

Dataverse Docker v5.11.1 – mailrelay, https, lang_ua, branding, users

Установка

Скачиваем все необходимое:

```
# cd /home/user && git clone https://github.com/IQSS/dataverse-docker dataverse-docker-5.11.1
```

Скопируем *docker-compose-ssl.yml* из distros, так как при установке по README получал ошибку solr

```
# cp ./distros/docker-compose-ssl.yml ./
```

Редактируем переменные:

```
# cp .env_sample .env && vi .env
#COMPOSE_FILE=./distros/docker-compose-ssl.yml
COMPOSE_FILE=./docker-compose-ssl.yml
#MAINLANG=ua
# Domain configuration and init folder
hostname=www.dataverse.tst-am0.net.ua
traefikhost=www.dataverse.tst-am0.net.ua
INIT_SCRIPTS_FOLDER=/opt/payara/init.d

# traefik email settings
useremail=dataverseimp@imp.kiev.ua

# DOI parameters
#
https://guides.dataverse.org/en/latest/installation/config.html#doi-baseurlstring
doi_authority=10.82100
doi_provider=DataCite
doi_should=DRVUA
```

```
doi_username=XXXXX
doi_password=XXXXXXXXXX
dataciterestapiurlstring=https\:\:\api.test.datacite.org
baseurlstring=https\:\:\mds.test.datacite.org
```

```
# Mail relay
```

```
#
```

```
https://guides.dataverse.org/en/latest/developers/troubleshooting.html
```

```
system_email=dataverseimp@imp.kiev.ua
```

```
mailhost=mail.imp.kiev.ua
```

```
mailuser=dataverseimp
```

```
no_reply_email=dataverseimp@imp.kiev.ua
```

```
smtp_password=XXXXXXXXXX
```

```
smtp_port=587
```

```
socket_port=587
```

```
starttls=true
```

```
Отредактировать 010-mailrelay-set.sh
```

```
# vi dataverse-5.11.1/dataverse-docker/init.d/010-mailrelay-set.sh
```

```
#!/bin/bash
```

```
# Setup mail relay
```

```
#
```

```
https://guides.dataverse.org/en/latest/developers/troubleshooting.html
```

```
if [ "${system_email}" ]; then
```

```
    curl -X PUT -d "${system_email}
```

```
    http://localhost:8080/api/admin/settings/:SystemEmail
```

```
    asadmin --user=${ADMIN_USER} --
```

```
passwordfile=${PASSWORD_FILE} delete-javamail-resource
```

```
mail/notifyMailSession
```

```
    asadmin --user=${ADMIN_USER} --
```

```
passwordfile=${PASSWORD_FILE} create-javamail-resource --
```

```
mailhost ${mailhost} --mailuser ${mailuser} --fromaddress
```

```
${no_reply_email} --property
```

```
mail.smtp.auth=true:mail.smtp.password=${smtp_password}:mail.s
```

```
smtp.port=${smtp_port}:mail.smtp.socketFactory.port=${socket_po
```

```
rt}:mail.smtp.socketFactory.fallback=false:mail.smtp.starttls.
```

```
enable=true mail/notifyMailSession
fi
```

Отредактировать 01-persistent-id.sh

```
# vi dataverse-5.11.1/dataverse-docker/init.d/01-persistent-
id.sh

#!/bin/bash
echo "Setting up the settings" >> /tmp/status.log
echo "- Allow internal signup" >> /tmp/status.log
SERVER=http://${DATAVERSE_URL}/api
echo $SERVER
curl -X PUT -d yes "$SERVER/admin/settings/:AllowSignUp"
curl -X PUT -d /dataverseuser.xhtml?editMode=CREATE
"$SERVER/admin/settings/:SignUpUrl"
curl -X PUT -d CV "$SERVER/admin/settings/:CV"
curl -X PUT -d burrito $SERVER/admin/settings/BuiltinUsers.KEY
curl -X PUT -d localhost-only
$SERVER/admin/settings/:BlockedApiPolicy
curl -X PUT -d 'native/http'
$SERVER/admin/settings/:UploadMethods
curl -X PUT -d solr:8983
"$SERVER/admin/settings/:SolrHostColonPort"
curl -X PUT -d 10.82100 "$SERVER/admin/settings/:Authority"
curl -X PUT -d doi "$SERVER/admin/settings/:Protocol"
curl -X PUT -d "</p><p>Supported by the National Academy of
Sciences of Ukraine</p>"
http://localhost:8080/api/admin/settings/:FooterCopyright
echo
# Demo server with FAKE DOIs if doi_authority is empty
# if [ -z "${doi_authority}" ]; then
# curl -X PUT -d doi "$SERVER/admin/settings/:Protocol"
# curl -X PUT -d 10.5072 "$SERVER/admin/settings/:Authority"
# curl -X PUT -d "FK2/" "$SERVER/admin/settings/:Shoulder"
# curl -X PUT -d FAKE "$SERVER/admin/settings/:DoiProvider"
# fi
```

