

Rangle.io

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## Rangle.io

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*multiple platforms*

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## Jenkins setup

```
docker image pull jenkins/jenkins:lts
```

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```
➤ personal docker pull jenkins/jenkins:lts
lts: Pulling from jenkins/jenkins
9cc2ad81d40d: Pull complete
e6cb98e32a52: Pull complete
ae1b8d879bad: Pull complete
42cfa3699b05: Pull complete
8d27062ef0ea: Pull complete
9b91647396e3: Pull complete
7498c1055ea3: Pull complete
7649b1010bf2: Pull complete
1c3f5e14c681: Pull complete
a204aa63f757: Pull complete
9b57f731dd16: Pull complete
d21f82c5429a: Pull complete
440e5fb06ea6: Pull complete
5d43ca048df2: Pull complete
1421ef7f2b0c: Pull complete
0c2b6150f92f: Pull complete
9e0d2e7a610a: Pull complete
36bd756f5339: Pull complete
e27e28c0b503: Pull complete
Digest: sha256:7cfe34701992434cc08bfd40e80e04ab406522214cf9bbefa57a5432a123b340
Status: Downloaded newer image for jenkins/jenkins:lts
```

## Persisting Jenkins Data

```
docker volume create [YOUR VOLUME]
```

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```
-v [YOUR VOLUME]:/var/jenkins_home \  
--name jenkins-local \  
jenkins/jenkins:lts
```

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- 
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```
docker container run -d -p 8082:8080 \  
-v jenkinsvol1:/var/jenkins_home \  
--name jenkins-local \  
jenkins/jenkins:lts
```

/var/jenkins\_home

v \*\*[YOUR VOLUME]\*\*:/var/jenkins\_home

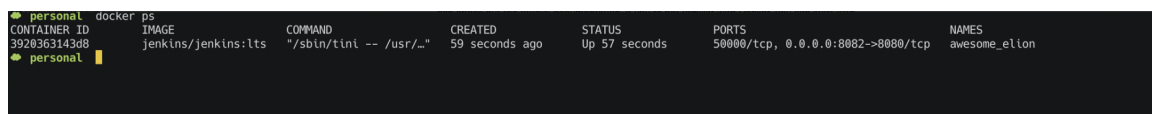
## Rangle.io

8082

8080

8080

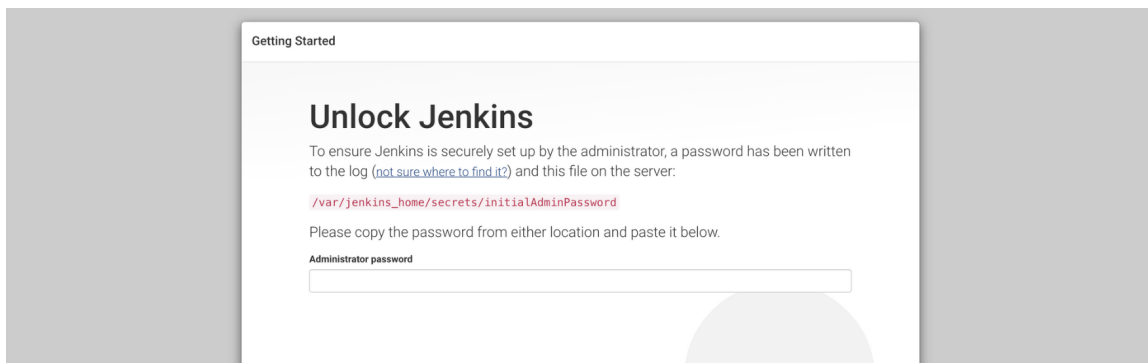
docker ps

A terminal window with a dark background. The prompt is 'personal'. The command 'docker ps' has been entered. The output is a table with 8 columns: CONTAINER ID, IMAGE, COMMAND, CREATED, STATUS, PORTS, and NAMES. There is one row of data for a container named 'awesome\_ellon'.

| CONTAINER ID | IMAGE               | COMMAND               | CREATED        | STATUS        | PORTS                             | NAMES         |
|--------------|---------------------|-----------------------|----------------|---------------|-----------------------------------|---------------|
| 392036314308 | jenkins/jenkins:lts | "/sbin/tini -- /usr/" | 59 seconds ago | Up 57 seconds | 50000/tcp, 0.0.0.0:8082->8080/tcp | awesome_ellon |

localhost:[YOUR

PORT] localhost:8082



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```
docker container exec \  
  [CONTAINER ID or NAME] \  
  sh -c "cat /var/jenkins_home/secrets/initialAdminPassword"
```



# Customize Jenkins

Plugins extend Jenkins with additional features to support many different needs.




