

Создам Dockerfile и отредактирую его, вставив содержимое файла из репозитория ([getgrav/docker-grav](https://github.com/getgrav/docker-grav)):

```
imperatordenisergeevic — zsh — 80x24
imperatordenisergeevic@MacBook-Air-Polemarh ~ % touch Dockerfile
imperatordenisergeevic@MacBook-Air-Polemarh ~ % ls
Applications          Documents             Music
Creative Cloud Files  Downloads            Pictures
Desktop               Library              Public
Dockerfile            Movies               PycharmProjects
imperatordenisergeevic@MacBook-Air-Polemarh ~ % nano Dockerfile
```

```
imperatordenisergeevic — nano Dockerfile — 80x24
GNU nano 2.0.6          File: Dockerfile
# Create cron job for Grav maintenance scripts
RUN (crontab -l; echo "* * * * * cd /var/www/html;/usr/local/bin/php bin/grav s$

# Return to root user
USER root

# Copy init scripts
# COPY docker-entrypoint.sh /entrypoint.sh

# provide container inside image for data persistence
VOLUME ["/var/www/html"]

# ENTRYPOINT ["/entrypoint.sh"]
# CMD ["apache2-foreground"]
CMD ["sh", "-c", "cron && apache2-foreground"]

^G Get Help  ^O WriteOut  ^R Read File  ^Y Prev Page  ^K Cut Text   ^C Cur Pos
^X Exit      ^J Justify   ^W Where Is  ^V Next Page  ^U UnCut Text ^T To Spell
```

В этом же каталоге создам файл для сборки и запуска grav – docker-compose.yml. Помещу содержимое репозитория в данный файл.

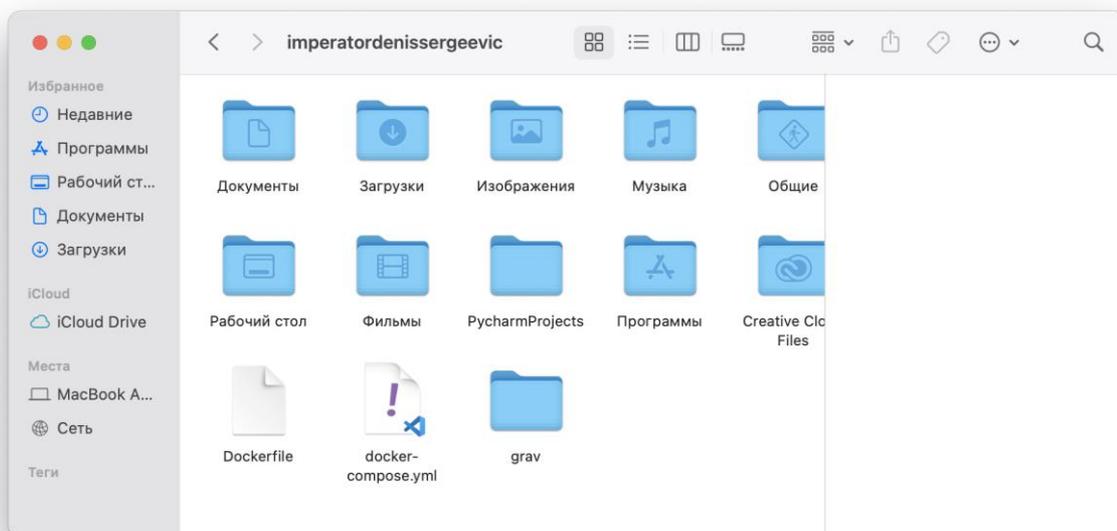
```
imperatordenisergeevic — -zsh — 80x24
imperatordenisergeevic@MacBook-Air-Polemarh ~ % touch docker-compose.yml
imperatordenisergeevic@MacBook-Air-Polemarh ~ % nano docker-compose.yml
imperatordenisergeevic@MacBook-Air-Polemarh ~ % cat docker-compose.yml
volumes:
  grav-data:
    driver: local
    driver_opts:
      type: none
      device: $PWD/grav
      o: bind

services:
  grav:
    build: ./
    ports:
      - 8080:80
    volumes:
      - grav-data:/var/www/html
imperatordenisergeevic@MacBook-Air-Polemarh ~ %
```

