

Fetch-Data-API

1. Define the Workflow:

- Create a YAML file named `21-01-Fetch-Data-API.yml` in the `.github/workflows` directory of your repository.

```
name: 21-01-Fetch-Data-API
on:
  workflow_dispatch:

jobs:
  fetch-todo:
    runs-on: ubuntu-latest
    steps:
      - name: Fetch Todo Data
        run: |
          # Use curl to fetch the data from the API endpoint
          # Integrate external systems within the Actions workflow
          # prepare API request with the required inputs like token payload
          etc

          todo_data=$(curl -s https://jsonplaceholder.typicode.com/todos/1)
          # Print the fetched data
          echo "Fetched Todo Data: $todo_data"
```

- Copy and paste the provided workflow YAML into this file.

2. Commit Changes:

- Commit the workflow YAML file to your repository.

3. Test the Workflow:

- Navigate to the "Actions" tab in your GitHub repository.
- Manually trigger the workflow by clicking on the "Run workflow" button for the `21-01-Fetch-Data-API` workflow.
- Monitor the workflow run and verify that the data is fetched from the API endpoint successfully.
- Check the logs to ensure that the fetched data is printed correctly.

4. Troubleshooting:

- If the workflow fails, review the logs to identify any errors in the script or workflow configuration.
- Ensure that the API endpoint (<https://jsonplaceholder.typicode.com/todos/1>) is accessible from the GitHub Actions environment.
- Debug any issues by adding debugging statements or inspecting the workflow environment during execution.