

Face Recognition Daisi

The Face Recognition Daisi brings all the essential face recognition features in a simple and reusable format.

The `face_recognition` library is built using '**dlib**' which needs **Visual Studio C++** to be installed on the machine. This poses a lot of problems for applications involving cloud hosting and running on local machines without VS C++.

The daisi eliminates the above problems by abstracting everything and exposing all the essential features of the library through daisi endpoints.

The key features include:

- 1) Face detection with bounding box locations
- 2) Facial landmark detection
- 3) Extract 128-dimensional face encodings from an image
- 4) Detect if given face encoding exists in the image (Facial recognition)
- 5) Calculate face similarity index
- 6) Face authentication