В текущем каталоге создам подкаталог grav, в который буду загружать содержимое сайта.

```
imperatordenisergeevic — -zsh — 80x24
imperatordenisergeevic@MacBook-Air-Polemarh ~ % mkdir grav
imperatordenisergeevic@MacBook-Air-Polemarh ~ % ls
Applications      Downloads          Public
Creative Cloud Files  Library           PycharmProjects
Desktop           Movies            docker-compose.yml
Dockerfile        Music            grav
Documents         Pictures
imperatordenisergeevic@MacBook-Air-Polemarh ~ %
```

Загрузю базовый архив grav, чтобы положить его в текущий каталог.

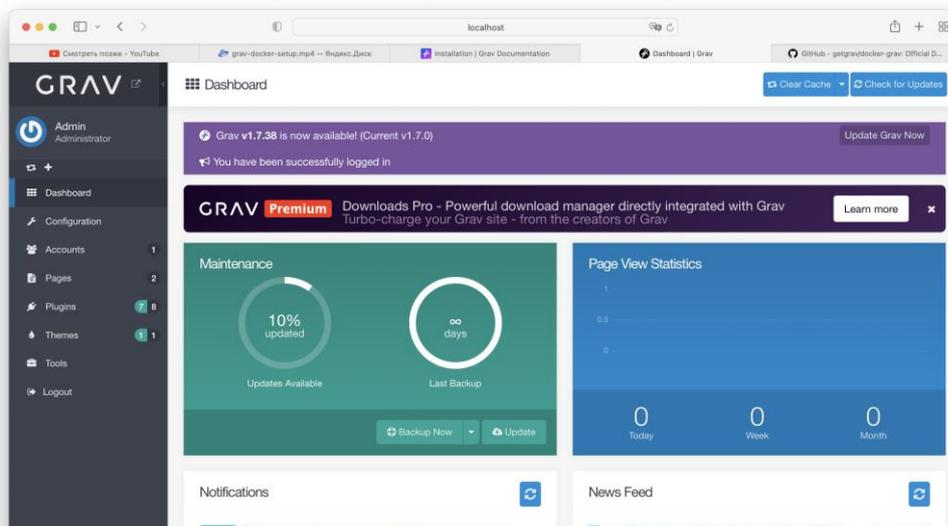
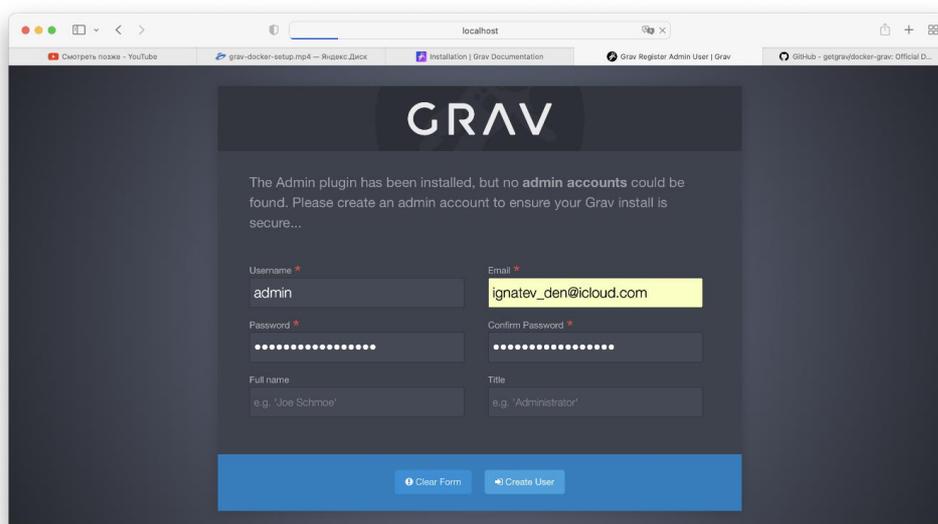


Выполню команду «docker-compose up». Начался процесс сборки образа из Dockerfile.

