

Задание 1.1. ИСП

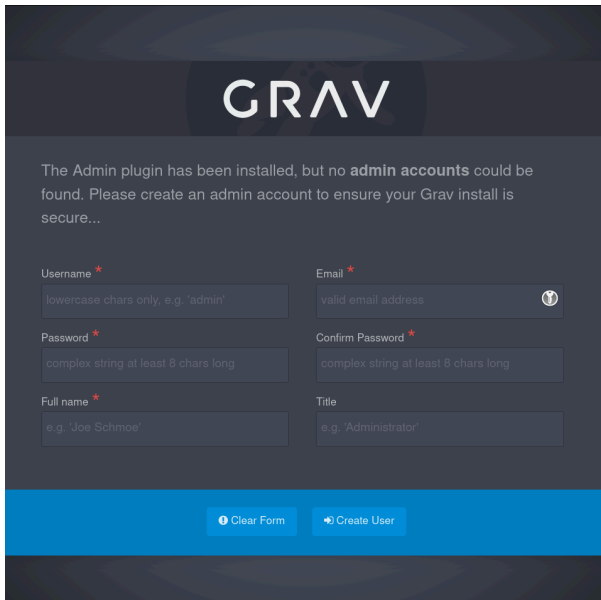
1. Созданная директория, содержащая Dockerfile, docker-compose и исходные файлы Grav

```
mxschardt:Задание 1.1 ИСП master* $ tree -L 3
.
├── grav-test
│   ├── docker-compose.yml
│   ├── Dockerfile
│   └── grav-admin
│       ├── assets
│       ├── backup
│       ├── bin
│       ├── cache
│       ├── CHANGELOG.md
│       ├── CODE_OF_CONDUCT.md
│       ├── composer.json
│       ├── composer.lock
│       ├── CONTRIBUTING.md
│       ├── images
│       ├── index.php
│       ├── LICENSE.txt
│       ├── logs
│       ├── now.json
│       ├── README.md
│       ├── robots.txt
│       ├── SECURITY.md
│       ├── system
│       ├── tmp
│       ├── user
│       ├── vendor
│       └── webserver-configs
```

