

[Cloud Vision API Product Search](#)

ImageContext

Image context and/or feature-specific parameters.

JSON representation

```
{
  "latLongRect": {
    object (LatLongRect (https://cloud.google.com/vision/product-search/docs/reference/rest/v1/ImageContext#LatLongRect))
  },
  "languageHints": [
    string
  ],
  "cropHintsParams": {
    object (CropHintsParams (https://cloud.google.com/vision/product-search/docs/reference/rest/v1/ImageContext#CropHintsParams))
  },
  "productSearchParams": {
    object (ProductSearchParams (https://cloud.google.com/vision/product-search/docs/reference/rest/v1/ImageContext#ProductSearchParams))
  },
  "webDetectionParams": {
    object (WebDetectionParams (https://cloud.google.com/vision/product-search/docs/reference/rest/v1/ImageContext#WebDetectionParams))
  }
}
```

Fields

latLongRect	object (LatLongRect (https://cloud.google.com/vision/product-search/docs/reference/rest/v1/ImageContext#LatLongRect)) Not used.
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Fields

languageHints[]	<p>string</p> <p>List of languages to use for TEXT_DETECTION. In most cases, an empty value yields the best results since it enables automatic language detection. For languages based on the Latin alphabet, setting languageHints is not needed. In rare cases, when the language of the text in the image is known, setting a hint will help get better results (although it will be a significant hindrance if the hint is wrong). Text detection returns an error if one or more of the specified languages is not one of the supported languages (https://cloud.google.com/vision/docs/languages).</p>
cropHintsParams	<p>object (CropHintsParams)</p> <p>Parameters for crop hints annotation request.</p>
productSearchParams	<p>object (ProductSearchParams)</p> <p>Parameters for product search.</p>
webDetectionParams	<p>object (WebDetectionParams)</p> <p>Parameters for web detection.</p>

LatLngRect

Rectangle determined by min and max **LatLng** pairs.

JSON representation

JSON representation

```
{
  "minLatLng": {
    object (LatLng (https://cloud.google.com/vision/product-search/docs/reference/rest/v1/LatLng))
  },
  "maxLatLng": {
    object (LatLng (https://cloud.google.com/vision/product-search/docs/reference/rest/v1/LatLng))
  }
}
```

Fields

minLatLng	object (LatLng (https://cloud.google.com/vision/product-search/docs/reference/rest/v1/LatLng)) Min lat/long pair.
maxLatLng	object (LatLng (https://cloud.google.com/vision/product-search/docs/reference/rest/v1/LatLng)) Max lat/long pair.

CropHintsParams

Parameters for crop hints annotation request.

JSON representation

```
{
  "aspectRatios": [
    number
  ]
}
```

Fields

Fields

aspectRatios[]	number
	Aspect ratios in floats, representing the ratio of the width to the height of the image. For example, if the desired aspect ratio is 4/3, the corresponding float value should be 1.33333. If not specified, the best possible crop is returned. The number of provided aspect ratios is limited to a maximum of 16; any aspect ratios provided after the 16th are ignored.

ProductSearchParams

Parameters for a product search request.

JSON representation

```
{
  "boundingPoly": {
    object (BoundingPoly)
  },
  "productSet": string,
  "productCategories": [
    string
  ],
  "filter": string
}
```

Fields

boundingPoly	object (BoundingPoly)
	The bounding polygon around the area of interest in the image. Optional. If it is not specified, system discretion will be applied.

Fields

productSet	string <p>The resource name of a ProductSet (https://cloud.google.com/vision/product-search/docs/reference/rest/v1/projects.locations.productSets#ProductSet) to be searched for similar images.</p> <p>Format is: projects/PROJECT_ID/locations/LOC_ID/productSets/PRODUCT_SET_ID.</p>
productCategories[]	string <p>The list of product categories to search in. Currently, we only consider the first category, and either "homegoods-v2", "apparel-v2", "toys-v2", "packagedgoods-v1", or "general-v1" should be specified. The legacy categories "homegoods", "apparel", and "toys" are still supported but will be deprecated. For new products, please use "homegoods-v2", "apparel-v2", or "toys-v2" for better product search accuracy. It is recommended to migrate existing products to these categories as well.</p>
filter	string <p>The filtering expression. This can be used to restrict search results based on Product labels. We currently support an AND of OR of key-value expressions, where each expression within an OR must have the same key. An '=' should be used to connect the key and value.</p> <p>For example, "(color = red OR color = blue) AND brand = Google" is acceptable, but "(color = red OR brand = Google)" is not acceptable. "color: red" is not acceptable because it uses a ':' instead of an '='.</p>

WebDetectionParams

Parameters for web detection request.

JSON representation

JSON representation

```
{
  "includeGeoResults": boolean
}
```

Fields

includeGeoResults	boolean
	Whether to include results derived from the geo information in the image.

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