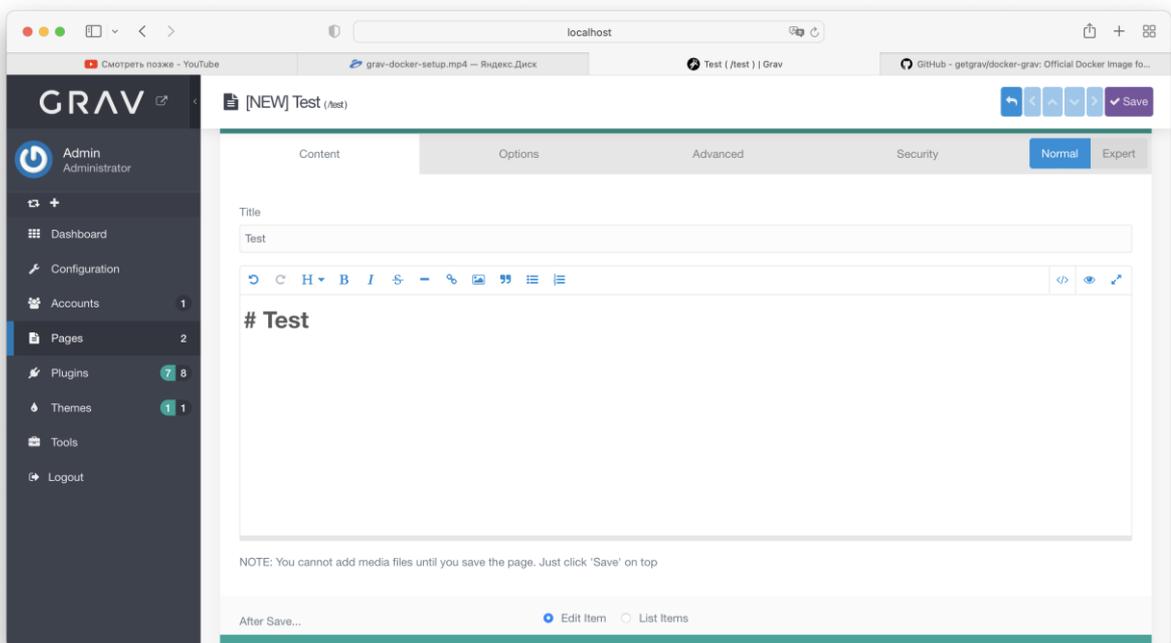
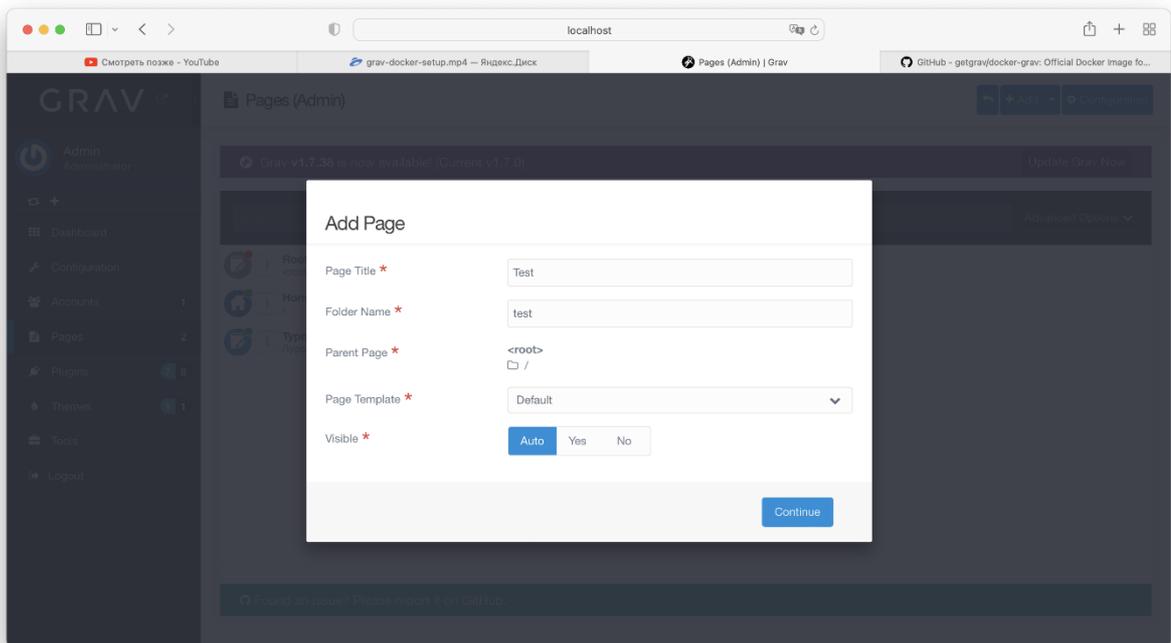
```
imperatordenisergeevic — zsh — 80x24
imperatordenisergeevic@MacBook-Air-Polemarh ~ % cd grav
imperatordenisergeevic@MacBook-Air-Polemarh grav % ls
CHANGELOG.md          bin                  now.json
CODE_OF_CONDUCT.md   cache               robots.txt
CONTRIBUTING.md     codeception.yml    system
LICENSE.txt           composer.json       tests
README.md             composer.lock       tmp
SECURITY.md          images              user
assets                index.php           vendor
backup                logs                webserver-configs
imperatordenisergeevic@MacBook-Air-Polemarh grav % cd ..
imperatordenisergeevic@MacBook-Air-Polemarh ~ % docker-compose up
```

