

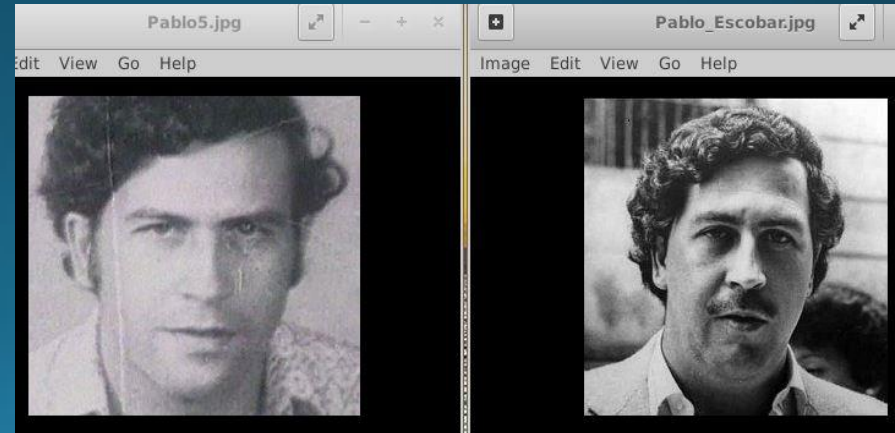
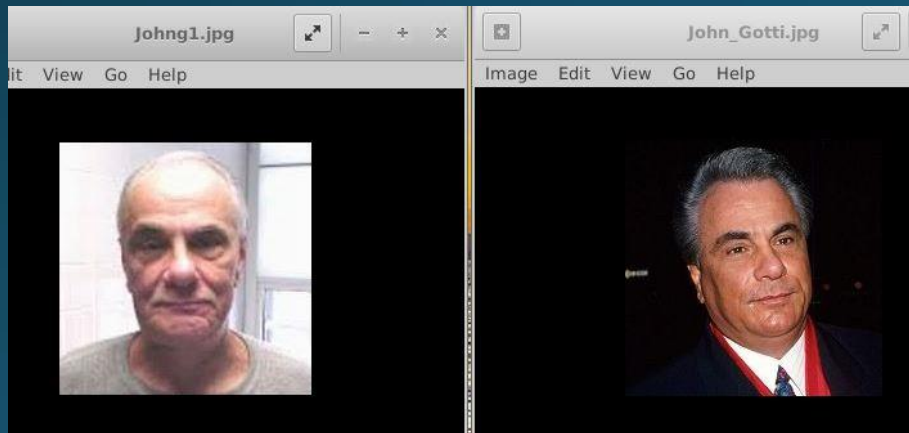
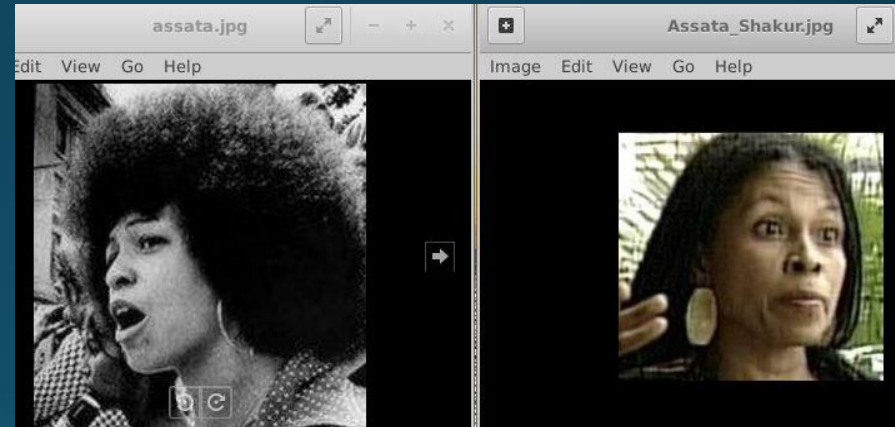
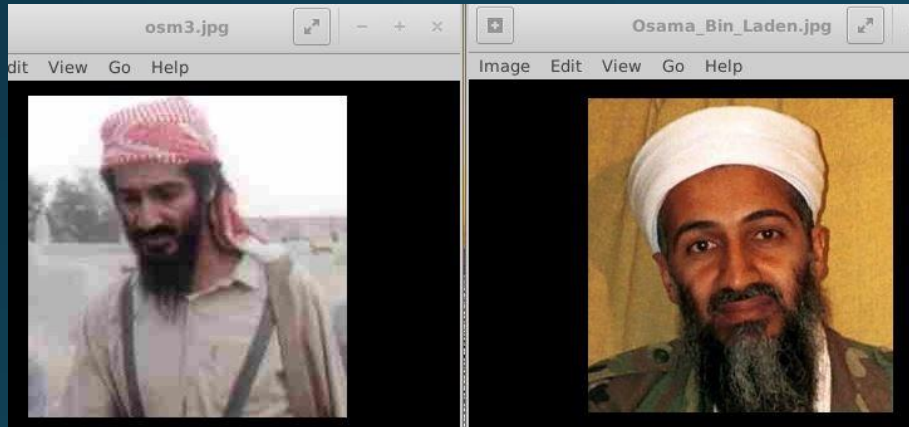
FACE

Facial Acquisition, Comparison and Enforcement

A Game Changer from
KGH & RT

Do You See What I See?

Find matched Suspects in *seconds*...



FACE

Facial Acquisition, Comparison and Enforcement

- Homeland and National Security/Defense
- Identity Management
- Fraud Reduction
- C-Trafficking: Human; Smuggling; Child Predator

Inexpensive, Fast, Accurate, & Flexible

- Advanced Deep Machine Learning Algorithms
- Big Datasets
- 99.5% accuracy achieved
- Will retrain the models to your specifications
- Will work with organizational or standalone datasets:
 - Age: Progression and Regression
 - Ethnicity
 - Nationality
 - Known/Suspected Identification

How It Works: A High Level View

- Deep Machine Learning
 - An initial database of several million faces was used as input
 - Next Developments: Sentiment & Intention Forecasting
- Continuous Learning Capability
- Accuracy:
 - An accuracy of 99.5% was achieved on the standard LFW face recognition benchmark, is comparable to most state-of-the-art methods for face recognition as of mid 2017

Simple Deployment Methods

- Facial Recognition in a Box – Hardware Version
 - An appliance – A turnkey solution - Plug and Play
 - Minimum training
 - Perfect for a mass deployment of one or many databases to multiple departments
- Virtual Server – Software Version
 - Run locally or in a Cloud *of your choice*
- Multiple instances of the same solution could reside in one physical server
- Enterprise level solutions in any Cloud – Amazon, Microsoft, Google
 - Intra-agency and Inter-agency
 - Share facial databases at local, state, and federal levels

A Few Comparisons



FindFace.Pro is the world's most accurate facial recognition technology for face detection, verification and identification

FindFace Cloud API
The easy-to-use cloud-based REST API enables fast and easy integration into your application. All your files are stored on the secure FindFace Cloud.

FindFace Enterprise Server SDK 2.0
Does the job of face recognition completely on your side. FindFace can be embedded into any web, mobile, or desktop application using the cross-platform REST API.

Face Detection
40 pixels Eye Distance
Reliably detect human faces in a photo, along with their coordinates and sizes.

Verification (1:1)
More than 99% Accuracy
Compare one face with another to identify if it is the same person or not.

Identification (1:N)
Store billions of people in the gallery.
Find a person by face in a pre-loaded collection of faces.

