



Version 1.0

INTEGRATION FOR COMPARE OF FACE

Index

	Task	Description
1	Compare Face	Compare faces with Face Comparing Check the possibility of two faces refers to the same person the system provides the confidence score and threshold value to decide the similarity. The Face Compare API compares two faces and determines if they belong to the same person. When the images are sent to the Face Compare API, both of the faces are converted to Face Vector templates and the Euclidian distance is calculated. The Euclidian distance result is then transformed using a function to a confidence value which is reflected by the Face Compare API in its reply.

SERVICE REQUEST / RESPONSE

Default Live URL: --- faceapi.mxface.ai
Compare Face:

End Point	https://faceapi.mxface.ai/
HTTP Request	api/face/ verify
Method Name	verify
Method	POST
Content-Type	application/json
Key	subscription key
Value	xxxxxxxxxxxxx (subscription key value)
Add To	header
Request	{
	(base64 image encoded string)
	"encoded_image1": "/9j/4AAQSkZJRgABAQAAQABAAD/....."
	(base64 image encoded string)
	"encoded_image2": "/9j/4AAQSkZJRgABAQAAQABAAD/....."
	}
Response	{
	"confidence": 0.999999,
	"image1_face": {
	"faceRectangle": {
	"x": 41,
	"y": 34,
	"height": 44,
	"width": 34
	},
	"quality": 0.595912
	},
	"image2_face": {
	"faceRectangle": {
	"x": 41,
	"y": 34,
	"height": 44,
	"width": 34
	},
	"quality": 0.595912
	}
	}
HTTP Status	200 (Body is not empty)
Request/Response encoding	UTF-8

Annotations

encoded_image	Base64 encoded string
confidence	Confidence level of two comparing image are same or not
faceRectangle	Rectangle of face detect
x	X co-ordinate of face
y	Y co-ordinate of face
height	Height of face
width	Width of face
quality	Quality of image
image1_face	Upload Image1
image2_face	Upload Image2

Base64 Sample Image String

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