Отредактировать 03-doi-set.sh

```
# vi dataverse-5.11.1/dataverse-docker/init.d/03-doi-set.sh

#!/bin/bash
```

```

# Setup DOI parameters
#
https://guides.dataverse.org/en/latest/installation/config.htm
l#doi-baseurlstring
if [ "${doi_authority}" ]; then
    curl -X PUT -d "${doi_authority}"
http://localhost:8080/api/admin/settings/:Authority
    curl -X PUT -d "${doi_provider}"
http://localhost:8080/api/admin/settings/:DoiProvider
    curl -X PUT -d "DVUA/"
http://localhost:8080/api/admin/settings/:Shoulder

    asadmin --user=${ADMIN_USER} --
passwordfile=${PASSWORD_FILE} create-jvm-options "-
Ddoi.username=${doi_username}"
    asadmin --user=${ADMIN_USER} --
passwordfile=${PASSWORD_FILE} create-jvm-options "-
Ddoi.password=${doi_password}"
    asadmin --user=${ADMIN_USER} --
passwordfile=${PASSWORD_FILE} create-jvm-options "-
Ddoi.dataciterestapiurlstring=${dataciterestapiurlstring}"
    asadmin --user=${ADMIN_USER} --
passwordfile=${PASSWORD_FILE} create-jvm-options "-
Ddoi.baseurlstring=${baseurlstring}"
    #if [ "${doi_shoulder}" ]; then
        # curl -X PUT -d "${doi_shoulder}/"
"$SERVER/admin/settings/:Shoulder"
    #fi
fi

```

Также пароль от DataCite нужно добавить в:

```

dataverse-docker/secrets/doi/password
dataverse-docker/secrets/doi_asadmin

```

Для решения [проблемы загрузки логотипов](#), пишем скрипты, и размещаем их в /init.d/

```

# cat /home/user/dataverse-docker-5.11.1/init.d/1003-logos.sh
#!/bin/bash
YES | cp -rf /opt/payara/docroot /opt/

# cat /home/user/dataverse-docker-5.11.1/init.d/1005-

```

```
apt_inst_cron.sh
#!/bin/bash
apt install cron
service cron start
/bin/chmod +x /opt/payara/init.d/1003-logos.sh
/bin/chmod +x /opt/payara/init.d/1006-crontab.sh

# cat /home/user/dataverse-docker-5.11.1/init.d/1006-
crontab.sh
#!/bin/bash
crontab -l ; echo "*/1 * * * * /opt/payara/init.d/1003-
logos.sh"| crontab -
```

Пишем скрипт или вводим поочередно команды:

```
# export traefikhost=www.tst-am0.net.ua
# docker network create traefik
# export useremail=dataverseteam@imp.kiev.ua
# docker-compose up
```

По умолчанию user/password: dataverseAdmin/admin.

Добавляем Украинскую локализацию

Тестовый режим.

```
# vi /home/user/dataverse-docker-5.11.1/docroot/01-lang_ua.sh
#!/bin/bash

apt-get update
apt-get install zip
wget
https://github.com/GlobalDataverseCommunityConsortium/datavers
e-language-packs/archive/refs/heads/develop.zip -O
/tmp/languages.zip

cd /tmp
unzip -d dataverse-language-packs languages.zip
mkdir /tmp/languages
for locale in dataverse-language-packs/*; do
    for distrib in $locale;
    do
        for lang in $distrib/*; do
```

```

        cp "$lang"/Bu*.properties /tmp/languages
    done
done
done

cd /tmp/languages
#rm ./Bundle_ua.properties
rm ./Bundle_hu.properties
cp ./Bundle_ua.properties /tmp/
#cp ./Bundle_hu.properties /tmp/
/opt/payara/triggers/lang-properties-convert.py
/tmp/Bundle_ua.properties > ./Bundle_ua.properties
#/opt/payara/triggers/lang-properties-convert.py
/tmp/Bundle_hu.properties > ./Bundle_hu.properties
zip languages.zip *.properties
mkdir /opt/payara/langproperties

curl
http://localhost:8080/api/admin/datasetfield/loadpropertyfiles
-X POST --upload-file /tmp/languages/languages.zip -H
"Content-Type: application/zip"
sleep 1
# Enable language and cache settings
curl http://localhost:8080/api/admin/settings/:Languages -X
PUT -d
'[{ "locale": "en", "title": "English" }, { "locale": "ua", "title": "Українська" }]'
asadmin --user=${ADMIN_USER} --passwordfile=${PASSWORD_FILE}
create-jvm-options '-
Ddataverse.lang.directory=/opt/payara/langproperties'

```

Пользователи

Список пользователей можно посмотреть через Dashboard (появился в версии 5.11), а также можно вывести через API

```

curl -H "X-Dataverse-key: $API_TOKEN"
http://localhost:8080/api/admin/authenticatedUsers

```

или, если пользователей много

```
curl -H "X-Dataverse-key: $API_TOKEN"  
http://localhost:8080/api/admin/list-users
```

где \$API_TOKEN – токен Администратора.