

Docker Commons Plugin

APIs for using Docker from other plugins.

Plugin Information

View Docker Commons [on the plugin site](#) for more information.



Older versions of this plugin may not be safe to use. Please review the following warnings before using an older version:

- [Users with Overall/Read access can enumerate credential IDs](#)

- [Summary](#)
- [Use-cases](#)
 - [Credentials and locations](#)
- [Version history](#)
 - [Version 1.15 \(May 13, 2019\)](#)
 - [Version 1.14 \(April 2, 2019\)](#)
 - [Version 1.13 \(May 18, 2018\)](#)
 - [Version 1.12 \(May 11, 2018\)](#)
 - [Version 1.11 \(Jan 04, 2018\)](#)
 - [Version 1.10 \(Dec 11, 2017\)](#)
 - [Version 1.9 \(Oct 10, 2017\)](#)
 - [Version 1.8 \(Jul 10, 2017\)](#)
 - [Version 1.7 \(Jun 16, 2017\)](#)
 - [Version 1.6 \(Jan 11, 2017\)](#)
 - [Version 1.5 \(Oct 05, 2016\)](#)
 - [Version 1.4.1 \(Sep 08, 2016\)](#)
 - [Version 1.4.0 \(Jun 17, 2016\)](#)
 - [Version 1.3.1 \(Feb 19, 2016\)](#)
 - [Version 1.3 \(Feb 08, 2016\)](#)
 - [Version 1.2 \(Jul 29 2015\)](#)
 - [Version 1.1 \(Jul 07 2015\)](#)
 - [Version 1.0 \(May 22 2015\)](#)

Summary

Plugin provides the following features:

- API for managing Docker image and container fingerprints
- Credentials and location of Docker Registry
- Credentials and location of Docker Daemon (aka Docker Remote API)
- [ToolInstallation](#) for Docker CLI clients
- [DockerImageExtractor](#) extension point to get Docker image relations from jobs
- Simple UI referring related image fingerprints in Docker builds

Use-cases

Credentials and locations

This allows users to configure one set of endpoint/credentials and use it across all the Docker related plugins, thereby keeping configuration more [DRY](#).

See [Docker Pipeline Plugin](#) for the typical usage.

Version history

Version 1.15 (May 13, 2019)

- [JENKINS-57439](#) - Getting issue details... - Add support of Docker credentials specification in Declarative Pipeline
 - Documentation: <https://github.com/jenkinsci/docker-commons-plugin#declarative-pipeline-example>
- [JENKINS-52724](#) - Getting issue details... , [JENKINS-52737](#) - Getting issue details... - Inherit properties from the local Docker config.json if it exists
- [JENKINS-57420](#) - Getting issue details... - Use a new way to specify multi-line secrets in the plugin

Version 1.14 (April 2, 2019)

- Improve help text formatting ([PR 73](#))
- Developer: Add new API for getting Docker-related credentials for

[JENKINS-48437](#) - Getting issue details... STATUS

Version 1.13 (May 18, 2018)

- API for [JENKINS-51397](#) - Getting issue details... STATUS

Version 1.12 (May 11, 2018)

- [JENKINS-38018](#) - Getting issue details... STATUS (and allied issues)
- [JENKINS-41880](#) - Getting issue details... STATUS
- [JENKINS-49075](#) - Getting issue details... STATUS implies a newer Jenkins core dependency

Version 1.11 (Jan 04, 2018)

- [JENKINS-48674](#) - Getting issue details... STATUS Failure to download newer Docker releases from the automatic tool installer.

Version 1.10 (Dec 11, 2017)

- [JENKINS-48453](#) - Getting issue details... STATUS Regression in Jenkins 2.93+ when using server credentials.

Version 1.9 (Oct 10, 2017)

- Removing `icon-shim` plugin dependency.

Version 1.8 (Jul 10, 2017)

- [Fix security issue](#)


Version 1.7 (Jun 16, 2017)

- Always include port in image name.
- Add credentials binding implementation for Docker server credentials.


Version 1.6 (Jan 11, 2017)

-  [JENKINS-39181](#) Fix Invalid fully qualified image name when registry URL is specified



Version 1.5 (Oct 05, 2016)

-  [JENKINS-38018](#) API for more informative logging about use of registry credentials.


Version 1.4.1 (Sep 08, 2016)

-  [JENKINS-36082](#) [JENKINS-32790](#) The Docker tool installer (used for example by `withTool` in the [Docker Pipeline Plugin](#)) was broken.



Version 1.4.0 (Jun 17, 2016)

-  Migration to the new parent POM ([JENKINS-35018](#))
-  Jenkins core dependency has been updated to 1.580.x



Version 1.3.1 (Feb 19, 2016)

-  Polishing the fix of [JENKINS-28776](#)




Version 1.3 (Feb 08, 2016)

-  Support the "sha256:" prefix in image ID, required for Docker 1.10 ([JENKINS-32792](#))
-  Replace build action icon stubs by Docker icons ([JENKINS-28776](#))

Version 1.2 (Jul 29 2015)

-  NPE when using credentials together with docker 1.7 ([JENKINS-29627](#))
-  Support creation of named fingerprints in the API ([JENKINS-29098](#))

Version 1.1 (Jul 07 2015)

-  Cleanup of FindBugs issues, update of the CI system
-  Fix the issue with the Docker Tool selector ([PR #40](#))
-  Support Docker 1.7+ .docker/config.json ([PR #38](#))

Version 1.0 (May 22 2015)

- First stable release
- There were may alpha releases before this release, see commit histories in GitHub