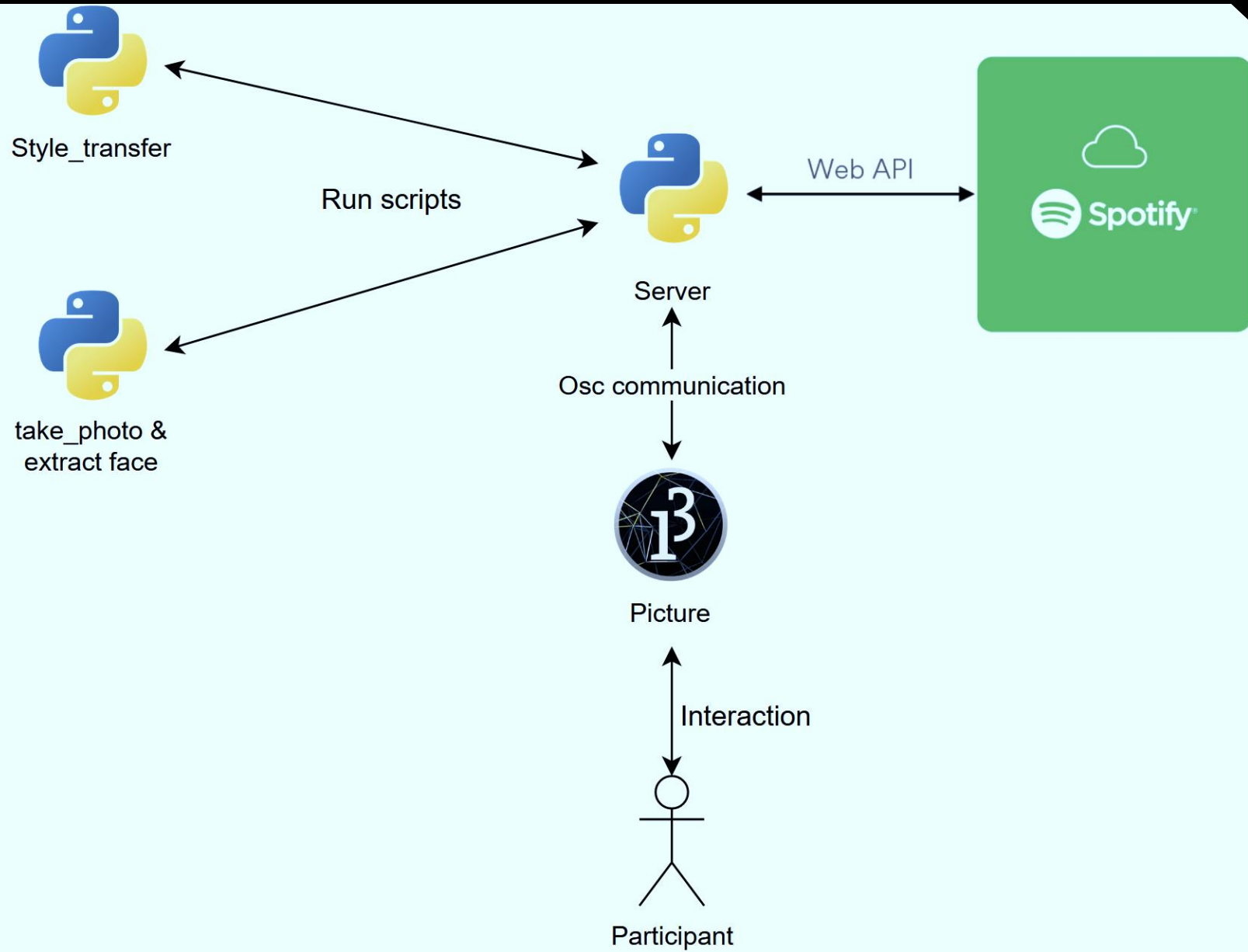


# COLLECTIVE DYNAMIC PORTRAIT

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CPAC Project

# WORK FLOW DEMO



# Get Current User's Profile

Get Current User's Profile

API Reference [Get Current User's Profile](#)

