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### Порядок установки программного обеспечения

Провести инсталляцию программного обеспечения.

На основе материалов, опубликованных в примечаниях к заданию, установить необходимое ПО. В отчете поэтапно продемонстрировать процесс установки (в виде набора скриншотов) с ключевыми моментами установки.

Примечание 1: <https://disk.yandex.ru/i/bHPfXyufLTK0og>

Ход работы:

- 1) Скачиваем docker файл с github-репозитория: <https://github.com/getgrav/docker-grav>
- 2) В директории с этим файлом создаем файл docker-compose.yml и копируем в него содержимое из предыдущего репозитория:

#### Running Grav Image with docker-compose and a volume mapped to a local directory

Running `docker-compose up -d` with the following docker-compose configuration will automatically build the Grav image (if the Dockerfile is in the same directory as the docker-compose.yml file). Then the Grav container will be started with all of the site data persisted to a named volume (stored in the `./grav` directory).

```
volumes:
  grav-data:
    driver: local
    driver_opts:
      type: none
      device: $PWD/grav
      o: bind

services:
  grav:
    build: ./
    ports:
      - 8080:80
    volumes:
      - grav-data:/var/www/html
```

- 3) Скачиваем архив с кодовой базой grav по ссылке <https://learn.getgrav.org/17/basics/installation> и

распаковываем в нашей директории.

1. Download the latest and greatest [Grav](#) or [Grav + Admin](#) package.

2. Extract the ZIP file in the [webroot](#) of your web server, e.g. `~/webroot/grav`

There are [Skeleton](#)-packages available, which include the core Grav system, sample pages, plugins, and configuration. They are a great way to get started; all you have to do is [download the Skeleton](#)-package you prefer, and follow the steps above.

You can also download any pre-packaged installation of a [tagged release](#) from [getgrav.org](#). Use the format <https://getgrav.org/download/TYPE/PACKAGE/VERSION>.

- [getgrav.org/download/core/grav/1.7.0](#) downloads Grav Core v1.7.0
- [getgrav.org/download/core/grav/1.7.0-rc.10?testing=true](#) downloads Grav Core v1.7.0-rc.10, a testing release
- [getgrav.org/download/core/grav-admin/1.7.0](#) downloads Grav Core with the Admin plugin, at Core v1.7.0
- [getgrav.org/download/core/grav-admin/1.7.0-rc.10?testing=true](#) downloads Grav Core v1.7.0-rc.10 with the Admin plugin, a testing release
- [getgrav.org/download/core/grav-update/1.7.0](#) downloads the update package for Grav Core
- [getgrav.org/download/plugins/flex-objects-json/0.1.0](#) downloads the Flex Objects JSON plugin at v0.1.0
- [getgrav.org/download/themes/quark/2.0.3](#) downloads the Quark theme at v2.0.3

If you downloaded the ZIP file and then plan to move it to your webroot, please move the **ENTIRE FOLDER** because it contains several hidden files (such as `.htaccess`) that will not be selected by default. The omission of these hidden files can cause problems when running Grav.

#### 4) Собираем контейнер и запускаем его при помощи команды `docker-compose up`

```
C:\gravv>docker-compose up
[+] Building 1.9s (14/14) FINISHED                                docker:desktop-linux
=> [grav internal] load build definition from Dockerfile           0.1s
=> => transferring dockerfile: 2.36kB                             0.0s
=> [grav internal] load metadata for docker.io/library/php:8.3-apache-bullseye 1.6s
=> [grav internal] load .dockerignore                             0.1s
=> => transferring context: 2B                                     0.0s
=> [grav 1/9] FROM docker.io/library/php:8.3-apache-bullseye@sha256:6415657dc5b12c6da256716eeeff9e5ac3a373d37def 0.0s
=> CACHED [grav 2/9] RUN a2enmod rewrite expires && sed -i 's/ServerTokens OS/ServerTokens ProductOnly/g' 0.0s
=> CACHED [grav 3/9] RUN apt-get update && apt-get install -y --no-install-recommends unzip libfreetype6 0.0s
=> CACHED [grav 4/9] RUN { echo 'opcache.memory_consumption=128'; echo 'opcache.interned_strings_buffer= 0.0s
=> CACHED [grav 5/9] RUN pecl install apcu && pecl install yaml-2.2.4 && docker-php-ext-enable apcu yaml 0.0s
=> CACHED [grav 6/9] RUN chown www-data:www-data /var/www 0.0s
=> CACHED [grav 7/9] WORKDIR /var/www 0.0s
=> CACHED [grav 8/9] RUN curl -o grav-admin.zip -SL https://getgrav.org/download/core/grav-admin/latest && u 0.0s
=> CACHED [grav 9/9] RUN (crontab -l; echo "* * * * * cd /var/www/html;/usr/local/bin/php bin/grav scheduler 1>> 0.0s
=> [grav] exporting to image 0.1s
=> => exporting layers 0.0s
=> => writing image sha256:094c6b6a43f145ffff2af36d5a0e6d74dd3c5c8320b511f87bcd85a28a70f020 0.0s
=> => naming to docker.io/library/gravv-grav 0.0s
=> [grav] resolving provenance for metadata file 0.0s
[+] Running 4/4
   grav Built 0.0s
   Network gravv_default Created 0.3s
   Volume "gravv_grav-data" Created 0.0s
   Container gravv-grav-1 Created 0.1s
Attaching to grav-1
grav-1 | AH00558: apache2: Could not reliably determine the server's fully qualified domain name, using 172.18.0.2. Set
```

5) Заходим по адресу `localhost:8080` и создаем в панели нового пользователя, после чего авторизируемся и попадаем на панель разработчика.

GRAV

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...

Username \*

lowercase chars only, e.g. 'admin'

Email \*

valid email address

Password \*

complex string at least 8 chars long

Confirm Password \*

complex string at least 8 chars long

Full name \*

e.g. 'Joe Schmoe'

Title

e.g. 'Administrator'

Clear Form

Create User

GRAV

Dashboard

llya Admin

Dashboard

Configuration

Accounts 1

Pages 2

Plugins 1 8

Themes 1 1

Tools

Logout

Clear Cache

Check for Updates

You have been successfully logged in

Turbo-charge your Grav site - from the creators of Grav

Maintenance

78% updated

Updates Available

Backup Now

∞ days

Last Backup

Update

Page View Statistics

0 Today

0 Week

0 Month

Notifications

NOTE

Help Grav achieve 15k stars on GitHub! 🌟 it today!

INFO

Optimize your Grav site with Image Optimize

INFO

Grav Premium Plugins and Themes available. Turbo-charge your ...

NOTE

Support Grav for the price of a ☕ a month!

News Feed

TailwindCSS 4.0 upgrade for Typhoon Premium Theme

3 weeks ago

2024 CMS Critic Award Voting

1 months ago

2024 CMS Critic Award Nominations

2 months ago

Grav 1.8-beta Released

3 months ago