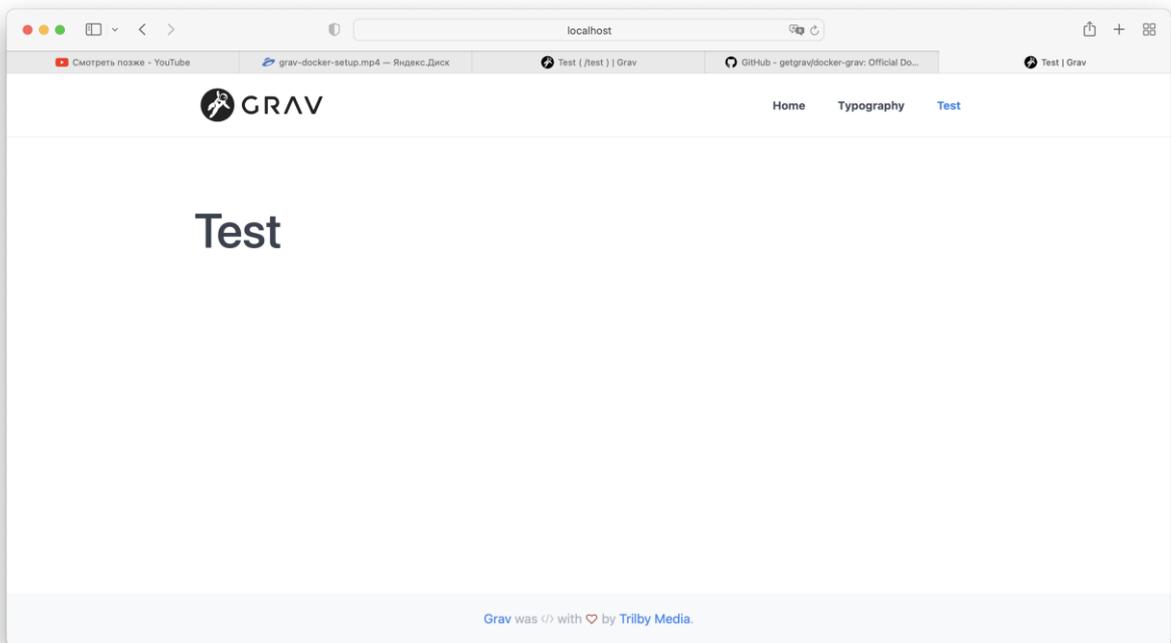
```
imperatordenissergeevic — docker-compose — docker compose up — 80x...
=> [7/9] WORKDIR /var/www 0.0s
=> [8/9] RUN curl -o grav-admin.zip -SL https://getgrav.org/download/core 3.9s
=> [9/9] RUN (crontab -l; echo "* * * * * cd /var/www/html;/usr/local/bin 0.2s
=> exporting to image 0.4s
=> exporting layers 0.4s
=> writing image sha256:c3189b212a7e3a120df8ae188ed53c4451878acd0ca59 0.0s
=> naming to docker.io/library/imperatordenissergeevic-grav 0.0s
[+] Running 3/3
  :: Network imperatordenissergeevic_default Created 0.0s
  :: Volume "imperatordenissergeevic-grav-data" Created 0.0s
  :: Container imperatordenissergeevic-grav-1 Created 0.1s
Attaching to imperatordenissergeevic-grav-1
imperatordenissergeevic-grav-1 | AH00558: apache2: Could not reliably determine
imperatordenissergeevic-grav-1 | the server's fully qualified domain name, using 172.18.0.2. Set the 'ServerName
imperatordenissergeevic-grav-1 | ' directive globally to suppress this message
imperatordenissergeevic-grav-1 | AH00558: apache2: Could not reliably determine
imperatordenissergeevic-grav-1 | the server's fully qualified domain name, using 172.18.0.2. Set the 'ServerName
imperatordenissergeevic-grav-1 | ' directive globally to suppress this message
imperatordenissergeevic-grav-1 | [Sun Feb 19 10:31:38.842044 2023] [mpm_prefork
imperatordenissergeevic-grav-1 | :notice] [pid 9] AH00163: Apache/2.4.54 (Debian) configured -- resuming normal o
imperatordenissergeevic-grav-1 | perations
imperatordenissergeevic-grav-1 | [Sun Feb 19 10:31:38.842083 2023] [core:notice
imperatordenissergeevic-grav-1 | ] [pid 9] AH00094: Command line: 'apache2 -D FOREGROUND'
```

