_(/)_

sonarqube (/r/_/sonarqube/) ☆

Last pushed: a month ago

Repo Info (/_/sonarqube/)

Short Description

SonarQube is an open source platform for continuous inspection of code quality.

Full Description

Supported tags and respective `Dockerfile` links

- `6.7.5`, `lts` (*6.7.5/Dockerfile*) (https://github.com/SonarSource/docker-sonarqube/blob/5d738964cc4b857ca5b399d6f0bb626b6710bac6/6.7.5/Dockerfile)

- `6.7.5-alpine`, `lts-alpine` (*6.7.5-alpine/Dockerfile*) (https://github.com/SonarSource/docker-sonarqube/blob/5d738964cc4b857ca5b399d6f0bb626b6710bac6/6.7.5-alpine/Dockerfile)

- `7.1`, `latest` (*7.1/Dockerfile*) (https://github.com/SonarSource/docker-sonarqube/blob/5d738964cc4b857ca5b399d6f0bb626b6710bac6/7.1/Dockerfile)

- `7.1-alpine`, `alpine` (*7.1-alpine/Dockerfile*) (https://github.com/SonarSource/docker-sonarqube/blob/5d738964cc4b857ca5b399d6f0bb626b6710bac6/7.1-alpine/Dockerfile)

Quick reference

- **Where to get help**:
  the Docker Community Forums (https://forums.docker.com/), the Docker Community Slack (https://blog.docker.com/2016/11/introducing-docker-community-directory-docker-community-slack/), or Stack Overflow (https://stackoverflow.com/search?tab=newest&q=docker)

- **Where to file issues**:
  https://github.com/SonarSource/docker-sonarqube/issues (https://github.com/SonarSource/docker-sonarqube/issues)

- **Maintained by**:
  SonarSource (https://github.com/SonarSource/docker-sonarqube)

- **Supported architectures**: (more info (https://github.com/docker-library/official-images#architectures-other-than-amd64))
  `amd64` (https://hub.docker.com/r/amd64/sonarqube/)

- **Published image artifact details**:
  repo-info repo's `repos/sonarqube/` directory (https://github.com/docker-library/repo-info/blob/master/repos/sonarqube) (history (https://github.com/docker-library/repo-info/commits/master/repos/sonarqube))
  (image metadata, transfer size, etc)

- **Image updates**:
  official-images PRs with label `library/sonarqube` (https://github.com/docker-library/official-images/pulls?q=label%3Alibrary%2Fsonarqube)
  official-images repo's `library/sonarqube` file (https://github.com/docker-library/official-images/blob/master/library/sonarqube) (history (https://github.com/docker-library/official-images/commits/master/library/sonarqube))

- **Source of this description**:
  docs repo's `sonarqube/` directory (https://github.com/docker-library/docs/tree/master/sonarqube) (history (https://github.com/docker-library/docs/commits/master/sonarqube))

- **Supported Docker versions**:
  the latest release (https://github.com/docker/docker-ce/releases/latest) (down to 1.6 on a best-effort basis)

What is SonarQube?

SonarQube is an open source platform for continuous inspection of code quality.

> wikipedia.org/wiki/SonarQube (http://en.wikipedia.org/wiki/SonarQube)

How to use this image

Run SonarQube

The server is started this way:

```
$ docker run -d --name sonarqube -p 9000:9000 -p 9092:9092 sonarqu
```

By default you can login as `admin` with password `admin`, see authentication (https://docs.sonarqube.org/display/SONAR/Authentication).

To analyse a project:

```
$ On Linux:
mvn sonar:sonar


$ With boot2docker:
mvn sonar:sonar -Dsonar.host.url=http://$(boot2docker ip):9000 -Dso
```

Database configuration

By default, the image will use an embedded H2 database that is not suited for production.

The production database is configured with these variables:
`SONARQUBE_JDBC_USERNAME`, `SONARQUBE_JDBC_PASSWORD` and `SONARQUBE_JDBC_URL`.

```
$ docker run -d --name sonarqube \
    -p 9000:9000 -p 9092:9092 \
    -e SONARQUBE_JDBC_USERNAME=sonar \
    -e SONARQUBE_JDBC_PASSWORD=sonar \
    -e SONARQUBE_JDBC_URL=jdbc:postgresql://localhost/sonar \
    sonarqube
```

More recipes can be found here (https://github.com/SonarSource/docker-sonarqube/blob/master/recipes.md).

Administration

The administration guide can be found here (http://docs.sonarqube.org/display/SONAR/Administration+Guide).

Image Variants

The `sonarqube` images come in many flavors, each designed for a specific use case.

`sonarqube:<version>`

This is the defacto image. If you are unsure about what your needs are, you probably want to use this one. It is designed to be used both as a throw away container (mount your source code and start the container to start your app), as well as the base to build other images off of.

sonarqube:<version>-alpine

This image is based on the popular Alpine Linux project (http://alpinelinux.org), available in the `alpine` official image (https://hub.docker.com/_/alpine). Alpine Linux is much smaller than most distribution base images (~5MB), and thus leads to much slimmer images in general.

This variant is highly recommended when final image size being as small as possible is desired. The main caveat to note is that it does use musl libc (http://www.musl-libc.org) instead of glibc and friends (http://www.etalabs.net/compare_libcs.html), so certain software might run into issues depending on the depth of their libc requirements. However, most software doesn't have an issue with this, so this variant is usually a very safe choice. See this Hacker News comment thread (https://news.ycombinator.com/item?id=10782897) for more discussion of the issues that might arise and some pro/con comparisons of using Alpine-based images.

To minimize image size, it's uncommon for additional related tools (such as `git` or `bash`) to be included in Alpine-based images. Using this image as a base, add the things you need in your own Dockerfile (see the `alpine` image description (https://hub.docker.com/_/alpine/) for examples of how to install packages if you are unfamiliar).

License

View license information (http://www.gnu.org/licenses/lgpl.txt) for the software contained in this image.

As with all Docker images, these likely also contain other software which may be under other licenses (such as Bash, etc from the base distribution, along with any direct or indirect dependencies of the primary software being contained).

Some additional license information which was able to be auto-detected might be found in the `repo-info` repository's `sonarqube/` directory (https://github.com/docker-library/repo-info/tree/master/repos/sonarqube).

As for any pre-built image usage, it is the image user's responsibility to ensure that any use of this image complies with any relevant licenses for all software contained within.

Docker Pull Command

```
docker pull sonarqube
```