

Docker Pull Action



The Docker actions in Continua are a wrapper around the docker command line. If you're having trouble using any of the Docker actions, please refer to the [Command Line Reference](#).

The Docker Pull action is a [premium action](#) which can be used to pull an image or repository from a Docker registry.

Docker Pull

Docker Pull ActionPremium

Docker PullRegistryOptionsEnvironmentComments

Required Field

Name

Docker Pull []

☒ Enabled

Working Directory

\$Workspace\$

The directory from where Docker commands should be run. Defaults to the workspace folder if left empty.

Image or Repository

your-username/webapp:latest

Name of the image to pull from the registry in the format your-username/image-name[:tag|@digest]

☐ Download all tagged images [--all-tags]

☐ Skip image signing. [--disable-content-trust]

☐ Specify remote Docker host

Tick to open a new Host tab to specify an alternative Docker host to the one local to the agent.

Using

Docker.Default

Validate

Save

Cancel

Help

Name

A friendly name for this action (will be displayed in the [actions workflow area](#)).

Enabled

Determines if this action will be run within the relevant stage.

Working Directory

The directory from where the Docker command will be run. If left empty, this defaults to the workspace folder.

Image or Repository Name

Name of the image or repository of images to pull from the registry in the format your-username/image-name[:tag|@digest]. If no tag is provided, the Docker Engine uses the :latest tag as a default.

Download all tagged images

Tick to download all tagged images in the repository. Command line option: `--all-tags`

Skip image signing

Tick to skip image verification. Command line option: `--disable-content-trust`

Specify remote Docker host

Tick to open a new Host tab to specify an alternative Docker host to the one local to the agent.

Using

The version of Docker to use when running the Docker Pull command. It is important that the correct version of Docker is installed on the agent.

The Using drop down is populated with any property collector whose namespace matches the pattern defined by the Docker Pull action. The pattern for this action is `^Docker.*`

If you create a property collector for this action, make sure you select the **Path Finder Plugin** type and give it a name that will match the pattern above in blue. Example names listed [here](#), search the table's Plugin column for **"Docker Pull"**.

For more in-depth explanations on property collectors see [Property Collectors](#).

Alternatively, you can select the **Custom** option from the Using drop down list and specify a path in the resulting input field that will be displayed. Please read [Why it's a good idea to use a property collector](#) before using this option.

Host

Docker Pull ActionPremium

Docker PullHostRegistryOptionsEnvironmentComments

Required Field

Docker Host URL

docker.ourswarm.company.com or 10.0.1.172

Docker host to run Docker commands from. [--host]

☐ Use TLS

Tick to connect to the Docker host using TLS. [--tls]

CA Certificate

ca.pem

Path to Docker host CA certificate file. [--tlscacert]

Certificate

cert.pem

Path to Docker host certificate file. [--tlscert]

Docker Host Key

key.pem

Path to Docker host key file. [--tlskey]

Validate

Save

Cancel

Help

Docker Host URL

The address of the host running the Docker daemon. This can be in the form of a URL or any IP4 Address. If a non-standard port is required simply use the <IPAddress>:<Port> specification format. [--host]

Use TLS

Tick to connect to the Docker host using TLS where the host is not verified against a CA. [--tls]

Verify TLS

This is available only if 'Use TLS' is ticked. Tick to verify the TLS certificate with a root authority. [--tlsverify]

When using Verify TLS, if the host's certification authority (CA) is not trusted by the agent, then the connection is not established.

Note: The --tls command line option is overridden.

CA Certificate

The path to Docker host CA certificate file. [--tlscacert]

Certificate

The path to Docker host certificate file. [--tlscert]

Docker Host Certificate Key

The path to a PEM format file containing the key for the accessing the Docker Host Certificate. [--tlskey]

Registry

Docker Pull ActionPremium

Docker Pull

Registry

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Registry URL

The URL or server name to the registry to upload the image to. Leave blank to use Docker Hub.

Username

Username for the registry account.

Password

Password for the registry account.

Validate

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Registry URL

The URL or server name of the registry to pull the image from. Leave blank to use Docker Hub.

Username

Username for the registry account.

Password

Password for the registry account.

Options

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Docker PullRegistryOptionsEnvironmentComments

Required Field

☒ Log standard output. [--log-level]

Log Level

Info

Timeout (in seconds)

0

How long to wait for the action to finish running before timing out. Leaving this blank (or zero) will default to 86400 seconds (24 hours).

☐ Treat failure as warning
Tick to continue build on failure marking the action with a warning status.

☐ Ignore warnings

Validate

SaveCancelHelp

Log standard output

Tick to log standard output. [--log-level]

Log Level

The amount of information detail to display in the build log.

Timeout (in seconds)

How long to wait for the action to finish running before timing out. Leaving this blank (or zero) will default to 86400 seconds (24 hours).

Treat failure as warning

Tick to continue build on failure marking the action with a warning status.

Ignore warnings

If this is ticked, any warnings logged will not mark the action with a warning status.

Environment

Docker Pull Action

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Environment Variables

variable_name=variable_value

Required Field

✓

Specify one name & value pair per line.

☒ Log environment variables

☐ Generate system environment variables

Tick this to set new environment variables prefixed with 'ContinuaCI.' for system objects and variables.

✓ Validate

Save

Cancel

Help

Environment Variables

Multiple environment variables can be defined - one per line. These are set before the command line is run.

Log environment variables

If this is ticked, environment variable values are written to the build log.

Generate system environment variables

Tick this checkbox to set up a list of new environment variables prefixed with 'ContinuaCI.' for all current system expression objects and variables.

Mask sensitive variable values in system environment variables

This checkbox is visible only if the 'Generate system environment variables' checkbox is ticked.

If this is ticked, the values of any variables marked as sensitive will be masked with **** when setting system environment variables. Clear this to expose the values.