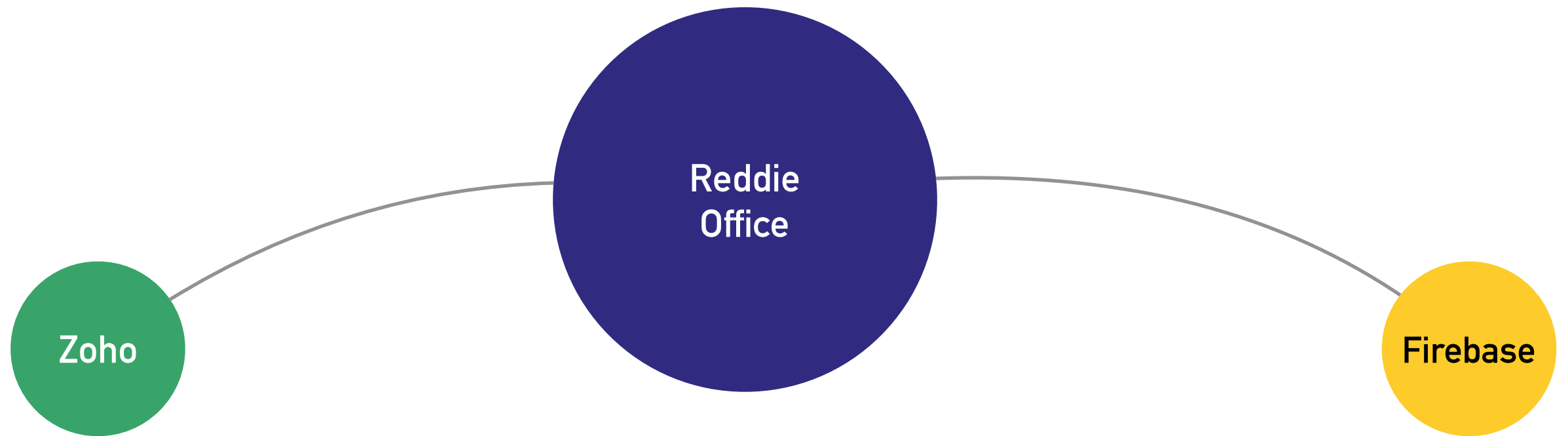


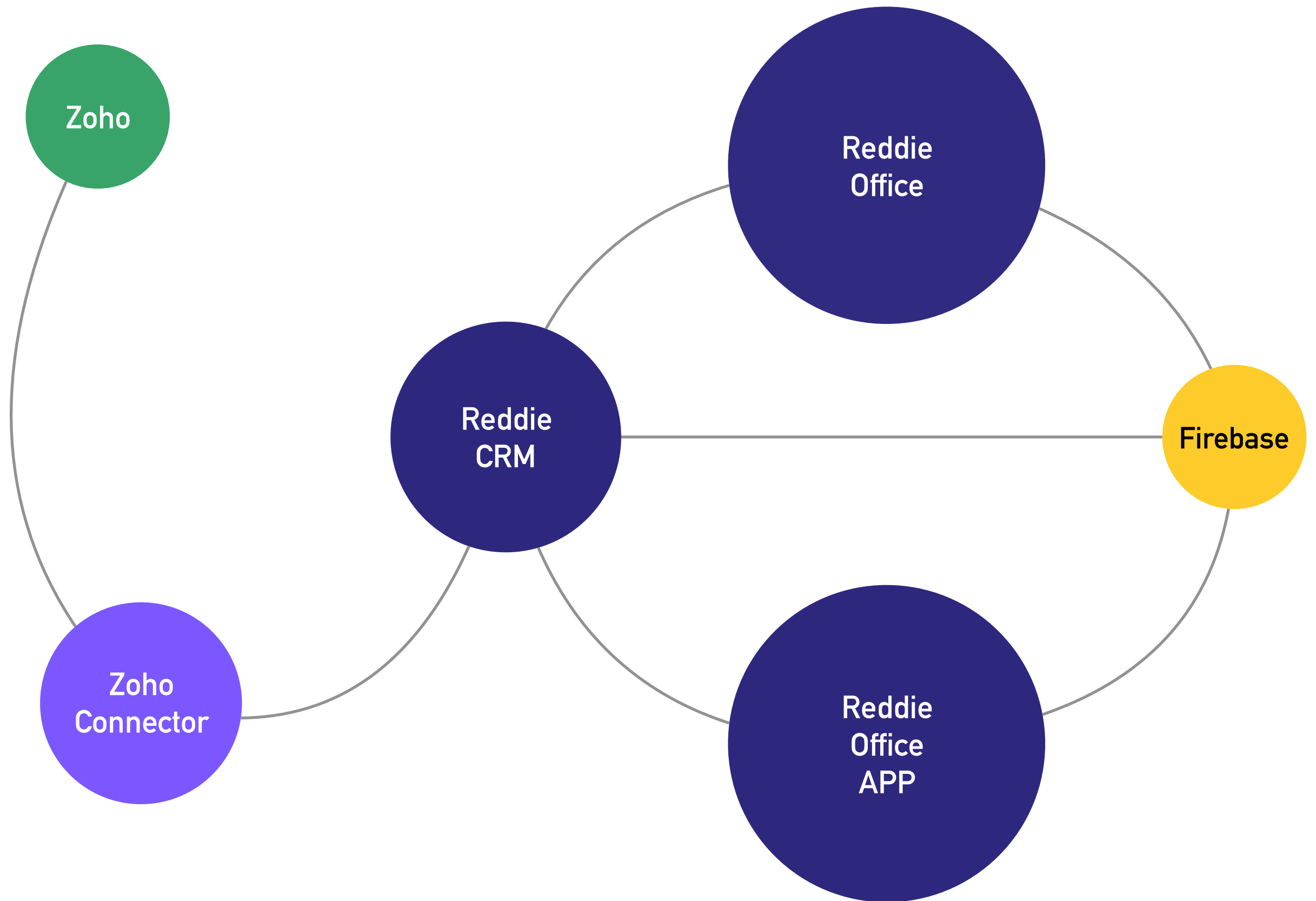
FUTURE CONNECTIONS

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ANTES



AHORA

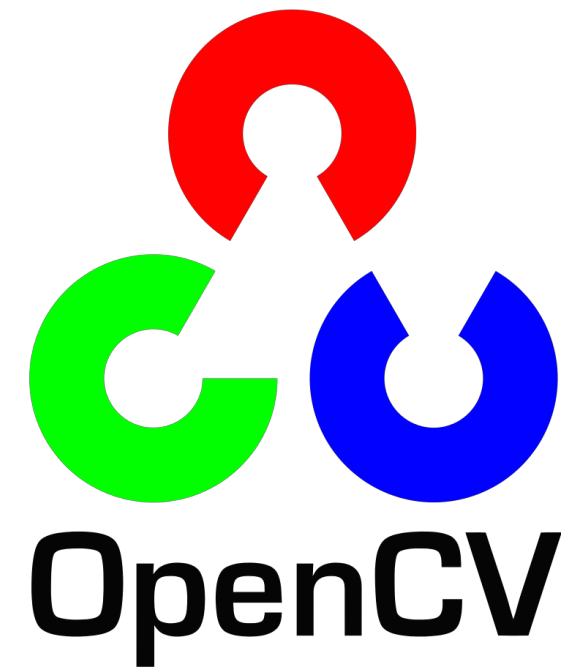
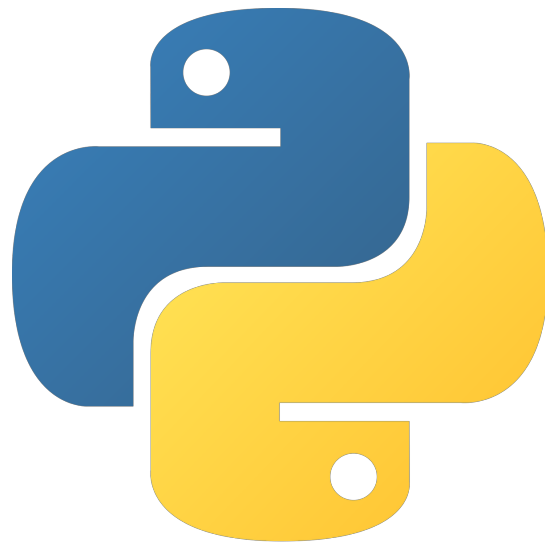


TECNOLOGÍAS UTILIZADAS



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Computer Vision

```
import cv2

smile_cascade = cv2.CascadeClassifier('haarcascade_smile.xml')

def detect(gray, frame):
    smiles = smile_cascade.detectMultiScale(gray, 1.3, 180)
    for (x, y, w, h) in smiles:
        cv2.rectangle(frame, (x, y), (x+w, y+h), (0, 0, 255), 5)
    return frame

video_capture = cv2.VideoCapture(0)

while True:
    _, frame = video_capture.read()
    gray = cv2.cvtColor(frame, cv2.COLOR_BGR2GRAY)
    canvas = detect(gray, frame)
    cv2.imshow('Video', canvas)
    if cv2.waitKey(1) & 0xFF == ord('q'):
        break

video_capture.release()
cv2.destroyAllWindows()
```

**GRACIAS
POR SU
ATENCIÓN**