

Contexts in github action

- Contexts are variables that provide information about the workflow / pipeline, events, jobs, steps, env, secrets & more.
- They enable you to access metadata & use it to create dynamic workflows that can adjust their behaviour based on the context.

```

6 jobs:
7   send_email:
8     runs-on: ubuntu-latest
9     steps:
10      - name: "Checkout code"
11        uses: actions/checkout@v2
12
13      - name: "Setup python env"
14        uses: actions/setup-python@v2
15        with:
16          python-version: '3.x'
17
18      - name: "Install dependencies"
19        run: |
20          python -m pip install --upgrade pip
21
22      - name: "Send mail by executing python script"
23        run: python script.py
24        env:
25          WORKFLOW_NAME: ${{ github.workflow }}
26          REPO_NAME: ${{ github.repository }}
27          WORKFLOW_RUN_ID: ${{ github.run_id }}
28          SENDER_PASSWORD: ${{ secrets.SENDER_PASSWORD }}
29          SENDER_EMAIL: ${{ secrets.SENDER_EMAIL }}
30          RECEIVER_EMAIL: ${{ secrets.RECEIVER_EMAIL }}

```

clone the code

setup python 3.x

setup pip

run python script

context

secret of repo