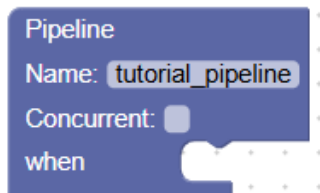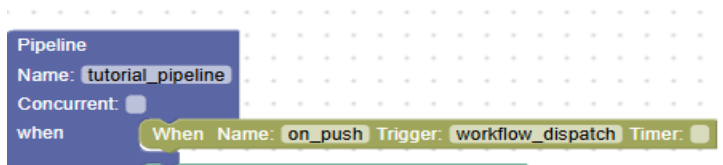# Tutorial Pipeline

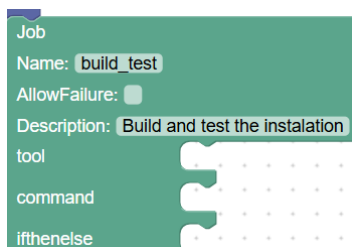1. **Create the Pipeline Block**:

   - Create a pipeline block and name it "tutorial_pipeline".

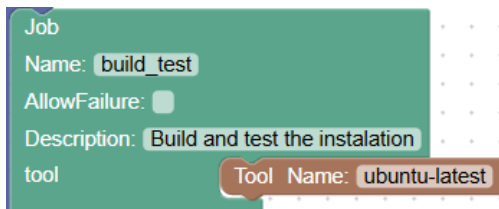2. **Add a When Block**:

   - Add a "When" block to the pipeline.

   - Name it "on_workflow_dispatch".

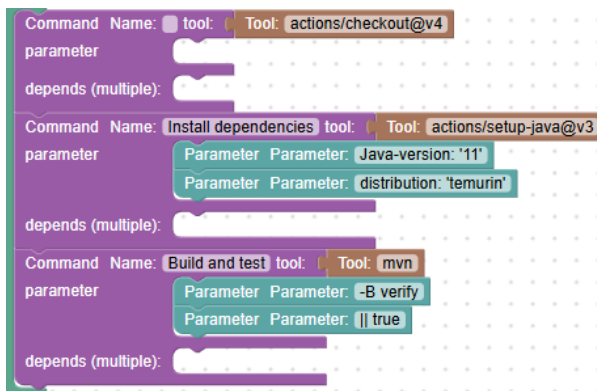   - Set the trigger to "workflow_dispatch".

3. **Add a Job Block**:

○ Add a "Job" block to the pipeline.

○ Name it "build_test".

4. **Add a Tool Block**:

○ Inside the "build_test" job, add a "Tool" block.

○ Set the tool parameter to "ubuntu-latest".

5. **Add Commands and Parameters**:

○ Add a command with the tool "actions/checkout@v4".

○ Add a command with the tool "actions/setup-java@v3".
   ■ Add a parameter with the value "Java-version: '11'".
   ■ Add a parameter with the value "distribution: 'temurin'".

○ Add a command with the tool "mvn".
   ■ Add a parameter with the value "-B verify".

6. **Connect to the repository**

Visual Environment for CI/CD ⏱ Ready

Connect to Repo ▷ Run Pipeline

✓ All systems operational. Pipeline configuration is valid.

Visual Pipeline Definition

⬇ Save ⬆ Load 🗑 Clear

Pipeline
Name:
Concurrent:
when
job
tool
environment
permission

Description: Build and test the instalation
tool
command

Tool Name: ubuntu-latest

Command Name: tool: Tool: actions/checkout@v4
parameter
depends (multiple):

Command Name: Install dependencies tool: Tool: actions/setup-java@v3
parameter Parameter Parameter: Java-version: '11'
Parameter Parameter: distribution: 'temurin'
depends (multiple):

Command Name: Build and test tool: Tool: mvn
parameter Parameter Parameter: -B verify
Parameter Parameter: || true
depends (multiple):

Job
Name:
AllowFailure:
Description:
tool
command

Results

>_ Results   📄 YAML

```
# Generated CI/CD Pipeline YAML                    📋 Copy
# This YAML is compatible with GitHub Actions

# Pipeline: tutorial_pipeline
name: tutorial_pipeline

jobs:
  build_test:
    # Build and test the instalation
    runs-on: ubuntu-latest
    steps:
      - name: command_87733
        uses: actions/checkout@v4
      - name: Install dependencies
        uses: actions/setup-java@v3
        with:
```

Visual Environment for CI/CD ⏱ Ready

Connect to Repo ▷ Run Pipeline

✓ All systems operational. Pipeline configuration is valid.

Visual Pipeline Definition

Results

>_ Results   📄 YAML

Connect to Repository ✕

Enter your repository details and API key to connect your pipeline.

Repository   [username/repo]

API Key   [ghp_xxxxxxxxxxxx] 👁

[Connect]

```
# Generated CI/CD Pipeline YAML                    📋 Copy
# This YAML is compatible with GitHub Actions

# Pipeline: tutorial_pipeline
name: tutorial_pipeline

jobs:
  build_test:
    # Build and test the instalation
    runs-on: ubuntu-latest
    steps:
      - name: command_87733
        uses: actions/checkout@v4
      - name: Install dependencies
        uses: actions/setup-java@v3
        with:
```

7. Run Pipeline