Image Transformation API 1.0.0 OAS 3.1

/openapi.json

API for transforming images using Stability AI

default ⌃

| GET | **/metrics** Metrics | ⌃ |

Endpoint that serves Prometheus metrics.

Parameters   [Cancel]

No parameters

[Execute]   [Clear]

Responses

Curl

```
curl -X 'GET' \
  'http://localhost:8000/metrics' \
  -H 'accept: application/json'
```

Request URL

```
http://localhost:8000/metrics
```

Server response

Code	Details
200	**Response body**

Code

```
                s.
                # TYPE http_request_duration_highr_seconds histogram
                http_request_duration_highr_seconds_bucket{le="0.01"} 0.0
                http_request_duration_highr_seconds_bucket{le="0.025"} 0.0
                http_request_duration_highr_seconds_bucket{le="0.05"} 0.0
                http_request_duration_highr_seconds_bucket{le="0.075"} 0.0
                http_request_duration_highr_seconds_bucket{le="0.1"} 0.0
                http_request_duration_highr_seconds_bucket{le="0.25"} 0.0
                http_request_duration_highr_seconds_bucket{le="0.5"} 0.0
                http_request_duration_highr_seconds_bucket{le="0.75"} 0.0
                http_request_duration_highr_seconds_bucket{le="1.0"} 0.0
                http_request_duration_highr_seconds_bucket{le="1.5"} 0.0
                http_request_duration_highr_seconds_bucket{le="2.0"} 0.0
                http_request_duration_highr_seconds_bucket{le="2.5"} 0.0
                http_request_duration_highr_seconds_bucket{le="3.0"} 0.0
                http_request_duration_highr_seconds_bucket{le="3.5"} 0.0
                http_request_duration_highr_seconds_bucket{le="4.0"} 0.0
                http_request_duration_highr_seconds_bucket{le="4.5"} 0.0
                http_request_duration_highr_seconds_bucket{le="5.0"} 0.0
                http_request_duration_highr_seconds_bucket{le="7.5"} 0.0
                http_request_duration_highr_seconds_bucket{le="10.0"} 0.0
```

Download

Response headers

```
content-length: 4180
content-type: text/plain; version=0.0.4; charset=utf-8
date: Mon,19 May 2025 18:06:39 GMT
server: uvicorn
```

Responses

Code	Description	Links
200	Successful Response	*No links*

Media type

application/json

Controls `Accept` header.

Example Value   Schema

```
"string"
```

| GET | **/health** Health Check | ⌃ |

| **Parameters** | **Cancel** |

No parameters

Execute	Clear

Responses

Curl

```
curl -X 'GET' \
  'http://localhost:8000/health' \
  -H 'accept: application/json'
```

Request URL

```
http://localhost:8000/health
```

Server response

Code	Details

200

Response body

```
{
  "status": "healthy"
}
```

Download

Response headers

```
content-length: 20
content-type: application/json
date: Mon,19 May 2025 18:07:01 GMT
server: uvicorn
```

Responses

Code	Description	Links

200   Successful Response   *No links*

Media type

application/json

Controls `Accept` header.

Example Value   Schema

```
"string"
```

| POST | **/api/v1/replace-background-relight** | Replace Background Relight | ∧ |

Parameters

Cancel

No parameters

Request body required

application/json

```
{
  "subject_image": "https://example.com/",
  "background_prompt": "string",
  "background_reference": "https://example.com/",
  "foreground_prompt": "",
  "negative_prompt": "",
  "preserve_original_subject": 0.95,
  "original_background_depth": 0.75,
  "keep_original_background": false,
  "light_source_strength": 0,
  "light_reference": "https://example.com/",
  "light_source_direction": "none",
  "seed": 0,
  "output_format": "png",
  "username": "string"
}
```

Execute Clear

Responses

Curl

```
curl -X 'POST' \
  'http://localhost:8000/api/v1/replace-background-relight' \
  -H 'accept: application/json' \
  -H 'Content-Type: application/json' \
  -d '{
  "subject_image": "https://example.com/",
  "background_prompt": "string",
  "background_reference": "https://example.com/",
  "foreground_prompt": "",
  "negative_prompt": "",
  "preserve_original_subject": 0.95,
  "original_background_depth": 0.75,
  "keep_original_background": false,
  "light_source_strength": 0,
  "light_reference": "https://example.com/",
  "light_source_direction": "none",
  "seed": 0,
  "output_format": "png",
```

```
  "username": "string"
}'
```

Request URL

http://localhost:8000/api/v1/replace-background-relight

Server response

Code	Details

400 *Undocumented*	**Error: Bad Request**

Response body

```
{
  "detail": "400: Error downloading image from https://example.com/: Paramet
er validation failed:\nInvalid length for parameter Key, value: 0, valid min
length: 1"
}
```
Download

Response headers

```
content-length: 162
content-type: application/json
date: Mon,19 May 2025 18:07:13 GMT
server: uvicorn
```

Responses

Code	Description	Links
200	Successful Response	*No links*

Media type

application/json

Controls `Accept` header.

Example Value   Schema

```
"string"
```

422	Validation Error	*No links*

Media type

application/json

Example Value   Schema

```
{
  "detail": [
    {
      "loc": [
        "string",
        0
      ],
```

Code	Description	Links

```
              "msg": "string",
              "type": "string"
          }
      ]
  }
```

Schemas ∧

HTTPValidationError ❯   Expand all `object`

ReplaceBackgroundRelightInput ❯   Expand all `object`

ValidationError ❯   Expand all `object`