products that are no ProductSet.

RemoveProductFromProductSet

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1#google.cloud.vision.v1.ProductSearch.RemoveProductFromProductSet>)

Removes a Product from the specified ProductSet.

UpdateProduct

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1#google.cloud.vision.v1.ProductSearch.UpdateProduct>)

Makes changes to a Product resource.

UpdateProductSet

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1#google.cloud.vision.v1.ProductSearch.UpdateProductSet>)

Makes changes to a ProductSet resource.

google.cloud.vision.v1p3beta1.ImageAnnotator

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p3beta1#google.cloud.vision.v1p3beta1.ImageAnnotator>)

Methods

AsyncBatchAnnotateFiles

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p3beta1#google.cloud.vision.v1p3beta1.ImageAnnotator.AsyncBatchAnnotateFiles>)

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.

AsyncBatchAnnotateImages

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p3beta1#google.cloud.vision.v1p3beta1.ImageAnnotator.AsyncBatchAnnotateImages>)

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

Methods

BatchAnnotateFiles

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p3beta1#google.cloud.vision.v1p3beta1.ImageAnnotator.BatchAnnotateFiles>)

Service that performs image detection and annotation for a batch of files.

BatchAnnotateImages

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p3beta1#google.cloud.vision.v1p3beta1.ImageAnnotator.BatchAnnotateImages>)

Run image detection and annotation for a batch of images.

google.cloud.vision.v1p3beta1.ProductSearch

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p3beta1#google.cloud.vision.v1p3beta1.ProductSearch>)

Methods

AddProductToProductSet

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p3beta1#google.cloud.vision.v1p3beta1.ProductSearch.AddProductToProductSet>)

Adds a Product to the specified ProductSet.

CreateProduct

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p3beta1#google.cloud.vision.v1p3beta1.ProductSearch.CreateProduct>)

Creates and returns a new product resource.

CreateProductSet

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p3beta1#google.cloud.vision.v1p3beta1.ProductSearch.CreateProductSet>)

Creates and returns a new ProductSet resource.

CreateReferenceImage

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p3beta1#google.cloud.vision.v1p3beta1.ProductSearch.CreateReferenceImage>)

Creates and returns a new ReferenceImage resource.

Methods

DeleteProduct

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p3beta1#google.cloud.vision.v1p3beta1.ProductSearch.DeleteProduct>)

Permanently deletes a product and its reference images.

DeleteProductSet

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p3beta1#google.cloud.vision.v1p3beta1.ProductSearch.DeleteProductSet>)

Permanently deletes a ProductSet.

DeleteReferenceImage

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p3beta1#google.cloud.vision.v1p3beta1.ProductSearch.DeleteReferenceImage>)

Permanently deletes a reference image.

GetProduct

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p3beta1#google.cloud.vision.v1p3beta1.ProductSearch.GetProduct>)

Gets information associated with a Product.

GetProductSet

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p3beta1#google.cloud.vision.v1p3beta1.ProductSearch.GetProductSet>)

Gets information associated with a ProductSet.

GetReferenceImage

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p3beta1#google.cloud.vision.v1p3beta1.ProductSearch.GetReferenceImage>)

Gets information associated with a ReferenceImage.

ImportProductSets

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p3beta1#google.cloud.vision.v1p3beta1.ProductSearch.ImportProductSets>)

Asynchronous API that imports a list of reference images to specified product sets based on a list of image information.

ListProductSets

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p3beta1#google.cloud.vision.v1p3beta1.ProductSearch.ListProductSets>)

Lists ProductSets in an unspecified order.

Methods

ListProducts

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p3beta1#google.cloud.vision.v1p3beta1.ProductSearch.ListProducts>)

Lists products in an unspecified order.

ListProductsInProductSet

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p3beta1#google.cloud.vision.v1p3beta1.ProductSearch.ListProductsInProductSet>)

Lists the Products in a ProductSet, in an unspecified order.

ListReferenceImages

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p3beta1#google.cloud.vision.v1p3beta1.ProductSearch.ListReferenceImages>)

Lists reference images.

PurgeProducts

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p3beta1#google.cloud.vision.v1p3beta1.ProductSearch.PurgeProducts>)

Asynchronous API to delete all Products in a ProductSet or all Products that are in no ProductSet.

RemoveProductFromProductSet

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p3beta1#google.cloud.vision.v1p3beta1.ProductSearch.RemoveProductFromProductSet>)

Removes a Product from the specified ProductSet.

UpdateProduct

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p3beta1#google.cloud.vision.v1p3beta1.ProductSearch.UpdateProduct>)

Makes changes to a Product resource.

UpdateProductSet

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p3beta1#google.cloud.vision.v1p3beta1.ProductSearch.UpdateProductSet>)

Makes changes to a ProductSet resource.

google.cloud.vision.v1p4beta1.ImageAnnotator

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p4beta1#google.cloud.vision.v1p4beta1.ImageAnnotator>)

Methods

AsyncBatchAnnotateFiles

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p4beta1#google.cloud.vision.v1p4beta1.ImageAnnotator.AsyncBatchAnnotateFiles>)

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.

