

## Add agent pool



Agent pools are shared across an organization.

Pool type:

☐ Managed DevOps Pool

Reduce the effort spent in maintaining custom agents by creating a Microsoft managed pool of scalable agents. [Learn more.](#)

☒ Self-hosted

Create a pool of custom agents hosted on your own infrastructure for maximum control and flexibility. [Learn more.](#)

☐ Azure virtual machine scale set

Create a pool of custom agents based on an Azure Virtual machine scale set hosted in your own Azure subscription. [View configuration instructions.](#)

Name:

Description (optional):

 [Markdown supported.](#)

Pipeline permissions:

☐ Grant access permission to all pipelines

Azure DevOps

menaosman839

FlaskProject / Overview / Summary

Q Search

FlaskProject

+

Overview

Summary

Dashboards

Wiki

Boards

Repos

Pipelines

Test Plans

Artifacts

F

FlaskProject

Private


Invite

About this project

Help others to get on board!

Describe your project and make it easier for other people to understand it.

+ Add Project Description



Project stats

Period: Last 7 days

Repos

0

Pull requests opened

2

Commits by 1 authors


Pipelines

0%

Builds succeeded

Members

1



Azure DevOps

menaosman839

FlaskProject / Pipelines

Q Search

FlaskProject

+

You selected a public repository, but this is not a public project. Go to [project settings](#) to change the visibility of the project. [Learn more](#)

