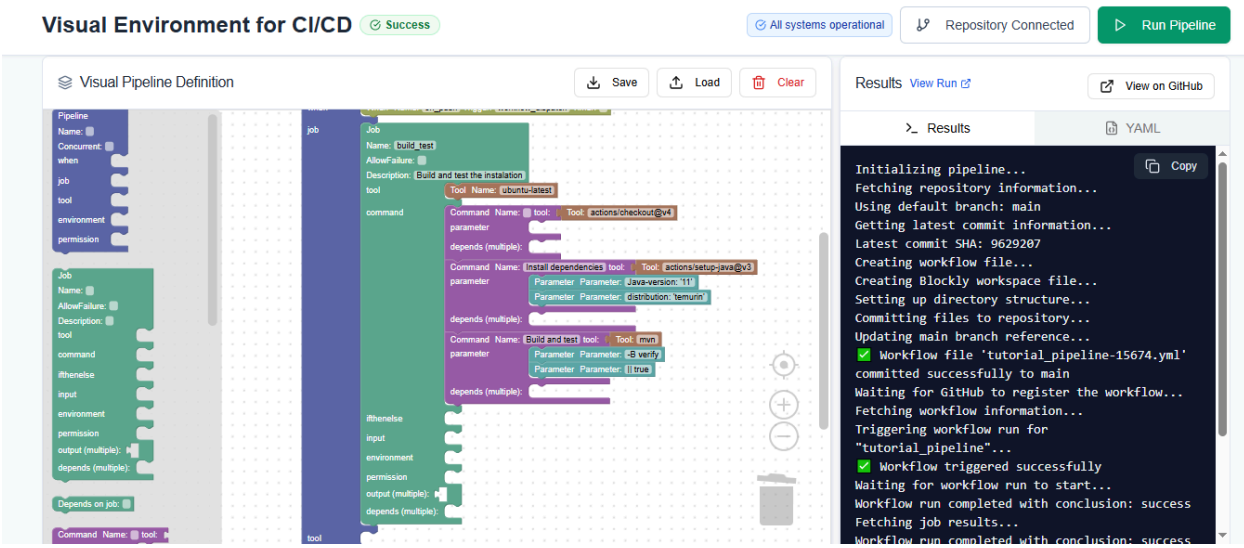
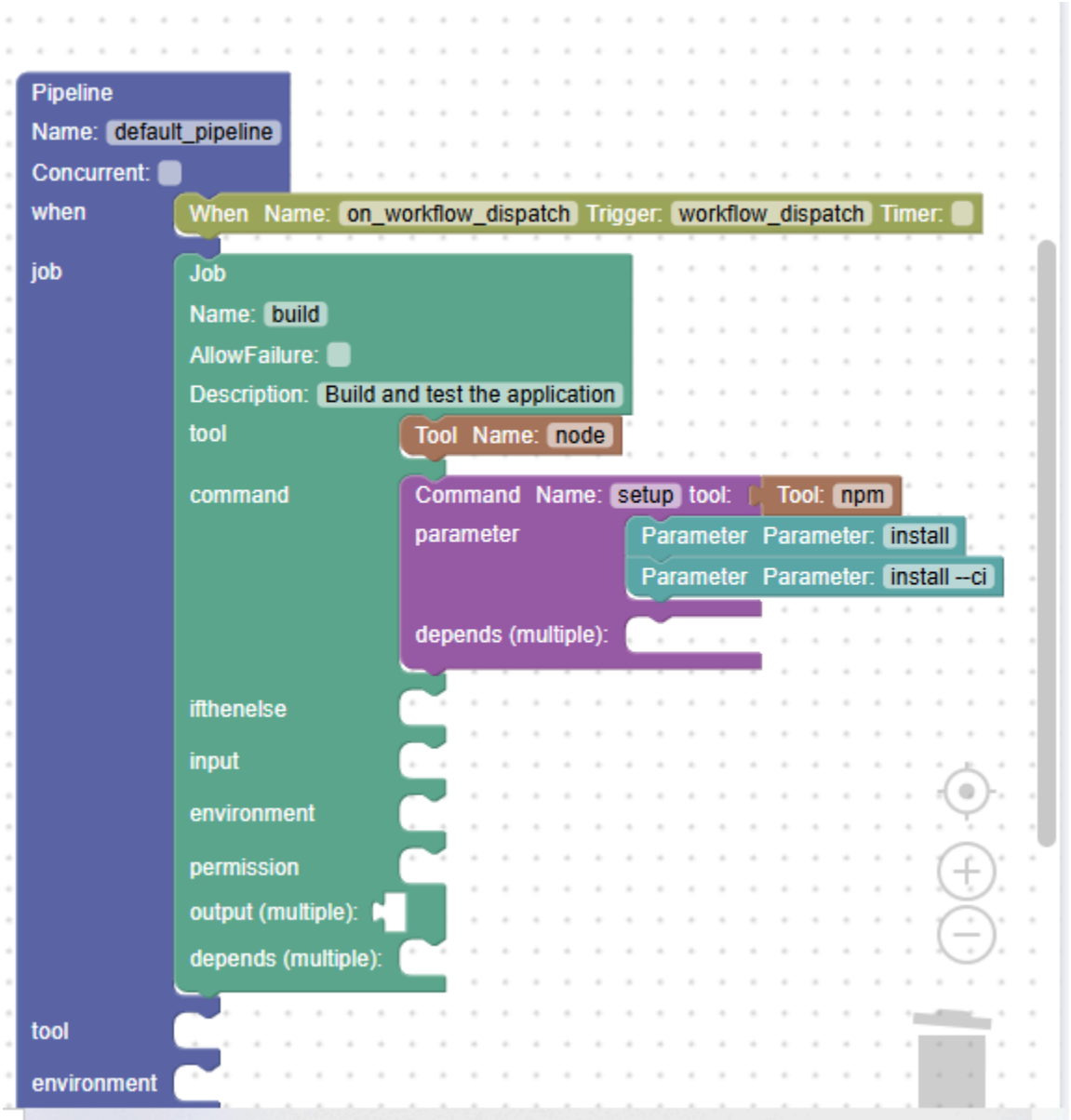
Tutorial Pipeline