Endpoint <https://api.spotify.com/v1/me>

HTTP Method GET

OAuth Required

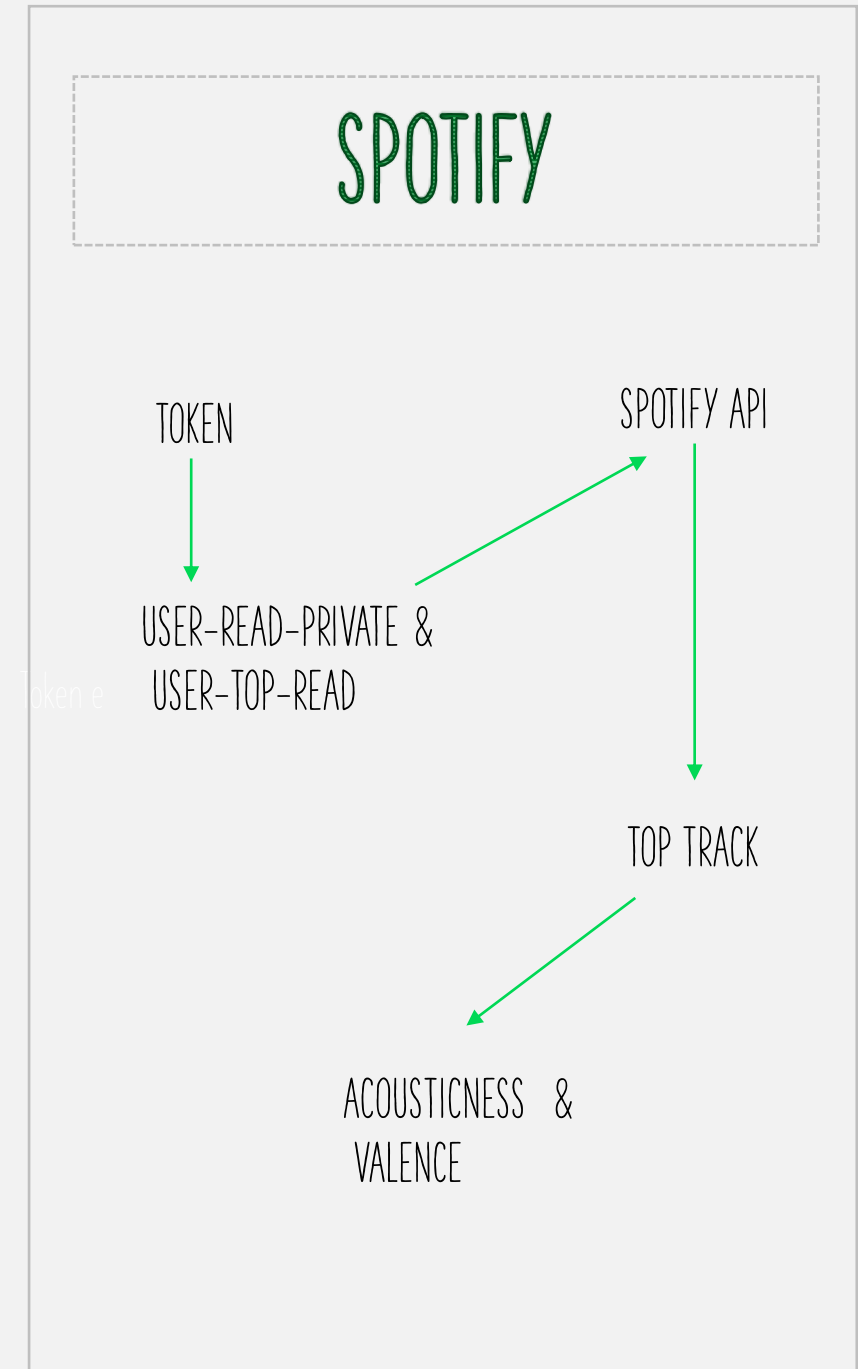
OAuth Token

BQAyg96nojggY6H7-DxNzo2TVo-E-...