✓ Connect

✓ Select

✓ Configure

Review

New pipeline

Review your pipeline YAML

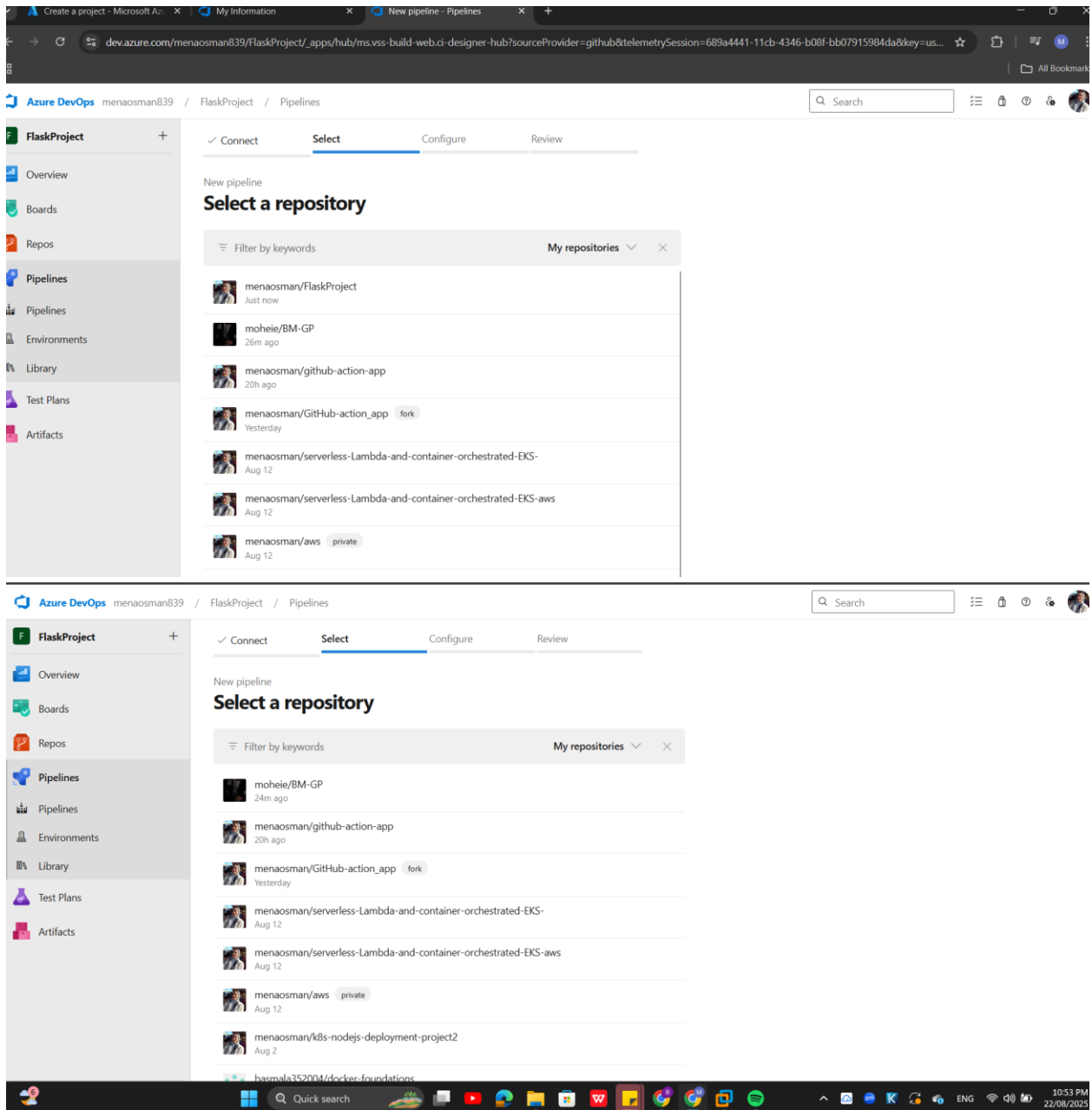
Variables

Run

menaosman/FlaskProject / azure-pipelines.yml

Show assistant

```
1 # Azure Pipelines: pytest + Docker build & push to Docker Hub
2 trigger:
3   branches:
4     include:
5       - main
6       - master
7
8 pool:
9   vmImage: "ubuntu-latest"
10
11 variables:
12   - pythonVersion: "3.12"
13   - # Set this to your Docker Hub repo, e.g. "yourname/flask-demo"
14     dockerhubRepo: "${DOCKER_HUB_REPO}" # optionally set as pipeline variable or replace with a literal
15   - imageTagSha: "${Build.SourceVersion}"
16   - # Name of the Docker Hub service connection you create in Project Settings + Service connections
17     dockerServiceConnection: "dockerhub-sc"
18
19 steps:
20   - checkout: self
```



dev.azure.com/menaosman839/FlaskProject/\_build

Azure DevOps menaosman839 / FlaskProject / Pipelines

FlaskProject

- Overview
- Boards
- Repos
- Pipelines
- Environments
- Library
- Test Plans
- Artifacts

### Create your first Pipeline

Automate your build and release processes using our wizard, and go from code to cloud-hosted within minutes.