1. **Features**
    - Use **blocks** for building **pipelines**
    - Easily copy and paste **blocks**
    - Drag and drop elements for intuitive organization
    - Switch between the results view and the generated YAML
    - Reset to the default **pipeline** with a single click
    - Connect directly to your code repository
    - Execute the **pipeline** seamlessly
    - Get real-time **pipeline** validation
    - Load existing **pipelines** or save new ones
    - Zoom in and zoom out

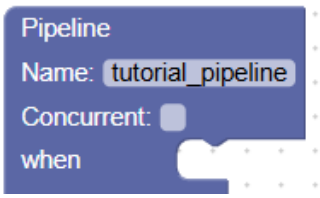


2. **The default Pipeline**

A simple **pipeline** containing one **when** condition, one **job**, one **tool**, and a single **command** that uses the tool with two **parameters**. This **pipeline** installs npm.

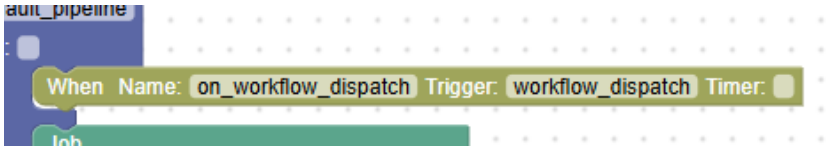


3. **The Pipeline Block**:



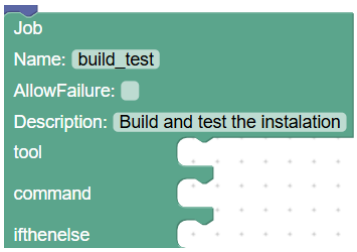
- Update the **pipeline block** and name it "tutorial_pipeline".