GET TOKEN

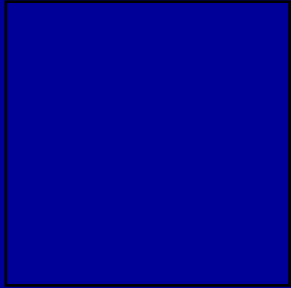
TRY IT

FILL SAMPLE DATA

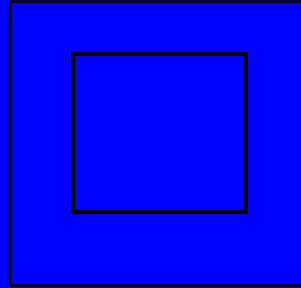


# FACES EXTRACTION

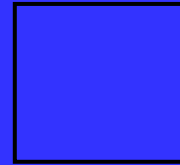
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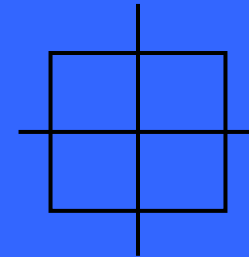
1. TAKE PHOTO



2. FACE DETECT

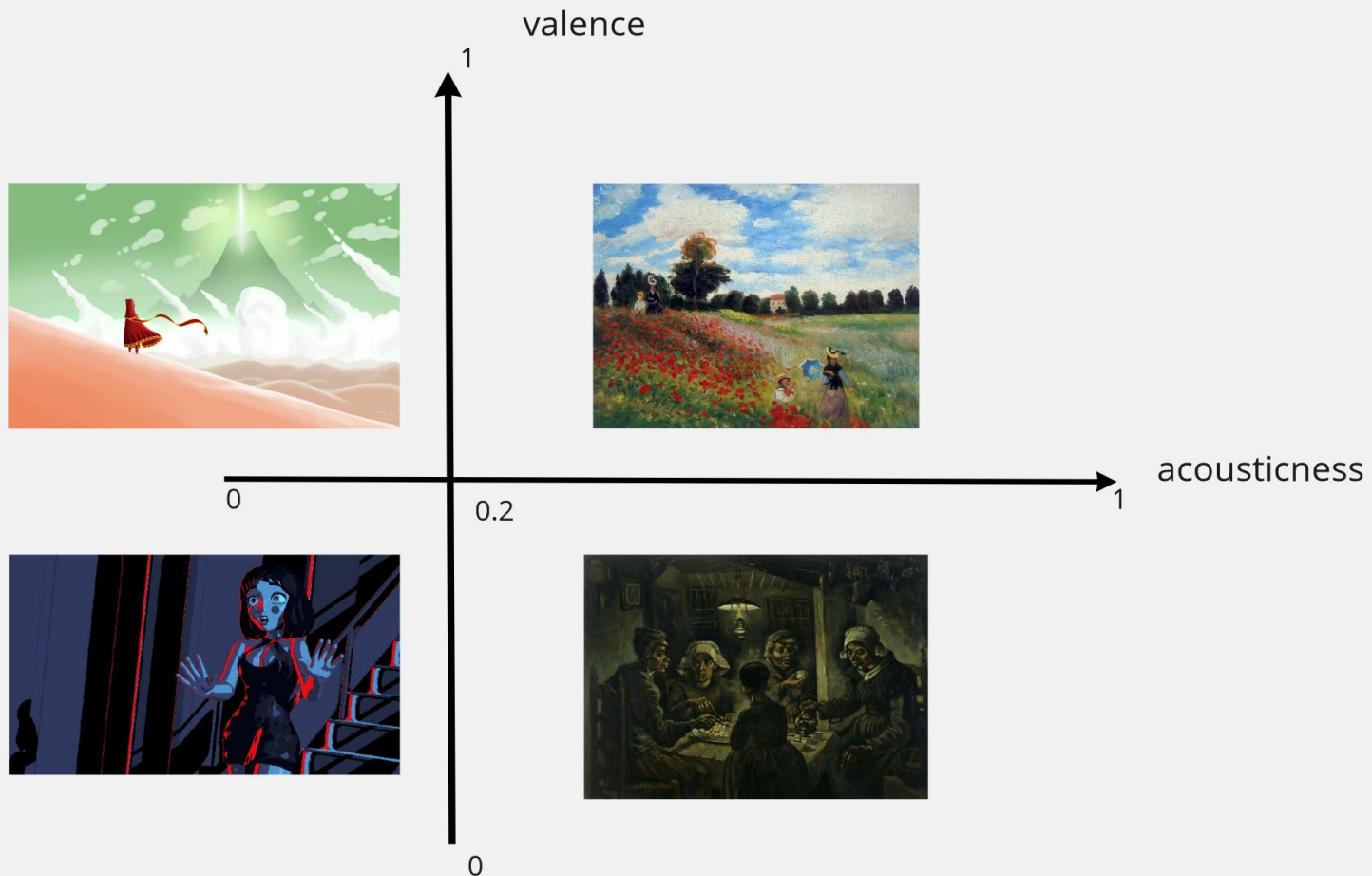


3. EXTRACT FACE



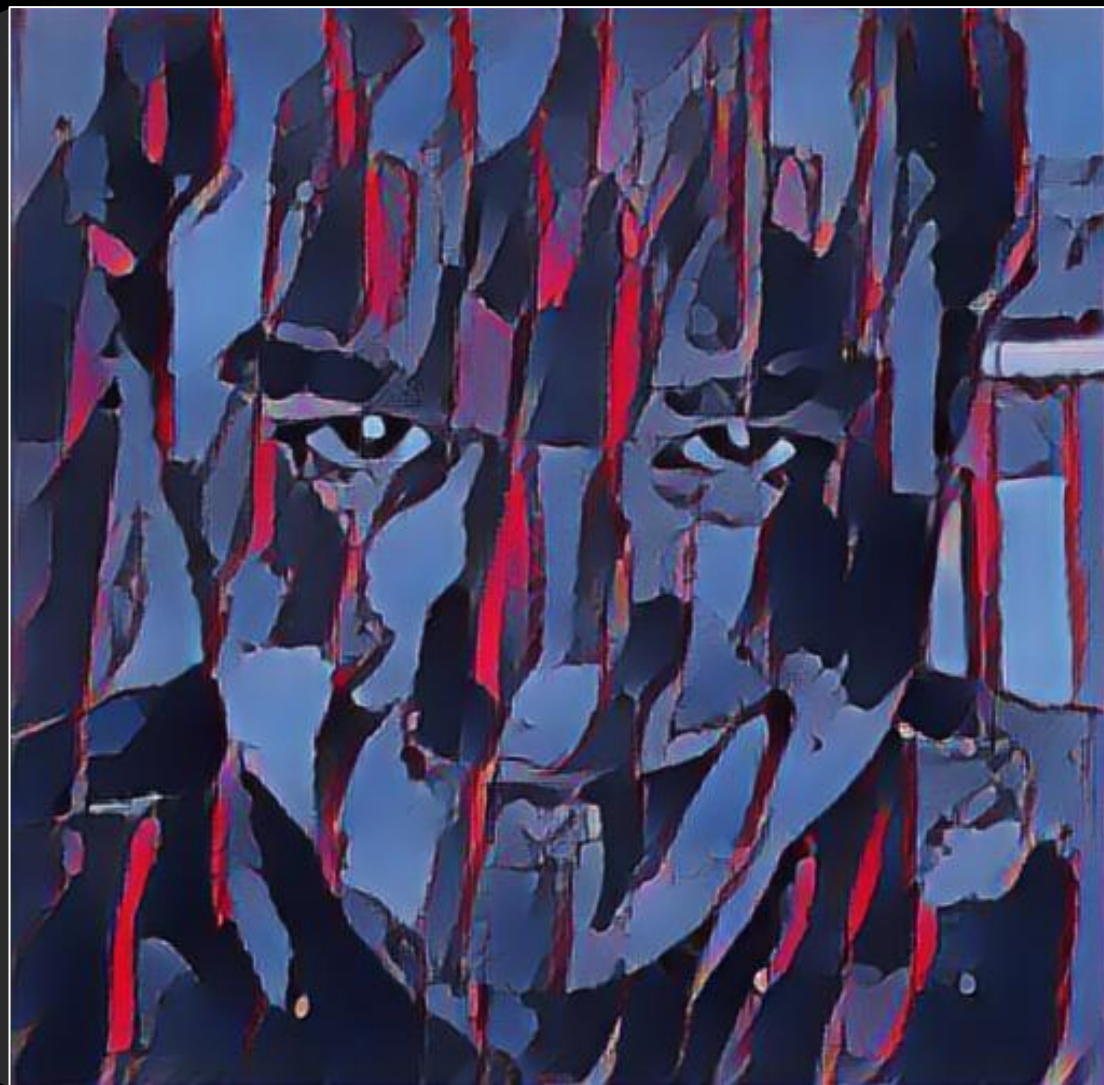