Create Pipeline

```
# stop tracking files that shouldn't be in the repo
git rm -r --cached .venv __pycache__ .pytest_cache || true
git add .gitignore
git commit -m "chore: add .gitignore and remove venv from repo"
fatal: pathspec '.pytest_cache' did not match any files
[master a45b188] chore: add .gitignore and remove venv from repo
1 file changed, 9 insertions(+)
create mode 100644 .gitignore
(.venv) menna@menna-VMware-Virtual-Platform:~/FlaskProject$ git branch
* master
(.venv) menna@menna-VMware-Virtual-Platform:~/FlaskProject$ git branch -M main
(.venv) menna@menna-VMware-Virtual-Platform:~/FlaskProject$ git push -u origin main
Password for 'https://menaosman839@dev.azure.com':
Enumerating objects: 1942, done.
Counting objects: 100% (1942/1942), done.
Delta compression using up to 2 threads
Compressing objects: 100% (1915/1915), done.
Writing objects: 100% (1942/1942), 7.80 MiB | 3.59 MiB/s, done.
Total 1942 (delta 89), reused 0 (delta 0), pack-reused 0
remote: Analyzing objects... (1942/1942) (2515 ms)
remote: Validating commits... (2/2) done (3 ms)
remote: Storing packfile... done (223 ms)
remote: Storing index... done (48 ms)
remote: Updating refs... done (351 ms)
remote: We noticed you're using an older version of Git. For the best experience, upgrade to a newer version.
To https://dev.azure.com/menaosman839/FlaskProject/_git/FlaskProject
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
(.venv) menna@menna-VMware-Virtual-Platform:~/FlaskProject$
```

```
menna@menna-VMware-Virtual-Platform: ~/FlaskProject

create mode 100644 .venv/lib/python3.12/site-packages/_pytest/config/__pycache__/__init__.cpython-312.py
create mode 100644 .venv/lib/python3.12/site-packages/_pytest/config/__pycache__/argparsing.cpython-312.
create mode 100644 .venv/lib/python3.12/site-packages/_pytest/config/__pycache__/compat.cpython-312.pyc
create mode 100644 .venv/lib/python3.12/site-packages/_pytest/config/__pycache__/exceptions.cpython-312.
create mode 100644 .venv/lib/python3.12/site-packages/_pytest/config/__pycache__/findpaths.cpython-312.p
create mode 100644 .venv/lib/python3.12/site-packages/_pytest/config/argparsing.py
create mode 100644 .venv/lib/python3.12/site-packages/_pytest/config/compat.py
create mode 100644 .venv/lib/python3.12/site-packages/_pytest/config/exceptions.py
create mode 100644 .venv/lib/python3.12/site-packages/_pytest/config/findpaths.py
create mode 100644 .venv/lib/python3.12/site-packages/_pytest/debugging.py
create mode 100644 .venv/lib/python3.12/site-packages/_pytest/deprecated.py
create mode 100644 .venv/lib/python3.12/site-packages/_pytest/doctest.py
create mode 100644 .venv/lib/python3.12/site-packages/_pytest/faulthandler.py
create mode 100644 .venv/lib/python3.12/site-packages/_pytest/fixtures.py
create mode 100644 .venv/lib/python3.12/site-packages/_pytest/freeze_support.py
create mode 100644 .venv/lib/python3.12/site-packages/_pytest/helpconfig.py
create mode 100644 .venv/lib/python3.12/site-packages/_pytest/hooks.py
create mode 100644 .venv/lib/python3.12/site-packages/_pytest/junitxml.py
create mode 100644 .venv/lib/python3.12/site-packages/_pytest/legacypath.py
create mode 100644 .venv/lib/python3.12/site-packages/_pytest/logging.py
create mode 100644 .venv/lib/python3.12/site-packages/_pytest/main.py
create mode 100644 .venv/lib/python3.12/site-packages/_pytest/mark/__init__.py
create mode 100644 .venv/lib/python3.12/site-packages/_pytest/mark/__pycache__/__init__.cpython-312.pyc
create mode 100644 .venv/lib/python3.12/site-packages/_pytest/mark/__pycache__/expression.cpython-312.py
create mode 100644 .venv/lib/python3.12/site-packages/_pytest/mark/__pycache__/structures.cpython-312.py
create mode 100644 .venv/lib/python3.12/site-packages/_pytest/mark/expression.py
create mode 100644 .venv/lib/python3.12/site-packages/_pytest/mark/structures.py
create mode 100644 .venv/lib/python3.12/site-packages/_pytest/monkeypatch.py
create mode 100644 .venv/lib/python3.12/site-packages/_pytest/nodes.py
create mode 100644 .venv/lib/python3.12/site-packages/_pytest/outcomes.py
create mode 100644 .venv/lib/python3.12/site-packages/_pytest/pastebin.py
```

```
Aug 22 22:48
menna@menna-VMware-Virtual-Platform: ~/FlaskProject

===== test session starts =====
platform linux -- Python 3.12.3, pytest-8.2.0, pluggy-1.6.0
rootdir: /home/menna/FlaskProject
plugins: cov-5.0.0
collected 1 item

tests/test_app.py . [100%]

===== 1 passed in 0.10s =====

(.venv) menna@menna-VMware-Virtual-Platform:~/FlaskProject$ git add .
(.venv) menna@menna-VMware-Virtual-Platform:~/FlaskProject$ git commit -m "refactor: package app as flask_demo; fix
ts, Docker CMD, pipeline pytest path"
[master (root-commit) 3515a30] refactor: package app as flask_demo; fix imports, Docker CMD, pipeline pytest path
1782 files changed, 321085 insertions(+)
create mode 100644 .venv/bin/Activate.ps1
create mode 100644 .venv/bin/activate
create mode 100644 .venv/bin/activate.csh
create mode 100644 .venv/bin/activate.fish
create mode 100755 .venv/bin/coverage
create mode 100755 .venv/bin/coverage-3.12
create mode 100755 .venv/bin/coverage3
create mode 100755 .venv/bin/flask
create mode 100755 .venv/bin/gunicorn
create mode 100755 .venv/bin/pip
create mode 100755 .venv/bin/pip3
create mode 100755 .venv/bin/pip3.12
create mode 100755 .venv/bin/py.test
create mode 100755 .venv/bin/pytest
create mode 120000 .venv/bin/python
create mode 120000 .venv/bin/python3
create mode 120000 .venv/bin/python3.12
create mode 100644 .venv/lib/python3.12/site-packages/MarkupSafe-3.0.2.dist-info/INSTALLER
create mode 100644 .venv/lib/python3.12/site-packages/MarkupSafe-3.0.2.dist-info/LICENSE.txt
```

```

(.venv) menna@menna-VMware-Virtual-Platform:~/FlaskProject$ PYTHONPATH=. pytest
===== test session starts =====
platform linux -- Python 3.12.3, pytest-8.2.0, pluggy-1.6.0
rootdir: /home/menna/FlaskProject
plugins: cov-5.0.0
collected 1 item

tests/test_app.py . [100%]

===== 1 passed in 0.09s =====
(.venv) menna@menna-VMware-Virtual-Platform:~/FlaskProject$ mkdir flask_demo
(.venv) menna@menna-VMware-Virtual-Platform:~/FlaskProject$ mv app.py flask_demo/__init__.py
(.venv) menna@menna-VMware-Virtual-Platform:~/FlaskProject$ nano test_app.py
(.venv) menna@menna-VMware-Virtual-Platform:~/FlaskProject$ nano tests/test_app.py
(.venv) menna@menna-VMware-Virtual-Platform:~/FlaskProject$ pytest
===== test session starts =====
platform linux -- Python 3.12.3, pytest-8.2.0, pluggy-1.6.0
rootdir: /home/menna/FlaskProject
plugins: cov-5.0.0
collected 0 items / 1 error