4. **When Block**:



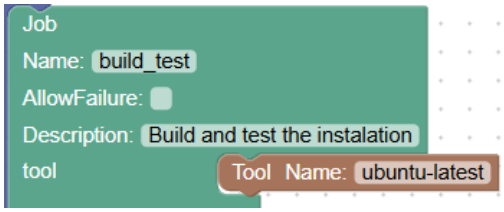
- Update the **when block** in the **pipeline**.
- Name it "on_workflow_dispatch".
- Set the trigger to "workflow_dispatch".

5. **Job Block**:



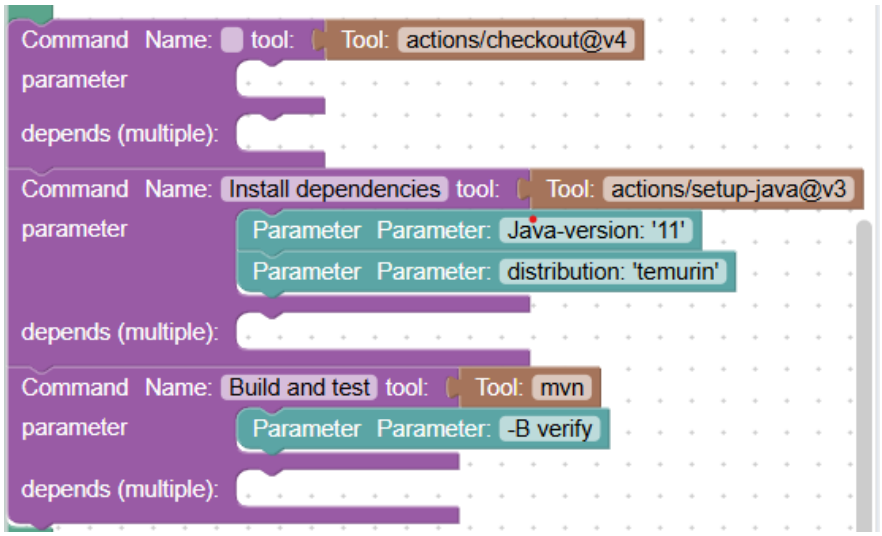
- Update the **job block** to the **pipeline**.
- Name it "build_test".

6. **Update the Tool Block inside the Job**:



- Inside the "build_test" **job**, add a **tool** block.
- Set the tool **parameter** to "*ubuntu-latest*".

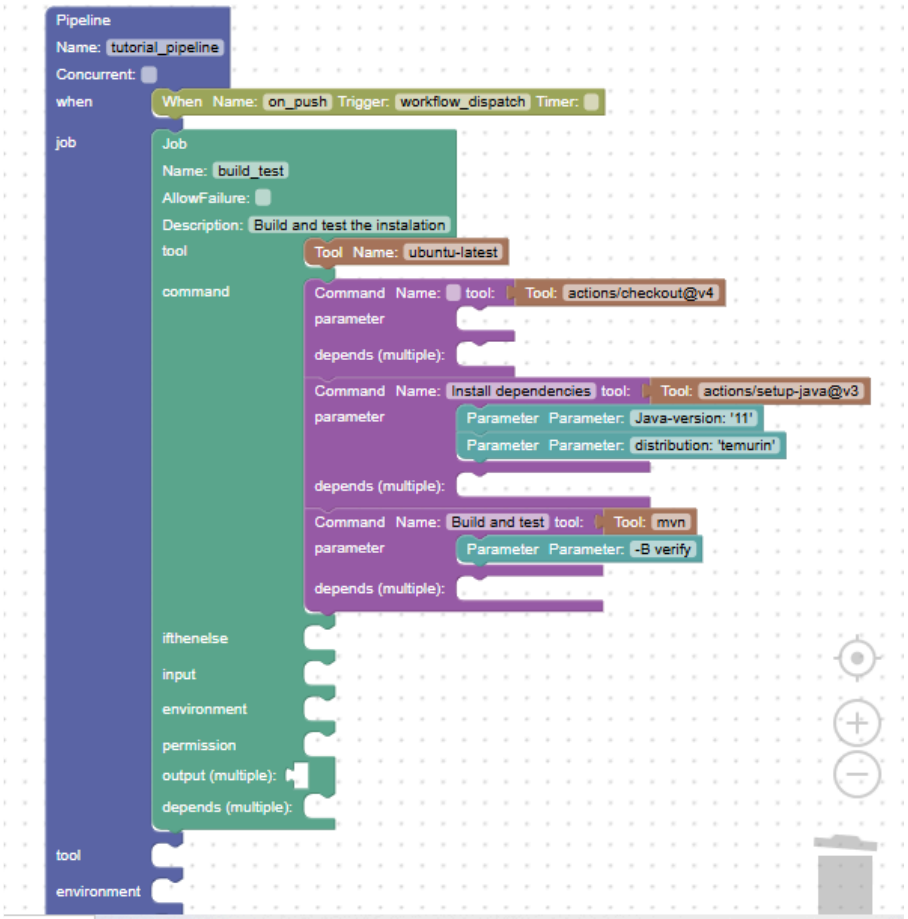
7. **Add Commands and Parameters**:



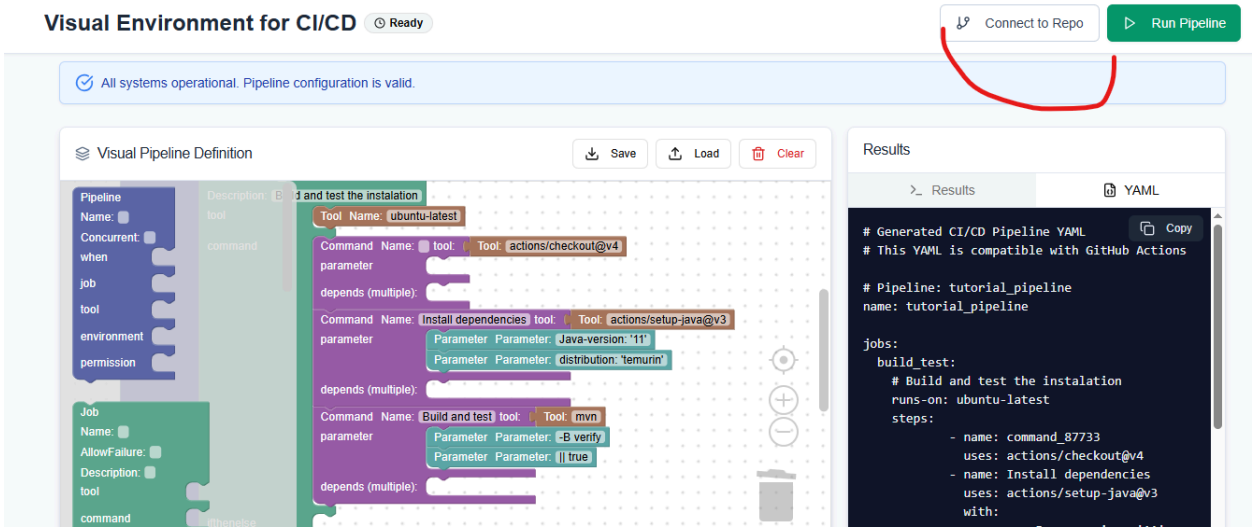
- Insert **command blocks** within a **job**, positioning them before or after existing **blocks**
- Each default **command block** includes one **tool** and one **parameter**
- Edit, delete, or rearrange **blocks** to match the output shown in the image
- Below is the list of **commands** contained in the **job** block
  - Add a **command** with the **tool** *"actions/checkout@v4"*.
  - Add a **command** with the **tool** *"actions/setup-java@v3".*
    1. Add a **parameter** with the value *"Java-version: '11'"*.
    2. Add a **parameter** with the value "*distribution: 'temurin'*".
  - Add a **command** with the **tool** "mvn".