4. IMAGE SUBDIVISION

# STYLE TRANSFER



EXAMPLE

Acousticness: 0.15  
Valence: 0.32





# PROCESSING AND PYTHON COMUNICATION

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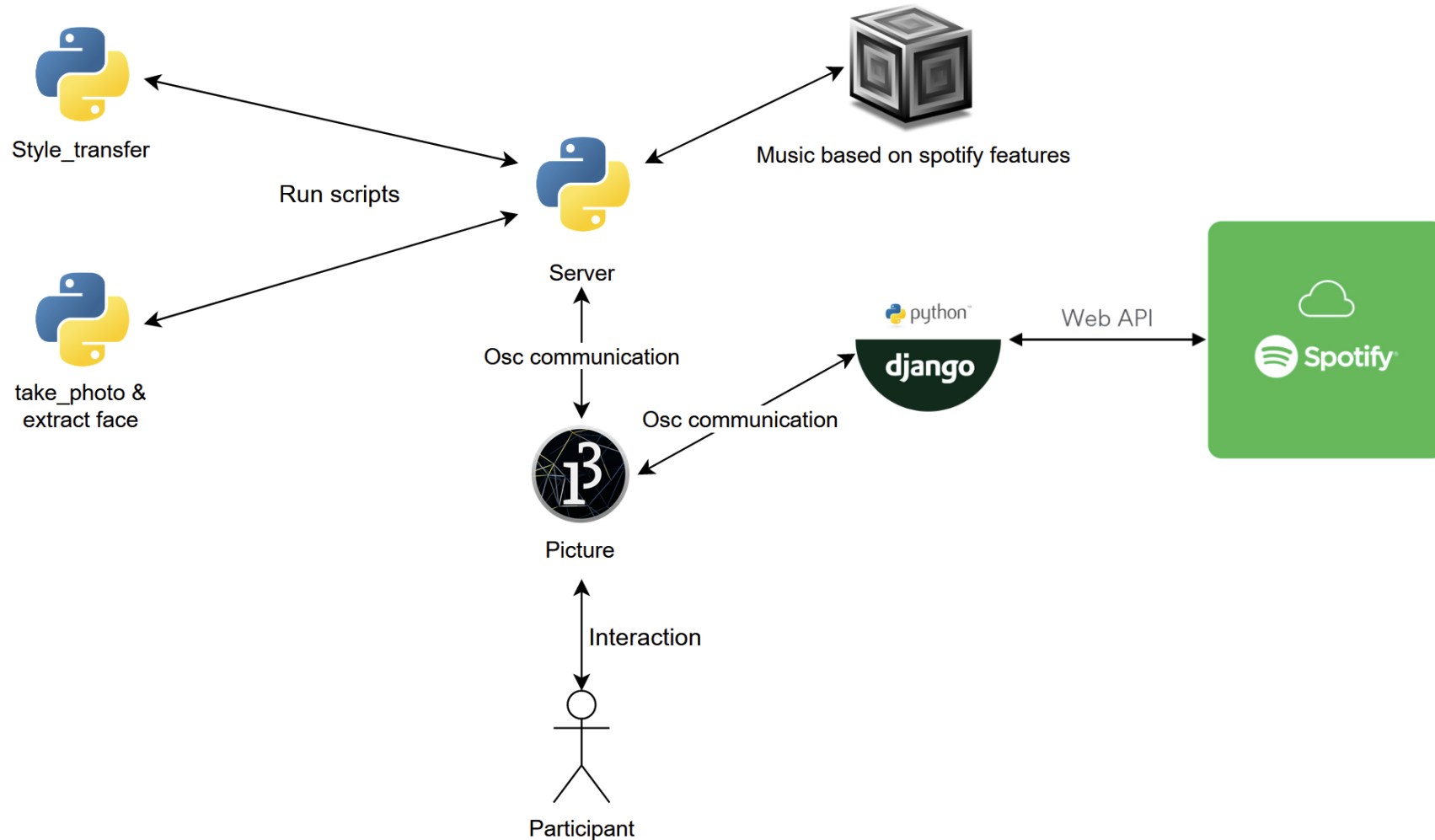
The client: Processing

The diagram consists of three overlapping circles arranged horizontally. The leftmost circle is red and contains the text 'The client: Processing'. The middle circle is blue and contains the text 'OSC messages'. The rightmost circle is yellow and contains the text 'The server: Python'. The circles overlap such that the blue circle is partially covered by the red and yellow circles, and the red and yellow circles also overlap each other.

OSC messages

The server: Python

# NEXT STEPS



- Dynamic music

- More Spotify features

- More styles

- Refined aesthetics



THANKS FOR YOUR ATTENTION !