После успешной сборки открою браузер и перейду по адресу: localhost:8080. Провожу регистрацию пользователя.

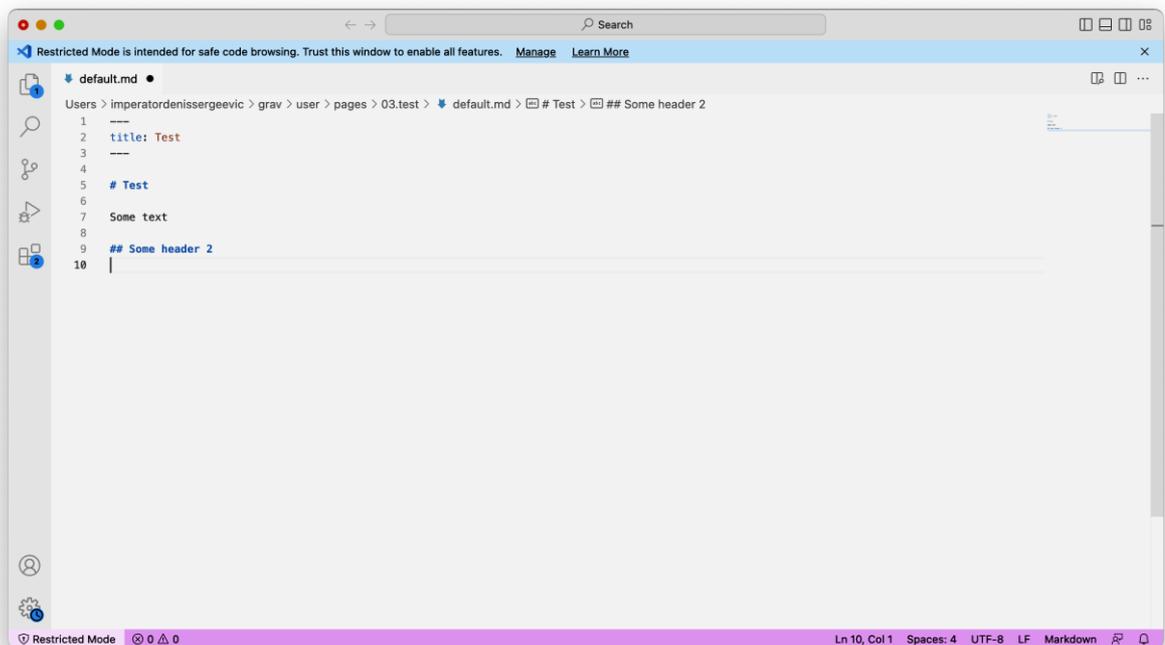


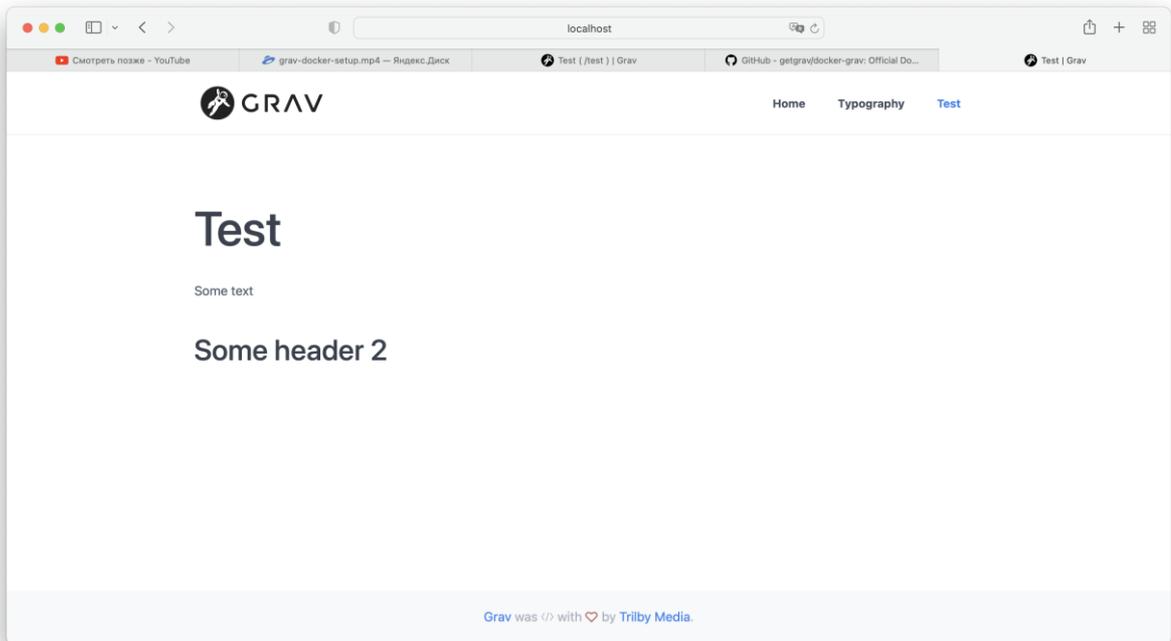
Перейду в раздел «Pages» и создам новую страницу. Введу некоторый текст и открою созданную страницу.





Нам предоставляет возможность отредактировать страницу как в админ-панели, так и локально на компьютере.





Есть два способа остановки контейнера: с помощью сочетания клавиш «Ctrl + C» или с помощью команды «docker-compose down».

```
imperatordenisergeevic — -zsh — 80x24
[docker-compose up -d
[+] Running 1/1
  # Container imperatordenisergeevic-grav-1 Started 0.6s
imperatordenisergeevic@MacBook-Air-Polemarh ~ % docker ps
CONTAINER ID   IMAGE                                COMMAND                  CREATED
STATUS        PORTS                                NAMES
54e679a829c6  imperatordenisergeevic-grav        "docker-php-entrypoi..." 19 minute
s ago        Up 15 seconds    0.0.0.0:8080->80/tcp    imperatordenisergeevic-grav-1
imperatordenisergeevic@MacBook-Air-Polemarh ~ % docker-compose down
[+] Running 2/1
  # Container imperatordenisergeevic-grav-1 Removed 10.2s
  # Network imperatordenisergeevic_default Removed 0.1s
imperatordenisergeevic@MacBook-Air-Polemarh ~ %
```