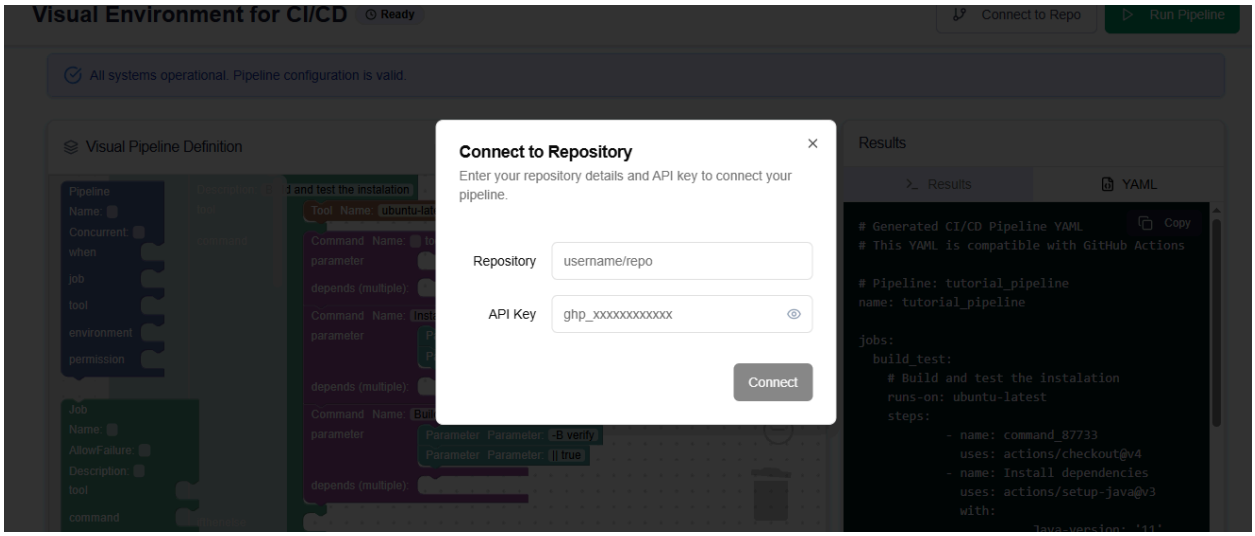
1. Add a **parameter** with the value *"-B verify"*.

