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API Keys   Documentation   **Logout**

To use the API, follow the steps.

1. Upload an image of a face.
   POST `https://api.cmfapp.co.uk/api2/` form-data containing:
   `action=upload_image`, `api_key=YOUR_API_KEY`,
   `image={file object - face jpeg}`

2. With the response, check if a face was detected. If no face was detected, return to step #1 with a new image.
   If the response notes that the face is wearing glasses, please advise the user to take them off and take another photo - otherwise their frames may be distorted producing undesirable results.
   If the face has excessive yaw, this will be flagged (this means the face is turning too much to the left or the right). Please advise the user to take another photo looking straight towards their camera.

```
{
  "success": true,
  "message": "Image uploaded successfully",
  "code": 100,
  "session_id": "...",
  "data": {
    "fromServer": true,
    "face_detection_result": true,
    "face_detection_apis_not_responding": false,
    "curl_error": false,
    "glasses": {
        "is_wearing": true,
        "message": 'Please advise the user to take off their glasses.',
        "type": 'ReadingGlasses'
    },
    "excessive_yaw_detected": false
  }
}
```

```
{
        "success": null,
        "message": "Face detection data not found.",
        "code": 8,
        "session_id": "...",
        "data": {
          "fromServer": true,
          "face_detection_result": false,
```

```
                                "face_detection_apis_not_responding": false,
                                "curl_error": false
                            }
                        }
```

3. Use the session_id from the response:
    POST `https://api.cmfapp.co.uk/api2/` form-data containing:
    `action=apply_effects`, `api_key=YOUR_API_KEY`, `session_id=THIS_SESSION_ID`,
    `effects[effect_id]=CHOSEN_EFFECT_ID`

    o   You can find the `CHOSEN_EFFECT_ID` by visiting the API Keys tab above and
        looking under the *Effect Groups* column. (ie. Unhealthy (2), `2` would be the effect
        ID)

    o   Add `effects[age]=REQUIRED_AGE` (e.g `effects[age]=35`) to speed up the
        request by limiting to just one age.

    o   Add `effects[dont_cache]=true` to re-use the same session id for multiple
        requests without needing to re-upload the image (for example, if you would like
        to apply a different age or a different effect).

    o   To combine multiple effects, comma-seperate them in `effects[effect_id]` for
        example `effects[effect_id]=11,32,32`

4. You will be returned an object of URLs containing manipulated images. These images will
    be stored on our servers temporarily.

```
    {
      "success": 1,
      "message": "Effects applied successfully",
      "code": 102,
      "session_id": "bbf91fefa9b52f23481b5f7d1b42abba",
      "data": {
        "effect_results": [
          {
            "output_file": "http://api.cmfapp.co.uk/api2/images/.../1b114.jpeg",
            "success": 1,
            "age": 25,
            "category": null,
            "effect_id": 1
          },
          {
            "output_file": "http://api.cmfapp.co.uk/api2/images/.../31fe5.jpeg",
            "success": 1,
            "age": 30,
            "category": null,
            "effect_id": 1
          },
          {
```

```
      "output_file": "http://api.cmfapp.co.uk/api2/images/.../df79d.jpeg",
      "success": 1,
      "age": 35,
      "category": null,
      "effect_id": 1
    },
    {
      "output_file": "http://api.cmfapp.co.uk/api2/images/.../6f273.jpeg",
      "success": 1,
      "age": 40,
      "category": null,
      "effect_id": 1
    },
    {
      "output_file": "http://api.cmfapp.co.uk/api2/images/.../eb1f2.jpeg",
      "success": 1,
      "age": 45,
      "category": null,
      "effect_id": 1
    },
    {
      "output_file": "http://api.cmfapp.co.uk/api2/images/.../bbd0b.jpeg",
      "success": 1,
      "age": 50,
      "category": null,
      "effect_id": 1
    },
    {
      "output_file": "http://api.cmfapp.co.uk/api2/images/.../a497d.jpeg",
      "success": 1,
      "age": 55,
      "category": null,
      "effect_id": 1
    },
    {
      "output_file": "http://api.cmfapp.co.uk/api2/images/.../b4dd3.jpeg",
      "success": 1,
      "age": 60,
      "category": null,
      "effect_id": 1
    },
    {
      "output_file": "http://api.cmfapp.co.uk/api2/images/.../71245.jpeg",
      "success": 1,
      "age": 65,
      "category": null,
      "effect_id": 1
    },
    {
      "output_file": "http://api.cmfapp.co.uk/api2/images/.../01c43.jpeg",
```

```
    "success": 1,
    "age": 70,
    "category": null,
    "effect_id": 1
  },
  {
    "output_file": "http://api.cmfapp.co.uk/api2/images/.../8c8e0.jpeg",
    "success": 1,
    "age": 75,
    "category": null,
    "effect_id": 1
  },
  {
    "output_file": "http://api.cmfapp.co.uk/api2/images/.../ccda4.jpeg",
    "success": 1,
    "age": 80,
    "category": null,
    "effect_id": 1
  },
  {
    "output_file": "http://api.cmfapp.co.uk/api2/images/.../8c387.jpeg",
    "success": 1,
    "age": 85,
    "category": null,
    "effect_id": 1
  },
  {
    "output_file": "http://api.cmfapp.co.uk/api2/images/.../d532c.jpeg",
    "success": 1,
    "age": 90,
    "category": null,
    "effect_id": 1
  },
  {
    "output_file": "http://api.cmfapp.co.uk/api2/images/.../238b0.jpeg",
    "success": 1,
    "age": 95,
    "category": null,
    "effect_id": 1
  },
  {
    "output_file": "http://api.cmfapp.co.uk/api2/images/.../6ec0c.jpeg",
    "success": 1,
    "age": 100,
    "category": null,
    "effect_id": 1
  },
  {
    "output_file": "http://api.cmfapp.co.uk/api2/images/.../a6744.jpeg",
    "success": 1,
```

```
                    "age": 100,
                    "category": null,
                    "effect_id": 1
                 }
              ],
              "fromServer": 1
           }
        }
```

Please feel free to contact us at hello@changemyface.com if you have any queries, problems or requests when using this API.