

C:\Users\User\Documents\TP4>**docker login**

Authenticating with existing credentials... [Username: ineshk]

i Info → To login with a different account, run 'docker logout' followed by 'docker login'

2025/11/12 22:33:36 notifying Desktop of credentials store update: Post

"http://ipc/registry/credstore-updated": context deadline exceeded

Login Succeeded

C:\Users\User\Documents\TP4>**docker build -t tp3-image.1.0 .**

```
[+] Building 7.1s (11/11) FINISHED                                docker:desktop-linux
=> [internal] load build definition from Dockerfile                0.1s
=> => transferring dockerfile: 199B                                0.0s
=> [internal] load metadata for docker.io/library/python:3.11-slim
4.1s
=> [auth] library/python:pull token for registry-1.docker.io      0.0s
=> [internal] load .dockerignore                                    0.0s
=> => transferring context: 2B                                       0.0s
=> [1/5] FROM docker.io/library/python:3.11-slim
slim@sha256:e4676722fba839e2e5cdb844a52262b43e90e56dbd55b7ad 0.2s
=> => resolve docker.io/library/python:3.11-slim
slim@sha256:e4676722fba839e2e5cdb844a52262b43e90e56dbd55b7ad 0.2s
=> [internal] load build context                                    0.2s
=> => transferring context: 242B                                       0.1s
=> CACHED [2/5] WORKDIR /app                                         0.0s
=> CACHED [3/5] COPY requirements.txt ./                             0.0s
=> CACHED [4/5] RUN pip install --no-cache-dir -r requirements.txt
0.0s
=> CACHED [5/5] COPY . .                                             0.0s
=> exporting to image                                                0.9s
=> => exporting layers                                              0.0s
=> => exporting manifest
sha256:ac114f87a1233a40c0543a8adc5d95dc4ae2de8f3b10f1ff356c84e4256288a5
0.0s
```

=> => exporting config

sha256:1f161b635025197d3f0d26388610098d6118694c4d822547aace165c1702af0e
0.0s

=> => exporting attestation manifest

sha256:908ceec76be123784d4f66ba7a565a7dba84de2deb5e12ac1b73cb9d3485 0.2s

=> => exporting manifest list

sha256:2b7e9472fa435363ae41aab7fea76e8ca899dbdea7ed44eba8923b9fbff632e3
0.2s

=> => naming to docker.io/library/tp3-image:1.0 0.1s

=> => unpacking to docker.io/library/tp3-image:1.0 0.1s

C:\Users\User\Documents\TP4>**docker tag tp3-image:1.0 ineshk/tp3:1.0**

C:\Users\User\Documents\TP4>**docker push ineshk/tp3:1.0**

The push refers to repository [docker.io/ineshk/tp3]

6acebaeb6c5c: Layer already exists

d7ecdcd7702a: Layer already exists

f002d17b63fe: Layer already exists

cc65c7af130b: Layer already exists

84bff50156f4: Layer already exists

b13c8d1fd7c8: Layer already exists

9ad5ed543b0d: Pushed

65868b001a40: Layer already exists

1ee9c106547f: Layer already exists

1.0: digest:

sha256:2b7e9472fa435363ae41aab7fea76e8ca899dbdea7ed44eba8923b9fbff632e3 size:
856

C:\Users\User\Documents\TP4>**docker pull ineshk/tp3:1.0**

1.0: Pulling from ineshk/tp3

Digest:

sha256:2b7e9472fa435363ae41aab7fea76e8ca899dbdea7ed44eba8923b9fbff632e3

Status: Image is up to date for ineshk/tp3:1.0

docker.io/ineshk/tp3:1.0

C:\Users\User\Documents\TP4>**docker create --name app1 -p 5001:5000 ineshk/tp3:1.0**

Error response from daemon: Conflict. The container name "/app1" is already in use by container

"705d51f48a04d2e863e28f352344fbf72ea0918a01cff6d9991b797244a6702c". You have to remove (or rename) that container to be able to reuse that name.

C:\Users\User\Documents\TP4>**docker create --name app2 -p 5002:5000 ineshk/tp3:1.0**

Error response from daemon: Conflict. The container name "/app2" is already in use by container

"96aa08050cf2479b2b622f34c9da06215177de3dfd187bb972ac136993a07808". You have to remove (or rename) that container to be able to reuse that name.