8. **The complete Pipeline**

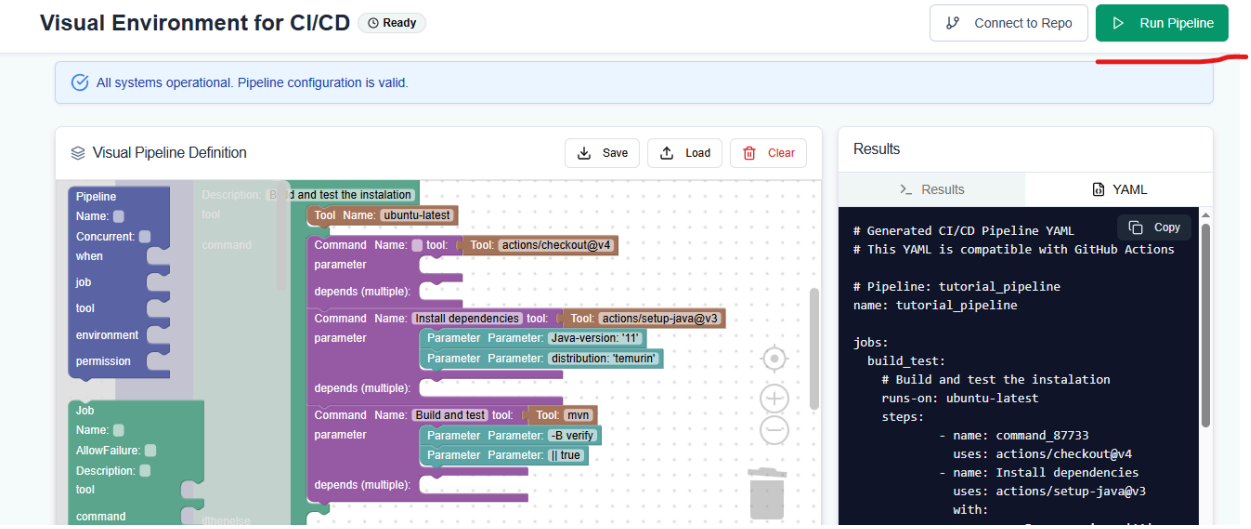


9. **Connect to the repository**



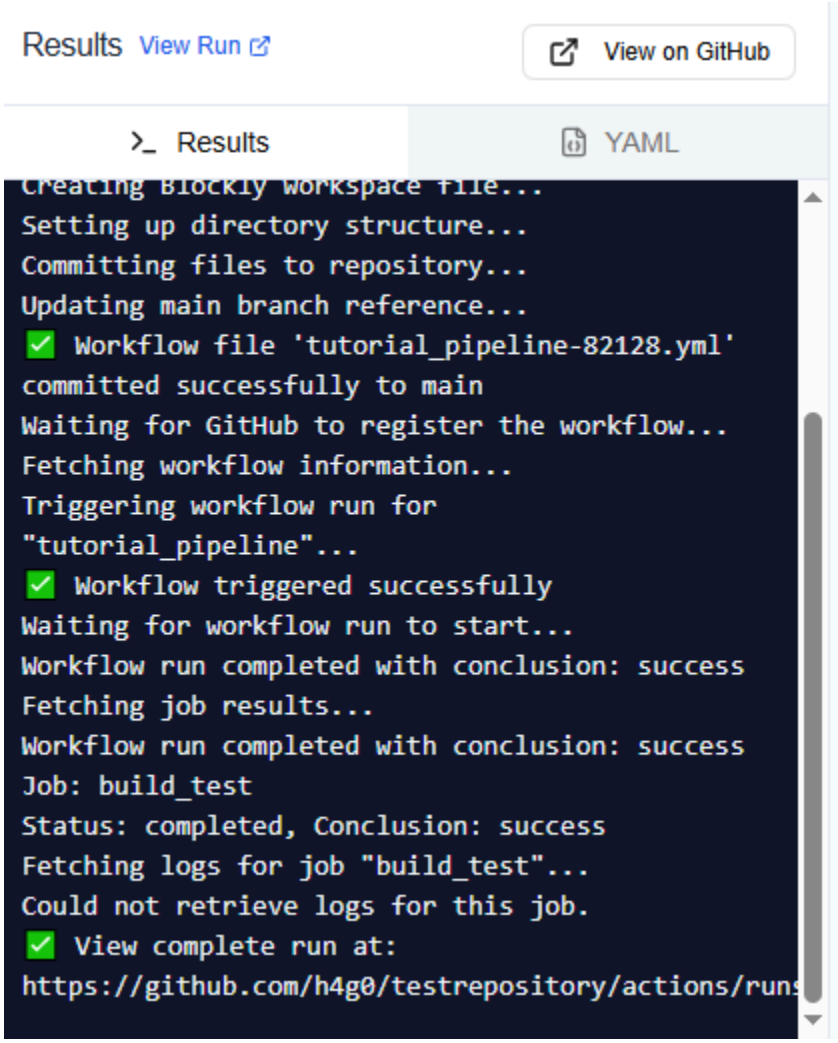


10. **Run the Pipeline**



11. **Results**

The outcome should be successful.


Results View Run
View on GitHub
Results
YAML
Creating Blockly workspace file...
Setting up directory structure...
Committing files to repository...
Updating main branch reference...
✅ Workflow file 'tutorial_pipeline-82128.yml'
committed successfully to main
Waiting for GitHub to register the workflow...
Fetching workflow information...
Triggering workflow run for
"tutorial_pipeline"...
✅ Workflow triggered successfully
Waiting for workflow run to start...
Workflow run completed with conclusion: success
Fetching job results...
Workflow run completed with conclusion: success
Job: build_test
Status: completed, Conclusion: success
Fetching logs for job "build_test"...
Could not retrieve logs for this job.
✅ View complete run at:
https://github.com/h4g0/testrepository/actions/runs