

VisualSearch API definition

Version: v1.3

BasePath: 'https://datamachine.nl/visualSearch'

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Methods

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POST /delete

Description

Delete an image from the index. Returns true if delete command has been executed and false if delete command has not been executed.

Curl

```
curl --location 'https://datamachine.nl/visualSearch/delete' \  
  --header 'apikey: [APIKEY]' \  
  --form 'client="[CLIENT]"' \  
  --form 'uuid="[UUID]"'
```

Request headers

apikey (required)

Header Parameter – default: null format: apikey

Query parameters

client (optional)

Query Parameter –format: alphanumeric

uuid (required)

Query Parameter –format: uuid

Return type

Boolean

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

[String](#)

400

[api_error](#)

503

[api_error](#)

POST /add

Description

Add an image to the index.

Curl

```
curl --location 'https://datamachine.nl/visualSearch/add' \  
--header 'apikey: [APIKEY]' \  
--form 'client="[CLIENT]"' \  
--form 'uuid="[UUID]"' \  
--form 'file=@[/PATH/TO/FILE]'
```

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

search_request [search_request](#) (optional)

Body Parameter –

Request headers

apikey (required)

Header Parameter – default: null format: apikey

Query parameters

client (optional)

Query Parameter –format: alphanumeric

uuid (optional)

Query Parameter – default:

file (required)

Query Parameter – supported images formats:

- AVIF
- BLP
- BMP
- CUR
- DCX
- DDS
- DIB
- EPS
- FITS
- FLI, FLC
- FPX
- FTEX
- GBR
- GD
- GIF
- HEIF, HEIC
- ICNS
- ICO

- IM
- IMT
- IPTC/NAA
- JPEG
- JPEG 2000
- MCIDAS
- MIC
- MPO
- MSP
- PCD
- PCX
- PFM
- PIXAR
- PNG
- PPM
- PSD
- QOI
- SGI
- SPIDER
- SUN
- TGA
- TIFF
- WAL
- WebP
- WMF,EMF
- XBM
- XPM

Return type

UUID

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [UUID](#)

400

[api_error](#)

POST /retrieve

Description

Retrieve scores form an image present in the index. The array with results has a maximum length of 200. If the uuid is not present in the index an empty list will be returned.

Curl

```
curl --location 'https://datamachine.nl/visualSearch/retrieve' \  
--header 'apikey: [APIKEY]' \  
--form 'client="[CLIENT]"' \  
--form 'uuid="[UUID]"'
```

Request headers

apikey (required)

Header Parameter – default: null format: apikey

Query parameters

client (optional)

Query Parameter –format: alphanumeric

uuid (required)

Query Parameter – default: null format: uuid

Return type

array[[RankedVector](#)]

Example data

Content-Type: */*

```
[ {  
  "score" : 0.8008281904610115,  
  "name" : "name",  
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91"  
}, {  
  "score" : 0.8008281904610115,  
  "name" : "name",  
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91"  
} ]
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [UuidResponse](#)

400

[api_error](#)

503

[api_error](#)

POST /getAllUUID

Description

A paged listing of all uuid's in the index with a maximum 10.000 uuid's per page.

Curl

First page

```
curl --location 'https://www.datamachine.nl/visualSearch/getAllUUID' \  
--header 'apikey: [APIKEY]' \  
--form 'client="[CLIENT]"'
```

Next page

```
curl --location 'https://www.datamachine.nl/visualSearch/getAllUUID' \  
--header 'apikey: [APIKEY]' \  
--form 'client="[CLIENT]" \  
--form 'page="[nextPage from previous response]"'
```

Request headers

apikey (required)

Header Parameter – default: null format: apikey

Query parameters

client (optional)

Query Parameter –format: alphanumeric

page (optional)

Query Parameter – default: -1 format: nextPage from previous response

Return type

[UuidResponse](#)

Example data

Content-Type: */*

```
{  
  "nextPage" : "nextPage",  
  "uuids" : [ "046b6c7f-0b8a-43b9-b35d-6489e6daee91", "046b6c7f-0b8a-  
43b9-b35d-6489e6daee91" ]  
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [UuidResponse](#)

400

[api_error](#)

Description

Retrieve scores form an image not present in the index. The array with results has a maximum length of 200

Curl

```
curl --location 'https://datamachine.nl/visualSearch/search' \  
--header 'apikey: [APIKEY]' \  
--form 'client="[CLIENT]"' \  
--form 'file=@[/PATH/TO/FILE]'
```

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

search_request [search_request](#) (optional)

Body Parameter –

Request headers

apikey (required)

Header Parameter – default: null format: apikey

Query parameters

client (optional)

Query Parameter –format: alphanumeric

uuid (optional)

Query Parameter – default:

file (required)

Query Parameter – supported images formats:

- AVIF
- BLP
- BMP
- CUR
- DCX
- DDS
- DIB
- EPS
- FITS
- FLI, FLC
- FPX
- FTEX
- GBR
- GD
- GIF
- HEIF, HEIC
- ICNS
- ICO
- IM

- IMT
- IPTC/NAA
- JPEG
- JPEG 2000
- MCIDAS
- MIC
- MPO
- MSP
- PCD
- PCX
- PFM
- PIXAR
- PNG
- PPM
- PSD
- QOI
- SGI
- SPIDER
- SUN
- TGA
- TIFF
- WAL
- WebP
- WMF,EMF
- XBM
- XPM

Return type

array[[RankedVector](#)]

Example data

Content-Type: */*

```
[ {
  "score" : 0.8008281904610115,
  "name" : "name",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91"
}, {
  "score" : 0.8008281904610115,
  "name" : "name",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91"
} ]
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [RankedVector](#)

400
[api_error](#)

503
[api_error](#)

```
post /createClient
```

Description

Create new client index.

Curl

```
curl --location 'https://datamachine.nl/visualSearch/createClient' \  
--header 'apikey: [APIKEY]' \  
--form 'client="[CLIENT]"'
```

Request headers

apikey (required)

Header Parameter – default: null format: apikey

Query parameters

client (required)

Query Parameter –format: alphanumeric

Return type

Boolean

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [String](#)

400

[api_error](#)

503

[api_error](#)

post /deleteClient

Description

The client index will be marked for deletion and will be purged at the next maintenance cycle.

Curl

```
curl --location 'https://datamachine.nl/visualSearch/deleteClient' \  
--header 'apikey: [APIKEY]' \  
--form 'client="[CLIENT]"'
```

Request headers

apikey (required)

Header Parameter – default: null format: apikey

Query parameters

client (required)

Query Parameter –format: alphanumeric

Return type

Boolean

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [String](#)

400

[api_error](#)

Models

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RankedVector

id (optional)

[UUID](#) format: uuid

name (optional)

[String](#)

score (optional)

[Double](#) format: double

UuidResponse

uuids (optional)

[array\[UUID\]](#) format: uuid

nextPage (optional)

[String](#)

search_request

file

[File](#) format: binary

api_error

status

[String](#)

message

[String](#)

errors

[String](#)