C:\Users\User\Documents\TP4>**docker create --name app3 -p 5003:5000 ineshk/tp3:1.0**

Error response from daemon: Conflict. The container name "/app3" is already in use by container

"bb73a01802b3931723fb7ce56dbd91983bb1e937dd5d051efeec841374206e0e". You have to remove (or rename) that container to be able to reuse that name.

C:\Users\User\Documents\TP4>**docker network create tp3-net**

Error response from daemon: network with name tp3-net already exists

C:\Users\User\Documents\TP4>**docker network connect tp3-net app1**

Error response from daemon: endpoint with name app1 already exists in network tp3-net

C:\Users\User\Documents\TP4>**docker network connect tp3-net app2**

Error response from daemon: endpoint with name app2 already exists in network tp3-net

C:\Users\User\Documents\TP4>**docker network connect tp3-net app3**

Error response from daemon: endpoint with name app3 already exists in network tp3-net

C:\Users\User\Documents\TP4>**docker start app1 app2 app3**

app1

app2

app3

```
C:\Users\User\Documents\TP4>docker ps
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS
--------------	-------	---------	---------	--------	-------

bb73a01802b3	8b5668f84f1b	"python app.py"	8 hours ago	Up 8 hours	
0.0.0.0:5003->5000/tcp, [::]:5003->5000/tcp		app3			
96aa08050cf2	8b5668f84f1b	"python app.py"	8 hours ago	Up 8 hours	
0.0.0.0:5002->5000/tcp, [::]:5002->5000/tcp		app2			
705d51f48a04	8b5668f84f1b	"python app.py"	8 hours ago	Up 8 hours	
0.0.0.0:5001->5000/tcp, [::]:5001->5000/tcp		app1			

```
C:\Users\User\Documents\TP4>curl http://localhost:5001/
```

TP3 running in Docker!

```
C:\Users\User\Documents\TP4>curl http://localhost:5002/
```

TP3 running in Docker!

```
C:\Users\User\Documents\TP4>curl http://localhost:5003/
```

TP3 running in Docker!

```
C:\Users\User\Documents\TP4>docker network inspect tp3-net
```

```
[
  {
    "Name": "tp3-net",
    "Id": "258cbfe320ab4f9f53658e7bd1f98971c078ce9695f0a9570ea5c2dbd1d87ddd",
    "Created": "2025-11-05T00:20:00.164943614Z",
    "Scope": "local",
    "Driver": "bridge",
    "EnableIPv4": true,
    "EnableIPv6": false,
    "IPAM": {
      "Driver": "default",
      "Options": {},
      "Config": [
        {
          "Subnet": "172.18.0.0/16",
          "Gateway": "172.18.0.1"
        }
      ]
    }
  }
]
```

```
    },
    "Internal": false,
    "Attachable": false,
    "Ingress": false,
    "ConfigFrom": {
      "Network": ""
    },
    "ConfigOnly": false,
    "Containers": {
      "705d51f48a04d2e863e28f352344fbf72ea0918a01cff6d9991b797244a6702c": {
        "Name": "app1",
        "EndpointID":
"5640e7c10e5e76a16808d85fc5d6167e118c1768bf28e0cfd49941ab23e4841e",
        "MacAddress": "9e:18:2b:d9:f0:52",
        "IPv4Address": "172.18.0.2/16",
        "IPv6Address": ""
      },
      "96aa08050cf2479b2b622f34c9da06215177de3dfd187bb972ac136993a07808":
{
    "Name": "app2",
    "EndpointID":
"67a75f0a81d479211721ce82283eaace9d34e6c0dcd00d10addd68782b609064",
    "MacAddress": "1e:a7:3a:46:f6:51",
    "IPv4Address": "172.18.0.3/16",
    "IPv6Address": ""
  },
  "bb73a01802b3931723fb7ce56dbd91983bb1e937dd5d051efeec841374206e0e":
{
    "Name": "app3",
    "EndpointID":
"adf9e2a2c753b3e370d5efa52196e401f8f483c750262be2898627a9474d47aa",
    "MacAddress": "1e:be:2c:b8:86:4c",
    "IPv4Address": "172.18.0.4/16",
    "IPv6Address": ""
  }
    },
  },
}
```

```

"Options": {
  "com.docker.network.enable_ipv4": "true",
  "com.docker.network.enable_ipv6": "false"
},
"Labels": {}
}
]

```

Dockerfile :