**Install suggested  
plugins**

**Select plugins to  
install**

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## Create First Admin User

|                   |   |   |
|-------------------|---|---|
| Username:         | <input type="text" value="admin"/>          |  |
| Password:         | <input type="password" value="....."/>      |  |
| Confirm password: | <input type="password" value="....."/>      |  |
| Full name:        | <input type="text" value="Aldrin Almacin"/> |   |

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localhost



# Instance Configuration

Jenkins URL:

The Jenkins URL is used to provide the root URL for absolute links to various Jenkins resources. That means this value is required for proper operation of many Jenkins features including email notifications, PR status updates, and the `BUILD_URL` environment variable provided to build steps.

The proposed default value shown is **not saved yet** and is generated from the current request, if possible. The best practice is to set this value

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Jenkins 2.176.3

[Not now](#)

[Save and Finish](#)

## Confirming Jenkins state is persisted




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### Enter an item name

Test


» Required field

**Freestyle project**


This is the central feature of Jenkins. Jenkins will build your project, combining any SCM with any build system, and this can be even used for something other than software build.

**Pipeline**


Orchestrates long-running activities that can span multiple build agents. Suitable for building pipelines (formerly known as workflows) and/or organizing complex activities that do not easily fit in free-style job type.

**Multi-configuration project**


Suitable for projects that need a large number of different configurations, such as testing on multiple environments, platform-specific builds, etc.

**Folder**

Creates a container that stores nested items in it. Useful for grouping things together. Unlike view, which is just a filter, a folder creates a separate namespace, so you can have multiple things of the same name as long as they are in different folders.

**GitHub Organization**









Scans a GitHub organization (or user account) for all repositories matching some defined markers.


**Multibranch Pipeline**


Creates a set of Pipeline projects according to detected branches in one SCM repository.

OK

echo "Working"

-  [Back to Dashboard](#)
-  [Status](#)
-  [Changes](#)
-  [Workspace](#)
-  [Build Now](#)
-  [Delete Project](#)
-  [Configure](#)
-  [Rename](#)

 **Build History** [trend](#)

 #1

Sep 1, 2019 8:49 PM

[RSS for all](#) [RSS for failures](#)

## Project Test

-  [Workspace](#)
-  [Recent Changes](#)

## Permalinks

-  [add description](#)
- [Disable Project](#)



## Recovering Jenkins

```
/var/jenkins_home/
```

```
docker container kill [CONTAINER ID]
```

```
docker container rm [CONTAINER ID]
```

```
localhost:[YOUR PORT] localhost:8082
```



### This site can't be reached

localhost refused to connect.

Try:

- Checking the connection
- [Checking the proxy and the firewall](#)

ERR\_CONNECTION\_REFUSED

Details

Reload

```
docker container run -d -p 8082:8080 \  
  -v jenkinsvol1:/var/jenkins_home \  
  --name jenkinslocal \  
  jenkins/jenkins:lts
```

CONTAINER ID

localhost:[YOUR PORT] localhost:8082



Welcome to Jenkins!

Sign in

☐ Keep me signed in

Jenkins

search

Aldrin Almacin

log out

Jenkins

New Item

People

Build History

Manage Jenkins

My Views

Lockable Resources

Credentials

New View

Build Queue

No builds in the queue.

Build Executor Status

1 Idle

2 Idle

All

+

| S | W | Name | Last Success | Last Failure | Last Duration |
|---|---|------|--------------|--------------|---------------|
|   |   | Test | 21 min - #1  | N/A          | 0.11 sec      |

Icon: [S](#) [M](#) [L](#)

Legend

RSS for all

RSS for failures

RSS for just latest builds

add description

Page generated: Sep 1, 2019 9:10:25 PM UTC

[REST API](#)

Jenkins ver. 2.178.3

In summary



in