```

```

menna@menna-VMware-Virtual-Platform: ~/FlaskProject
(.venv) menna@menna-VMware-Virtual-Platform:~/FlaskProject$ cd /home/menna/Downloads/flask-demo
(.venv) menna@menna-VMware-Virtual-Platform:~/Downloads/flask-demo$ cp -r flask-demo/* .
cp: cannot stat 'flask-demo/*': No such file or directory
(.venv) menna@menna-VMware-Virtual-Platform:~/Downloads/flask-demo$ ls
app.py          Dockerfile      requirements-dev.txt  tests
azure-pipelines.yml  README.md      requirements.txt
(.venv) menna@menna-VMware-Virtual-Platform:~/Downloads/flask-demo$ cd ~/FlaskProject
(.venv) menna@menna-VMware-Virtual-Platform:~/FlaskProject$ cp -r ~/Downloads/flask-demo/* .
(.venv) menna@menna-VMware-Virtual-Platform:~/FlaskProject$ ls
app.py          Dockerfile      requirements-dev.txt  tests
azure-pipelines.yml  README.md      requirements.txt
(.venv) menna@menna-VMware-Virtual-Platform:~/FlaskProject$ source .venv/bin/activate
(.venv) menna@menna-VMware-Virtual-Platform:~/FlaskProject$ pip install -r requirements-dev.txt
Collecting Flask==3.0.3 (from -r requirements.txt (line 1))
  Downloading flask-3.0.3-py3-none-any.whl.metadata (3.2 kB)
Collecting gunicorn==22.0.0 (from -r requirements.txt (line 2))
  Downloading gunicorn-22.0.0-py3-none-any.whl.metadata (4.4 kB)
Collecting pytest==8.2.0 (from -r requirements-dev.txt (line 2))
  Downloading pytest-8.2.0-py3-none-any.whl.metadata (7.5 kB)
Collecting pytest-cov==5.0.0 (from -r requirements-dev.txt (line 3))
  Downloading pytest_cov-5.0.0-py3-none-any.whl.metadata (27 kB)
Collecting Werkzeug==3.0.0 (from Flask==3.0.3->-r requirements.txt (line 1))
  Downloading werkzeug-3.1.3-py3-none-any.whl.metadata (3.7 kB)
Collecting Jinja2==3.1.2 (from Flask==3.0.3->-r requirements.txt (line 1))
  Downloading jinja2-3.1.6-py3-none-any.whl.metadata (2.9 kB)
Collecting itsdangerous==2.1.2 (from Flask==3.0.3->-r requirements.txt (line 1))
  Downloading itsdangerous-2.2.0-py3-none-any.whl.metadata (1.9 kB)
Collecting click==8.1.3 (from Flask==3.0.3->-r requirements.txt (line 1))
  Downloading click-8.2.1-py3-none-any.whl.metadata (2.5 kB)
Collecting blinker==1.6.2 (from Flask==3.0.3->-r requirements.txt (line 1))
  Downloading blinker-1.9.0-py3-none-any.whl.metadata (1.6 kB)
Collecting packaging (from gunicorn==22.0.0->-r requirements.txt (line 2))
  Downloading packaging-25.0-py3-none-any.whl.metadata (3.3 kB)