```

FROM python:3.11-slim
WORKDIR /app
COPY requirements.txt ./
RUN pip install --no-cache-dir -r requirements.txt
COPY . .
EXPOSE 5000
CMD ["python","app.py"]

```

The screenshot shows the Docker Desktop application window. The left sidebar contains navigation options: Ask Gordon (BETA), Containers (selected), Images, Volumes, Kubernetes, Builds, Models, MCP Toolkit (BETA), Docker Hub, Docker Scout, and Extensions. The main area displays the 'Containers' tab with a search bar and a toggle for 'Only show running containers'. Below this is a table of running containers.

	Name	Container ID	Image	Port(s)	CPU (%)	Last started	Actions
<input type="checkbox"/>	app1	705d51f48a04	ineshk/tp3	5001:5000	0.07%	8 hours ago	
<input type="checkbox"/>	app2	96aa08050cf2	ineshk/tp3	5002:5000	0.03%	8 hours ago	
<input type="checkbox"/>	app3	bb73a01802b3	ineshk/tp3	5003:5000	0.03%	8 hours ago	
<input type="checkbox"/>	laughing_elbaky	d7e65b941886	ineshk/tp3		0.03%	4 minutes ago	

At the bottom of the window, a status bar shows: Engine running, RAM 0.98 GB, CPU 1.77%, Disk: 1.99 GB used (limit 1006.85 GB), and buttons for Terminal and Update available.

docker.desktopPERSONAL

Search

Ctrl+K

4

Ask GordonBETA

Containers

Images

Volumes

Kubernetes

Builds

Models

MCP ToolkitBETA

Docker Hub

Docker Scout

Extensions

Images

LocalMy Hub

159.89 MB / 751.16 MB in use5 Images

Last refresh: 9 hours ago

Search

	Name	Tag	Image ID	Created	Size	Actions
<input type="checkbox"/>	ineshk/tp3	latest	fd795eb26592	7 days ago	211.72 MB	<div></div> <div></div> <div></div> <div></div>
<input type="checkbox"/>	postgres	16	21f6013073bc	8 days ago	635.48 MB	<div></div> <div></div> <div></div> <div></div>
<input type="checkbox"/>	ineshenka/tp3	1.0	0efc9f284130	7 days ago	211.72 MB	<div></div> <div></div> <div></div> <div></div>
<input type="checkbox"/>	<none>	<none>	8b5668f84f1b	7 days ago	211.72 MB	<div></div> <div></div> <div></div> <div></div>
<input type="checkbox"/>	ineshk/tp3	1.0	2b7e9472fa43	7 days ago	211.72 MB	<div></div> <div></div> <div></div> <div></div>
<input type="checkbox"/>	tp3-image	1.0	2b7e9472fa43	7 days ago	211.72 MB	<div></div> <div></div> <div></div> <div></div>

Showing 6 items

Engine runningRAM 0.98 GB CPU 0.75% Disk: 1.99 GB used (limit 1006.85 GB)

TerminalUpdate available

127.0.0.1:5002127.0.0.1:5001127.0.0.1:5000ineshk/tp3 general | Docker Hub

127.0.0.1:5000

TP3 running in Docker!

ineshk/tp3 general | Docker Hub

https://hub.docker.com/repository/docker/ineshk/tp3/general

Import favorites0561339805GmailYouTubeTraduire

hubExploreMy Hub

Search Docker Hub

CtrlK

ineshkDocker Personal

Repositories

Hardened Images

Collaborations

Settings

Default privacy

Notifications

Billing

Usage

Pulls

Storage

Repositories / tp3 / General

ineshk/tp3

Last pushed about 14 hours ago · Repository size: 49.4 MB · 0 · 79

Add a description

Add a category

GeneralTagsImage ManagementBETACollaboratorsWebhooksSettings

Tags

DOCKER SCOUT INACTIVE

This repository contains 2 tag(s).

Tag	OS	Type	Pulled	Pushed
1.0		Image	less than 1 day	about 14 hours
latest		Image	less than 1 day	8 days

See all

buildcloud

Build with Docker Build Cloud

Accelerate image build times with access to cloud-based builders and shared cache.

Docker Build Cloud executes builds on optimally-dimensioned cloud infrastructure with dedicated per-organization isolation.

Docker commands

To push a new tag to this repository:

docker push ineshk/tp3:tagname

Public view

