# Antora Website Generation Instructions

 [Translated from Russian to English - www.onlinedoctranslator.com](https://www.onlinedoctranslator.com/en/?utm_source=onlinedoctranslator&utm_medium=docx&utm_campaign=attribution)

The instruction is developed for OS RHEL 7.3

Access to the website:[http://vm-2.corp:7777/output/](http://k8s-worker-2.dev.local:7777/output/)(http://vm-2.corp:7777/output/)

Install Docker

|  |
| --- |
| sudo dnf update -y  sudo dnf install docker-ce docker-ce-cli containerd.io docker-buildx-plugin docker-compose-plugin  sudo systemctl enable --now docker  sudo docker run hello world |

1Installing docker

Create Dockerfile:

|  |
| --- |
| FROM antora/antora  WORKDIR/root  RUN echo '10.10.1.130 jira.corp.com' >> /etc/hosts &&\  echo '10.10.15.73 testit.office.corp.ru' >> /etc/hosts  # Envs  ENV PYTHONUNBUFFERED=1  ENTRYPOINT ["/bin/sh", "-c", "npx antora $ANTORA\_PLAYBOOK\_FILE > antora.log"] |

2Dockerfile

Create a docker image:

|  |
| --- |
| docker build -t anthora-web . --progress=plain |

3Create a docker image

Create a docker volume - this is a working project log, connected to the container:

|  |
| --- |
| docker volume create anthora-volume  # /var/lib/docker/volumes/antora-volume/\_data |

Place in working directory (/var/lib/docker/volumes/antora-volume/\_data) files for generating the Anthora site:

|  |
| --- |
| npx antora $ANTORA\_PLAYBOOK\_FILE > antora.log |

4antora\_script.sh

|  |
| --- |
| site:  title: ESB Wiki  start\_page: online-docs::index.adoc  content:  sources:  - url: https://gitlab.corp/wiki/online-docs.git  branches: HEAD  start\_path:docs/designer  credentials:  username:"oauth2"  password:"${GITLAB\_TOKEN}"  ui:  bundle:  url: https://gitlab.com/antora/antora-ui-default/-/jobs/artifacts/HEAD/raw/build/ui-bundle.zip?job=bundle-stable  snapshot: true  output:  clean: true  dir: ./output |

5antora-playbook.yml

|  |
| --- |
| NODE\_TLS\_REJECT\_UNAUTHORIZED=0  GITLAB\_TOKEN="glpat-SU\*\*\*\*\*\*\*\*\*"  ANTORA\_PLAYBOOK\_FILE=antora-playbook.yml |

6env

Launching a one-time container to generate a site:

|  |
| --- |
| docker run --rm -d --env-file env --name antora -v antora-volume:/root antora-web |

The Antora site build is created here:/var/lib/docker/volumes/antora-volume/\_data/output/

The execution log is written:

/var/lib/docker/volumes/antora-volume/\_data/antora.log

Start the web server to access the site:

|  |
| --- |
| cd /var/lib/docker/volumes/antora-volume/\_data/  python3 -m http.server 7777 |

7Starting a web server