```

```
menna@menna-VMware-Virtual-Platform: ~/FlaskProject
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  python3-pip-whl python3-setuptools-whl
The following NEW packages will be installed:
  python3-pip-whl python3-setuptools-whl python3.12-venv
0 upgraded, 3 newly installed, 0 to remove and 14 not upgraded.
Need to get 2,425 kB of archives.
After this operation, 2,771 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://security.ubuntu.com/ubuntu noble-security/universe amd64 python3.12-venv
Get:2 http://eg.archive.ubuntu.com/ubuntu noble-updates/universe amd64 python3-pip-whl
]
Get:3 http://eg.archive.ubuntu.com/ubuntu noble-updates/universe amd64 python3-setuptools-whl
kB]
Fetched 2,425 kB in 2s (1,139 kB/s)
Selecting previously unselected package python3-pip-whl.
(Reading database ... 224683 files and directories currently installed.)
Preparing to unpack .../python3-pip-whl_24.0+dfsg-1ubuntu1.2_all.deb ...
Unpacking python3-pip-whl (24.0+dfsg-1ubuntu1.2) ...
Selecting previously unselected package python3-setuptools-whl.
Preparing to unpack .../python3-setuptools-whl_68.1.2-2ubuntu1.2_all.deb ...
Unpacking python3-setuptools-whl (68.1.2-2ubuntu1.2) ...
Selecting previously unselected package python3.12-venv.
Preparing to unpack .../python3.12-venv_3.12.3-1ubuntu0.8_amd64.deb ...
Unpacking python3.12-venv (3.12.3-1ubuntu0.8) ...
Setting up python3-setuptools-whl (68.1.2-2ubuntu1.2) ...
Setting up python3-pip-whl (24.0+dfsg-1ubuntu1.2) ...
Setting up python3.12-venv (3.12.3-1ubuntu0.8) ...
menna@menna-VMware-Virtual-Platform:~/FlaskProject$ python3 -m venv .venv && source .
(.venv) menna@menna-VMware-Virtual-Platform:~/FlaskProject$
```



```
menna@menna-VMware-Virtual-Platform: ~/FlaskProject
menna@menna-VMware-Virtual-Platform:~$ git clone https://menaosman839@dev.azure.com/menaosman839/FlaskProject/_git/FlaskProject
Cloning into 'FlaskProject'...
Password for 'https://menaosman839@dev.azure.com':
warning: You appear to have cloned an empty repository.
menna@menna-VMware-Virtual-Platform:~$ cd ~/FlaskProject
menna@menna-VMware-Virtual-Platform:~/FlaskProject$ python3 -m venv .venv && source .venv/bin/activate
The virtual environment was not created successfully because ensurepip is not
available. On Debian/Ubuntu systems, you need to install the python3-venv
package using the following command.

    apt install python3.12-venv

You may need to use sudo with that command. After installing the python3-venv
package, recreate your virtual environment.

Failing command: /home/menna/FlaskProject/.venv/bin/python3

menna@menna-VMware-Virtual-Platform:~/FlaskProject$ apt install python3.12-venv
E: Could not open lock file /var/lib/dpkg/lock-frontent - open (13: Permission denied)
E: Unable to acquire the dpkg frontend lock (/var/lib/dpkg/lock-frontent), are you root?
menna@menna-VMware-Virtual-Platform:~/FlaskProject$ sudo apt install python3.12-venv
[sudo] password for menna:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  python3-pip-whl python3-setuptools-whl
The following NEW packages will be installed:
  python3-pip-whl python3-setuptools-whl python3.12-venv
0 upgraded, 3 newly installed, 0 to remove and 14 not upgraded.
Need to get 2,425 kB of archives.
After this operation, 2.771 kB of additional disk space will be used.
```

FlaskProject

Overview

Boards

Repos

Files

Commits

Pushes

Branches

Tags

Pull requests

Advanced Security

Pipelines

Test Plans

Artifacts

FlaskProject is empty. Add some code!