2. Запуск приложения

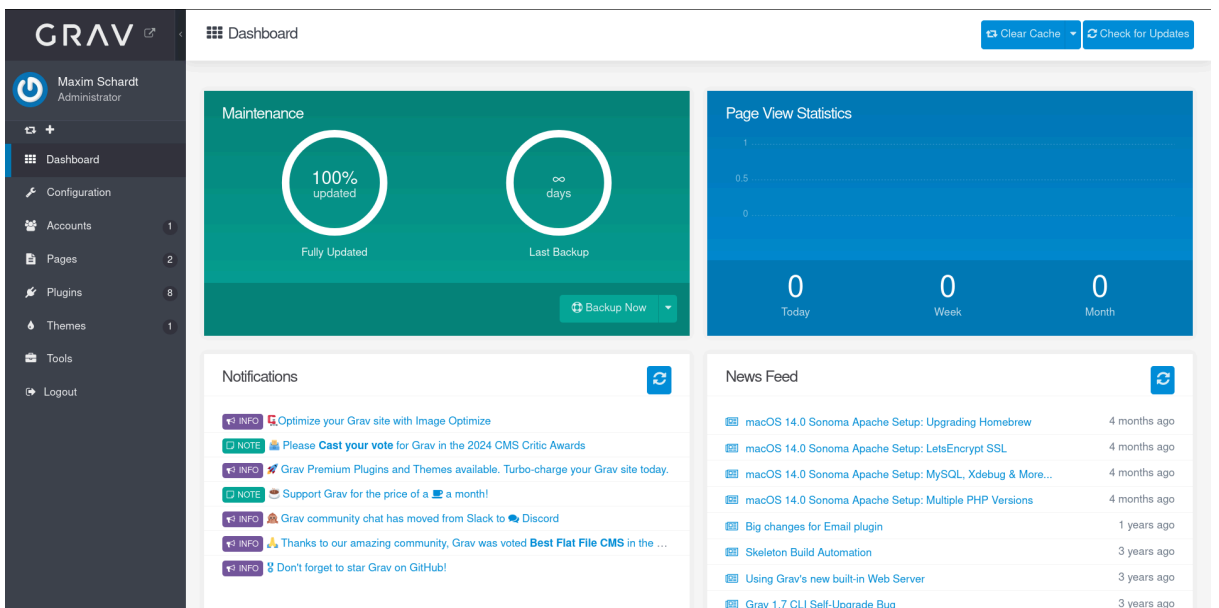
```
maxschardt:grav-test master* $ docker-compose up
Building grav
[+] Building 0.7s (13/13) FINISHED
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 2.35kB
=> [internal] load metadata for docker.io/library/php:7.4-apache
=> [internal] load .dockerignore
=> => transferring context: 28
=> [1/9] FROM docker.io/library/php:7.4-apache@sha256:c9d7e608f73832673479770d66aacc810001ec751d905ff63fae3fe2e0ca6d
=> CACHED [2/9] RUN apt-get update && apt-get install -y --no-install-recommends unzip libfreetype6-dev libjpeg62-turbo-dev libpng-dev
=> CACHED [3/9] RUN { echo 'opcache.memory_consumption=128'; echo 'opcache.interned_strings_buffer=8'; echo 'opcache.max_accelerated_files=
=> CACHED [4/9] RUN pecl install apcu && pecl install yaml-2.0.4 && docker-php-ext-enable apcu yaml
=> CACHED [5/9] RUN chown www-data:www-data /var/www
=> CACHED [6/9] WORKDIR /var/www
=> CACHED [7/9] RUN curl -o grav-admin.zip -SL https://getgrav.org/download/core/grav-admin/latest && unzip grav-admin.zip && mv -T /var/www/gr
=> CACHED [8/9] RUN (crontab -l; echo '* * * * * cd /var/www/html;/usr/local/bin/php bin/grav scheduler 1>> /dev/null 2>&1') | crontab -
=> => exporting to image
=> => exporting layers
=> => writing image sha256:2e20dd97cd1e797ce5de14cae2a0b3c9d73bb7986e0a5ef2baaec4a8d01d4276
=> => naming to docker.io/library/grav-test_grav
WARNING: Image for service grav was built because it did not already exist. To rebuild this image you must use `docker-compose build` or `docker-compose up --b
uild`.
Creating grav-test_grav_1 ... done
Attaching to grav-test_grav_1
grav_1 | AH00558: apache2: Could not reliably determine the server's fully qualified domain name, using 172.18.0.2. Set the 'ServerName' directive globally to
suppress this message
grav_1 | AH00558: apache2: Could not reliably determine the server's fully qualified domain name, using 172.18.0.2. Set the 'ServerName' directive globally to
suppress this message
grav_1 | [Wed Feb 21 09:37:27.623822 2024] [mpm_prefork:notice] [pid 9] AH00163: Apache/2.4.54 (Debian) configured -- resuming normal operations
grav_1 | [Wed Feb 21 09:37:27.623857 2024] [core:notice] [pid 9] AH00094: Command line: 'apache2 -D FOREGROUND'
```

