**Face Recognition Tensorflow Introduction**

* ***Draft***

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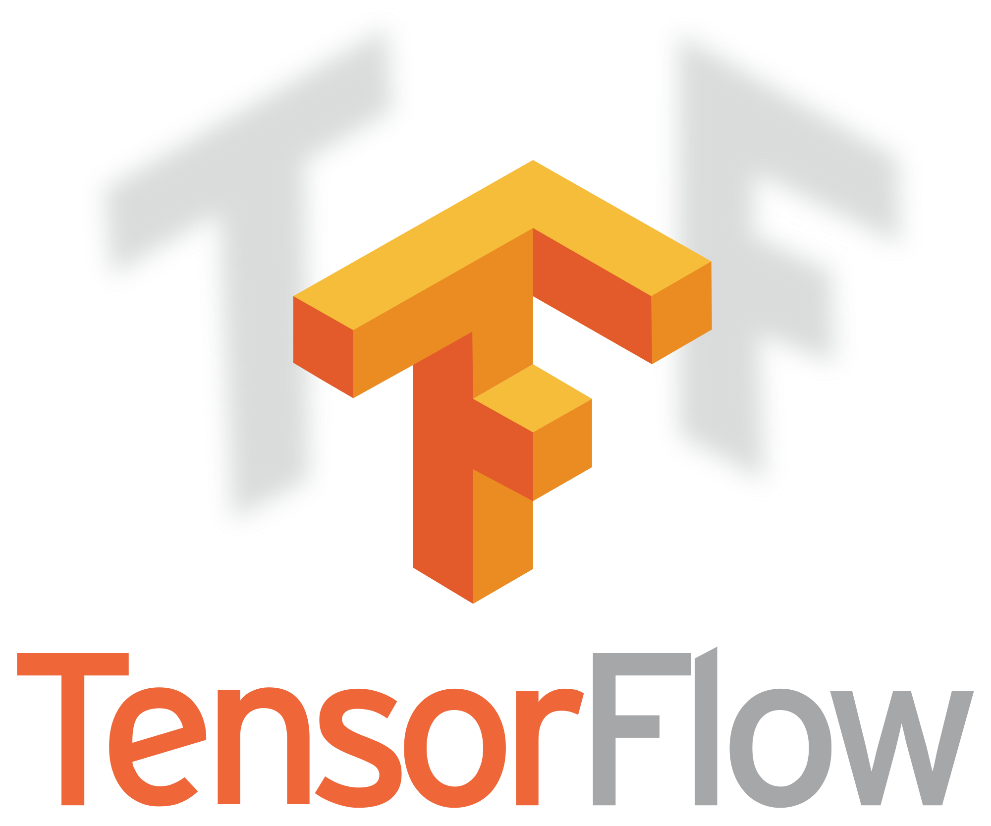
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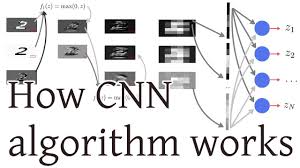
# Overview

## Introduction

This document introduces how to implement face recognition by Tensorflow.



1‑1 Tensorflow Overview



1‑2 CNN Network

## Development/Running Environment

This paragraph will focus on how to install anaconda and tensorflow.

## Scope

This document is intended as a general summary of below topics.

## Acronyms

* TF - Tensorflow

# Face Training

## Flowchart

Training flowchart introduction the following:



2‑1 Software Architecture

# Face Recognition

## Flowchart

Recognition flowchart introduction the following:



3‑1 Face Recognition

# Test Steps

## Offline mode (AVI File)

Currently, the tool supports real time reading mode from Ethernet to PC.



4‑1 Offline Mode

## Real-time Mode (Web Camera)

Currently, the tool supports offline reading mode.



4‑2 Rel-time Mode

# Summary

This document contains detailed face recognition by tensorflow introduction. If any question, please contact [150014739@qq.com](mailto:150014739@qq.com)