Neural Network Api docs

Production is now classified according to the following diagnoses:

- Benign
Benign Nevus, Dermatofibroma, Gemangioma, Halo nevus, Papiloma nevus, Pyogenic Granuloma, Spitz nevus

- Acne
Acne vulgaris, Acne cystic, Comedone open/closed, Rozacea, Milium

- Skin virus
Wart vulgaris, Wart plane, Wart palantar, Molluscum contagiosum

- Pre-cancer
Actinic keratosis, Blue nevus, Bouen, Dysplastic nevus, Keratoakantoma, Lentigo, Seborrheic keratosis

- Skin cancer
Melanoma, Basal cell Carcinoma, Squamous cell carcinoma, Lentigo Melanoma

Step 1 - Sending photo

```

curl -X POST -F @img.jpg https://api.skiniver.com/predict?lang=ru&user_id=[XXX]
```

Example:

Step 2 - Photo validation

(image quality, the presence of skin)

```

curl -X POST -F @img.jpg https://api.skiniver.com/validate?lang=ru

```

**check whether the photo is correct: there is a screening of low-quality photos, as well as photos of other objects. If you send a photo of a samovar or seal, then the photo is not sent to other networks **

The answer contains json with the field `is_good` - whether the photo passed the test, if yes, then the analysis process continues

Step 3 - segmentation

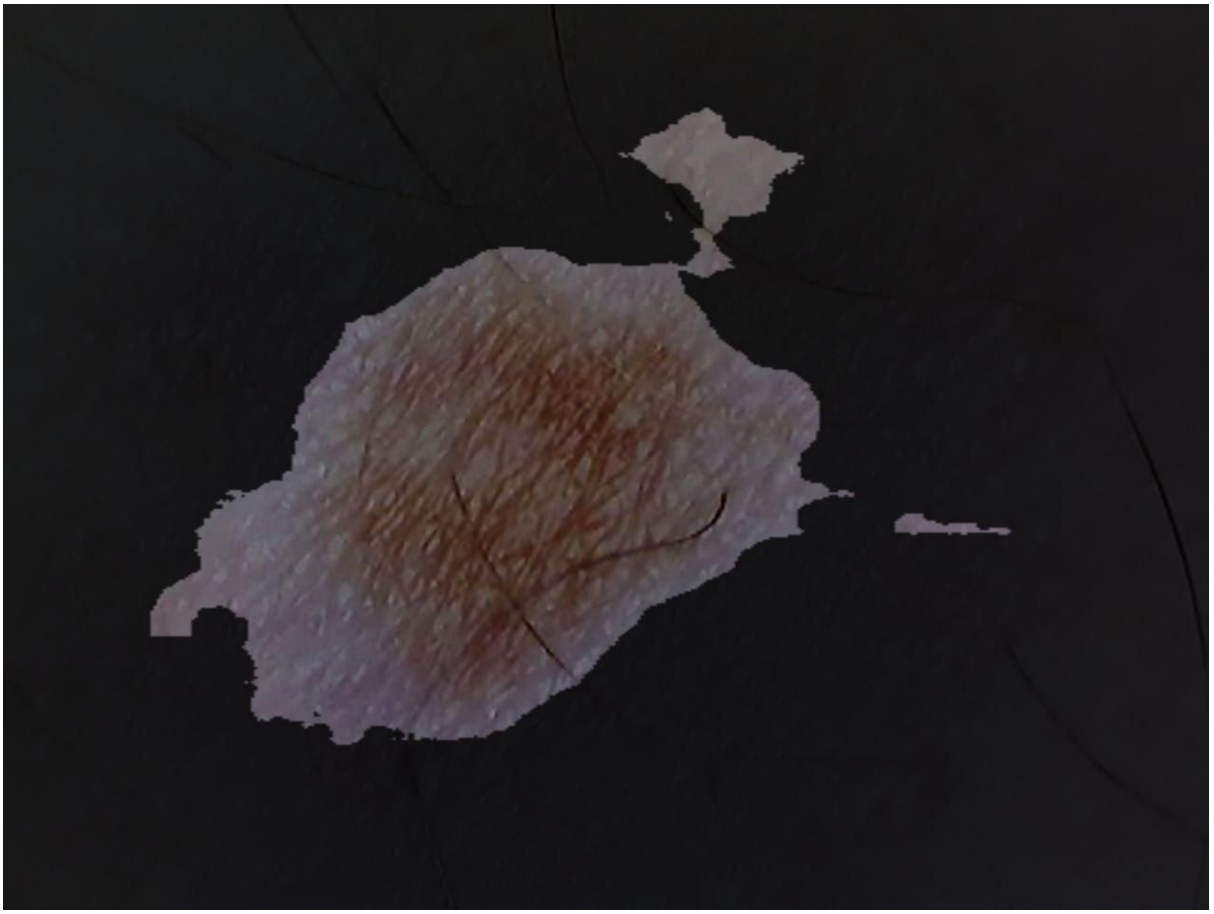
the selection of atypical areas on the skin, which will be analyzed at stage 3

```

curl -X POST -F @img.jpg https://api.skiniver.com/segment?lang=ru
```

photo segmentation. Will return json with segmented picture ID and mask.

```

**https://api.skiniver.com/mask?mask_id={mask_id}.jpg**
```