3. Работающее приложение и начальная страница Grav



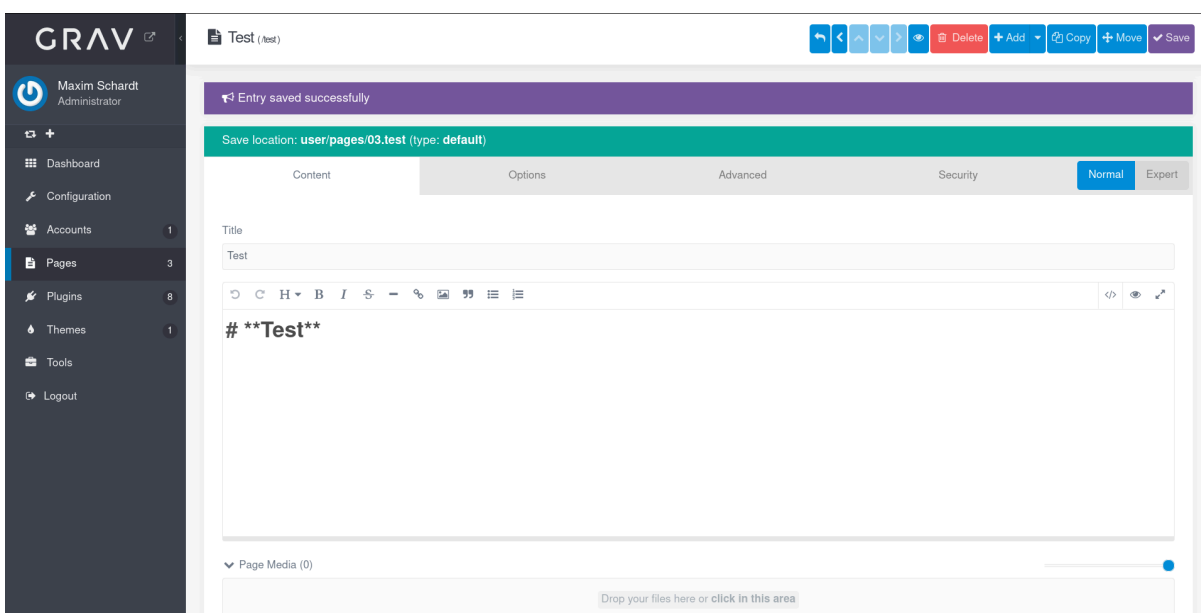
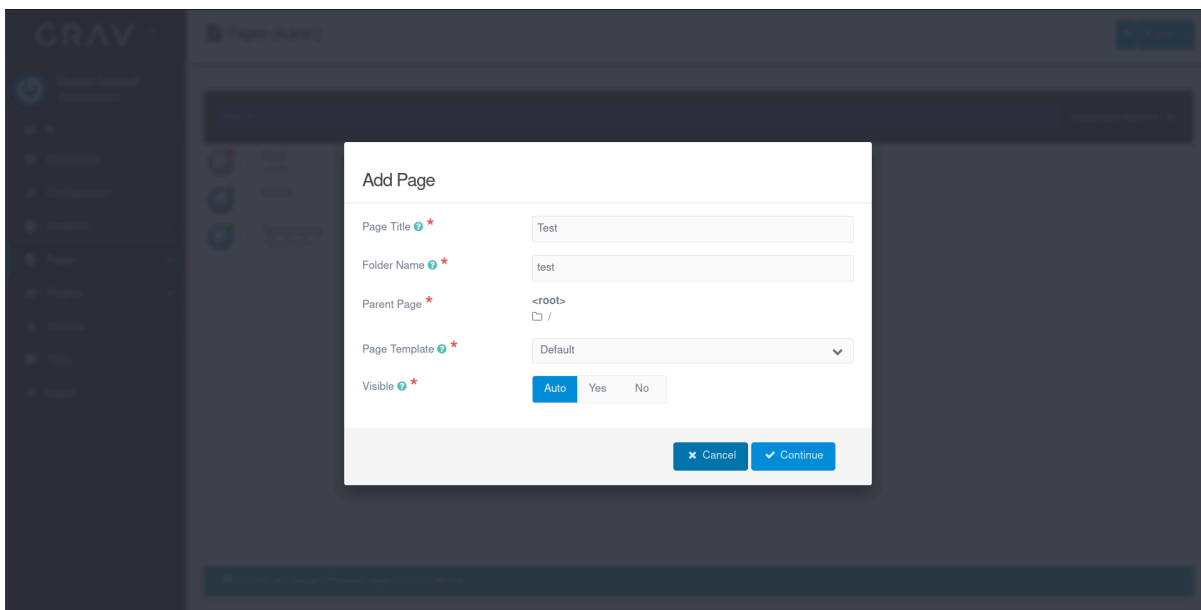
The screenshot shows the Grav Admin interface. At the top, the 'GRAV' logo is displayed. Below it, a message states: 'The Admin plugin has been installed, but no admin accounts could be found. Please create an admin account to ensure your Grav install is secure...'. The main section contains a form for creating an admin account with fields for Username, Email, Password, Confirm Password, Full name, and Title. At the bottom, there are two buttons: 'Clear Form' and 'Create User'.

```
=> exporting to image
=> => exporting layers
=> => writing image sha256:2e20dd97cd1e797ce5de14cae2a0b3c9d73bb7986e0a5ef2baaec4a8d01d4276
=> => naming to docker.io/library/grav-test_grav
WARNING: Image for service grav was built because it did not already exist. To
rebuild this image you must use `docker-compose build` or `docker-compose up --
build`.
Creating grav-test_grav_1 ... done
Attaching to grav-test_grav_1
grav_1 | AH00558: apache2: Could not reliably determine the server's fully qua
lifed domain name, using 172.18.0.2. Set the 'ServerName' directive globally t
o suppress this message
grav_1 | AH00558: apache2: Could not reliably determine the server's fully qua
lifed domain name, using 172.18.0.2. Set the 'ServerName' directive globally t
o suppress this message
grav_1 | [Wed Feb 21 09:37:27.623822 2024] [mpm_prefork:notice] [pid 9] AH0016
3: Apache/2.4.54 (Debian) configured -- resuming normal operations
grav_1 | [Wed Feb 21 09:37:27.623857 2024] [core:notice] [pid 9] AH00094: Comm
and line: 'apache2 -D FOREGROUND'
grav_1 | 172.18.0.1 - - [21/Feb/2024:09:47:11 +0000] "\x16\x03\x01\x02\x8c\x01
" 400 452 "-" "-"
grav_1 | 172.18.0.1 - - [21/Feb/2024:09:47:11 +0000] "\x16\x03\x01\x02\x8c\x01
" 400 452 "-" "-"
grav_1 | 172.18.0.1 - - [21/Feb/2024:09:47:21 +0000] "GET / HTTP/1.1" 302 467
 "-" "Mozilla/5.0 (X11; Linux x86_64; rv:121.0) Gecko/20100101 Firefox/121.0"
grav_1 | 172.18.0.1 - - [21/Feb/2024:09:47:22 +0000] "GET /admin HTTP/1.1" 200
 20245 "-" "Mozilla/5.0 (X11; Linux x86_64; rv:121.0) Gecko/20100101 Firefox/12
1.0"
grav_1 | 172.18.0.1 - - [21/Feb/2024:09:47:22 +0000] "GET /assets/admin-preset
.css?ce70f30fa5 HTTP/1.1" 200 7997 "http://localhost:8080/admin" "Mozilla/5.0 (
X11; Linux x86_64; rv:121.0) Gecko/20100101 Firefox/121.0"
[]
```