Clone to your computer

HTTPS

SSH

https://menaosman839@dev.azure.com/menaosman839/FlaskProject

OR

Clone in VS Code

[Learn more about HTTPS](#)

Generate Git Credentials

Having problems authenticating in Git? Be sure to get the latest version [Git for Windows](#) or our plugins for [IntelliJ](#), [Eclipse](#), [Android Studio](#) or [Windows command line](#)

Push an existing repository from command line

HTTPS

SSH

git remote add origin https://menaosman839@dev.azure.com/menaosman839/FlaskProject/\_git/FlaskProject

Import a repository

Import



Azure DevOps

menasman839 / FlaskProject / Overview / Summary

FlaskProject

Overview

Summary

Dashboards

Wiki

Boards

Repos

Pipelines

Test Plans

Artifacts

FlaskProject

Private

Invite

### Welcome to the project!

What service would you like to start with?

BoardsReposPipelinesTest PlansArtifacts

Project stats

No stats are available at this moment  
Setup a service to see project activity.

Microsoft Azure

Search resources, services, and docs (G+ /)

Copilot

MenasAli@GUEJUNG GALALA UNIVERSITY

Welcome to Azure!

Don't have a subscription? Check out the following options.

#### Start with an Azure free trial

Get \$200 free credit toward Azure products and services, plus 12 months of popular free services.

Start

#### Manage Microsoft Entra ID

Manage access, set smart policies, and enhance security with Microsoft Entra ID.

ViewLearn more G

#### Azure for Students

Get free software, Azure credit, or access Azure Dev Tools for Teaching after you verify your academic status.

Start

Azure services

Create a resource

Quickstart Center

Azure AI Foundry

Kubernetes services

Virtual machines

App Services

Storage accounts

SQL databases

Azure Cosmos DB

More services

Resources

Quickstart Center - Microsoft A

(2) WhatsApp

portal.azure.com/#view/Microsoft\_Azure\_Resources/QuickstartCenterMenuBlade/~overviewTab?subscriptionId=574a10e3-9d3e-439b-a7b2-f86140d1ccec

Microsoft Azure Upgrade Search resources, services, and docs (G+ /) Copilot menaosman839@gmail... DEFAULT DIRECTORY

Home >

Quickstart Center

Microsoft Azure

Search

Suggest an Azure AI template to quickstart Help me understand how to estimate costs Help me understand how to estimate costs in Azure

Overview

Starter checklist

Create

Learn and optimize

Help

Starter checklist

New to Azure? Watch videos, review key points, and try exercises for topics like navigation, architecting your first Azure solution, and managing costs.

Navigating the Azure Portal

Starting your project

Pricing and management

Complete

Start

Create

Explore popular Azure services and start your first project. Create a popular service like Linux virtual machine or try an interactive deployment for comprehensive solutions using Azure Developer CLI.

Popular services

Explore services like virtual machines, web apps, and database and create your first Azure resource.

Create a web app

Deploy and run a container-based app

Deploy a virtual machine

Popular solutions

Explore end-to-end solutions and experience interactive deployments with Azure Developer CLI.

Deploy a Linux virtual machine

Deploy an AI model on AKS with the AI

Deploy an Azure Kubernetes Service

hub.docker.com/repository/docker/menaosman/github-action-app/general

menaosman

Docker Personal

Repositories

Collaborations

Settings

Default privacy

Notifications

Billing

Usage

Pulls

Storage

menaosman/github-action-app

Last pushed 11 minutes ago • Repository size: 47.2 MB

Add a description Add a category

General

Tags

Image Management

BETA

Collaborators

Webhooks

Settings

Tags

DOCKER SCOUT INACTIVE

Activate

This repository contains 1 tag(s).

Tag	OS	Type	Pulled	Pushed
localtest		Image	less than 1 day	11 minutes

See all

Docker command

To push a new tag to this repository:

docker push menaosman839@gmail.com:tag

buildcloud

Build with Docker Build Cloud

Accelerate image build time cloud-based builders and CI/CD

Docker Build Cloud execute optimally-dimensioned cloud with dedicated per-organization

Get faster builds through shared across your team, native multi-tenant support, and encrypted data without managing infrastructure

Go to Docker Build Cloud

