Eye Detection with OpenCV

Description

Eye Detection is a Python application that employs OpenCV for detecting eyes in images. The script uses the Haar Cascade classifier designed for eye detection. It identifies eyes in a given image and marks them with circles for easy visualization.

Prerequisites

Ensure you have the following to use this project:
- Python 3.x
- OpenCV library (`opencv-python` package)
- Haar Cascade XML file for eye detection

You can install OpenCV using pip:

```bash
pip install opencv-python
```

Usage

1. Place your target image in a known directory.
2. Update the script with the path to the image and the Haar Cascade XML file.
3. Run the script to detect eyes, which will be highlighted in the image.

Running the Script

In the script directory, execute:

```bash
python eye_detection.py
```

Make sure the paths to the image and the Haar Cascade XML file are correctly set in the script.

Contributing

Contributions are welcome. To contribute:
1. Fork the project.
2. Create your feature branch (`git checkout -b feature/YourFeature`).
3. Commit your changes (`git commit -m 'Add some YourFeature'`).
4. Push to the branch (`git push origin feature/YourFeature`).
5. Create a new Pull Request.