The screenshot shows the Grav Dashboard. The top bar includes the 'GRAV' logo, a 'Dashboard' tab, and buttons for 'Clear Cache' and 'Check for Updates'. The left sidebar contains a navigation menu with items: Maxim Schardt (Administrator), Dashboard, Configuration, Accounts (1), Pages (2), Plugins (8), Themes (1), Tools, and Logout. The main content area is divided into several sections: 'Maintenance' with '100% updated' and 'Last Backup' status, 'Page View Statistics' showing 0 views for Today, Week, and Month, 'Notifications' with a list of system messages, and 'News Feed' with a list of recent updates and news items.

4. Создание новой страницы Test



5. Просмотр исходного текста страницы Test в docker контейнере

```
mxschardt:~ $ docker exec -it 393435f39a6d /bin/sh [13:03:03]
# ls
html
# cd html
# ls
CHANGELOG.md      SECURITY.md  composer.json  now.json      vendor
CODE_OF_CONDUCT.md  assets      composer.lock  robots.txt   webserver-configs
CONTRIBUTING.md   backup      images         system
LICENSE.txt        bin         index.php      tmp
README.md          cache       logs           user
# cd user
# ls
accounts config data pages plugins themes
# cd pages
# ls
01.home 02.typography 03.test
# head 03.test
head: error reading '03.test': Is a directory
# cd 03.test
# ls
default.md
# head default.md
---
title: Test
---
# **Test**#
```

6. Завершение работы Grav

```
Stopping grav-test_grav_1 ... done
mxschardt:grav-test master* $ docker-compose down [13:05:57]
Removing grav-test_grav_1 ... done
Removing network grav-test_default
```