

Part 1: Successful CI Workflow Link

<https://github.com/dipto718/Software-Supply-Chain-HW-1/actions/runs/19997080192/job/57346297029>

Part 2:

Successful CD Workflow Link

<https://github.com/dipto718/Software-Supply-Chain-HW-1/actions/runs/20005153041/job/57366246211>

Attestation Link

<https://github.com/dipto718/Software-Supply-Chain-HW-1/attestations/14643874>

Release Link

<https://github.com/dipto718/Software-Supply-Chain-HW-1/releases/tag/v4.9>

Part 3: Screenshot of readme with the 3 badges

The screenshot shows a portion of a GitHub repository's README page. At the top, there are three badge links: 'Continuous deployment' (passing), 'Continuous Integration' (passing), and 'openssf scorecard' (3.3). Below these badges, there is a section titled 'Software Supply Chain HW Description' with a detailed description of the project's transparency log implementation.

To build this project I downloaded the template from github.com/mayank-ramnani/python-rekor-monitor-template and then filled in the missing areas. This project essentially tests multiple aspects of both cosign and rekord transparency log by making sure that an example artifact was signed successfully and that its signature was uploaded successfully to the rekord transparency log.

Usage Instructions

To use the project one only needs to first make their own artifact, it can be anything but I'll use artifact.md in the instructions. It must then be signed with the command "cosign sign-blob artifact.md --bundle artifact.bundle". Now to use the project you just need to enter "python main.py" along with the appropriate command afterwards for the action you are doing. For example, "python main.py -c" would get the latest entry from the rekord transparency log.