AsyncBatchAnnotateImages

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p4beta1#google.cloud.vision.v1p4beta1.ImageAnnotator.AsyncBatchAnnotateImages>)

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

BatchAnnotateFiles

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p4beta1#google.cloud.vision.v1p4beta1.ImageAnnotator.BatchAnnotateFiles>)

Service that performs image detection and annotation for a batch of files.

BatchAnnotateImages

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p4beta1#google.cloud.vision.v1p4beta1.ImageAnnotator.BatchAnnotateImages>)

Run image detection and annotation for a batch of images.

google.cloud.vision.v1p4beta1.ProductSearch

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p4beta1#google.cloud.vision.v1p4beta1.ProductSearch>)

Methods

AddProductToProductSet

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p4beta1#google.cloud.vision.v1p4beta1.ProductSearch.AddProductToProductSet>)

Adds a Product to the specified ProductSet.

CreateProduct

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p4beta1#google.cloud.vision.v1p4beta1.ProductSearch.CreateProduct>)

Creates and returns a new product resource.

Methods

CreateProductSet

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p4beta1#google.cloud.vision.v1p4beta1.ProductSearch.CreateProductSet>)

Creates and returns a new ProductSet resource.

CreateReferenceImage

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p4beta1#google.cloud.vision.v1p4beta1.ProductSearch.CreateReferenceImage>)

Creates and returns a new ReferenceImage resource.

DeleteProduct

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p4beta1#google.cloud.vision.v1p4beta1.ProductSearch.DeleteProduct>)

Permanently deletes a product and its reference images.

DeleteProductSet

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p4beta1#google.cloud.vision.v1p4beta1.ProductSearch.DeleteProductSet>)

Permanently deletes a ProductSet.

DeleteReferenceImage

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p4beta1#google.cloud.vision.v1p4beta1.ProductSearch.DeleteReferenceImage>)

Permanently deletes a reference image.

GetProduct

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p4beta1#google.cloud.vision.v1p4beta1.ProductSearch.GetProduct>)

Gets information associated with a Product.

GetProductSet

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p4beta1#google.cloud.vision.v1p4beta1.ProductSearch.GetProductSet>)

Gets information associated with a ProductSet.

GetReferenceImage

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p4beta1#google.cloud.vision.v1p4beta1.ProductSearch.GetReferenceImage>)

Gets information associated with a ReferenceImage.

Methods

ImportProductSets

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p4beta1#google.cloud.vision.v1p4beta1.ProductSearch.ImportProductSets>)

Asynchronous API that imports a list of reference images to specified product sets based on a list of image information.

ListProductSets

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p4beta1#google.cloud.vision.v1p4beta1.ProductSearch.ListProductSets>)

Lists ProductSets in an unspecified order.

ListProducts

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p4beta1#google.cloud.vision.v1p4beta1.ProductSearch.ListProducts>)

Lists products in an unspecified order.

ListProductsInProductSet

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p4beta1#google.cloud.vision.v1p4beta1.ProductSearch.ListProductsInProductSet>)

Lists the Products in a ProductSet, in an unspecified order.

ListReferenceImages

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p4beta1#google.cloud.vision.v1p4beta1.ProductSearch.ListReferenceImages>)

Lists reference images.

PurgeProducts

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p4beta1#google.cloud.vision.v1p4beta1.ProductSearch.PurgeProducts>)

Asynchronous API to delete all Products in a ProductSet or all Products that are in no ProductSet.

RemoveProductFromProductSet

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p4beta1#google.cloud.vision.v1p4beta1.ProductSearch.RemoveProductFromProductSet>)

Removes a Product from the specified ProductSet.

UpdateProduct

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p4beta1#google.cloud.vision.v1p4beta1.ProductSearch.UpdateProduct>)

Makes changes to a Product resource.

Methods

UpdateProductSet

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.cloud.vision.v1p4beta1#google.cloud.vision.v1p4beta1.ProductSearch.UpdateProductSet>)

Makes changes to a ProductSet resource.

google.longrunning.Operations

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.longrunning#google.longrunning.Operations>)

Methods

GetOperation

(<https://cloud.google.com/vision/product-search/docs/reference/rpc/google.longrunning#google.longrunning.Operations.GetOperation>)

Gets the latest state of a long-running operation.

Except as otherwise noted, the content of this page is licensed under the [Creative Commons Attribution 4.0 License](https://creativecommons.org/licenses/by/4.0/) (<https://creativecommons.org/licenses/by/4.0/>), and code samples are licensed under the [Apache 2.0 License](https://www.apache.org/licenses/LICENSE-2.0) (<https://www.apache.org/licenses/LICENSE-2.0>). For details, see our [Site Policies](https://developers.google.com/terms/site-policies) (<https://developers.google.com/terms/site-policies>). Java is a registered trademark of Oracle and/or its affiliates.

Last updated September 17, 2019.