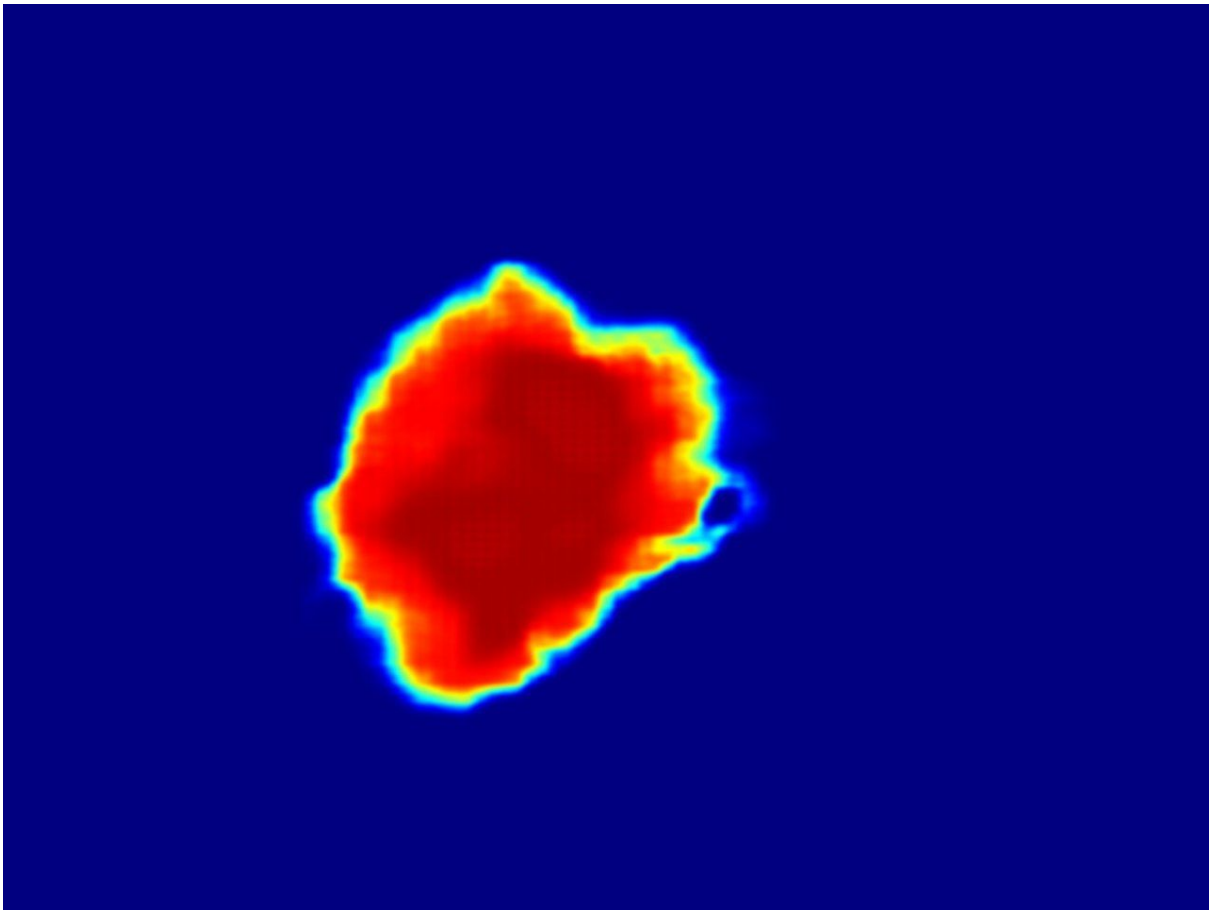
{mask_id} taken from the previous request



{colored} take from the response the request for segmentation

We get the result

Get the result of the neural network ()



```

curl -X POST -F @img.jpg [https://api.skiniver.com/predict?lang=ru&user_id=-1

```

verification of the photo, returns a text description in the specified language,

Or you can give a prediction (prediction of the diagnosis):

```
benign_nevus: 75%
dermatofibroma: 10%
gemangioma: 4%
acne: 1%
```
