

Презентация по лабораторной работе №5

Настройка рабочей среды

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Настроить рабочую среду

Выполнение лабораторной работы

Устанавливаю менеджер паролей pass

```
[sofich132237371@fedora ~]$ sudo dnf install pass pass-otp
Copr repo for gitflow owned by elegos
Fedora 39 - x86_64 - Updates
Fedora 39 - x86_64 - Updates
Dependencies resolved.

-----
Package                                Architecture
-----
Installing:
pass                                   noarch
pass-otp                             noarch
Installing dependencies:
liboath                              x86_64
oathtool                             x86_64
qrencode                             x86_64

Transaction Summary
-----
Install 5 Packages

Total download size: 205 k
Installed size: 414 k
Is this ok [y/N]:
```

Устанавливаю gopass

```
[sofich132237371@fedora ~]$ sudo dnf install gopass
Last metadata expiration check: 0:00:51 ago on Sat 09 Mar 2024 01:45:16 PM MSK.
Dependencies resolved.
-----
Package                                Architecture      Version
-----
Installing:
gopass                                x86_64            1.15.2-2.fc40
Installing dependencies:
fish                                  x86_64            3.7.0-1.fc40
pcre2-utf32                           x86_64            10.42-1.fc40
Installing weak dependencies:
yt-dlp-fish-completion                noarch            2023.12.30
-----
Transaction Summary
-----
Install 4 Packages

Total download size: 11 M
Installed size: 33 M
Is this ok [y/N]: y
Downloading Packages:
Waiting for process with pid 1772 to finish.
```

Просматриваю список ключей

```
[sofich132237371@fedora ~]$ gpg --list-secret-keys
[keyboard]
-----
sec   rsa4096 2024-02-26 [SC]
      22F347649CFA90D07C3858BE472EF7FFBEC65850
uid           [ultimate] SofichAndrey <132237370pfur.ru>
ssb   rsa4096 2024-02-26 [E]

sec   rsa4096 2024-02-26 [SC]
      434870EA548693A82E0ECED18233EAE8099FD390
uid           [ultimate] AndreySofich <andrejsofic2@gmail.com>
ssb   rsa4096 2024-02-26 [E]
```

Рис. 3: Список ключей

Инициализирую хранилище

```
[sofich132237371@fedora ~]$ pass init andrejsofic2@gmail.com  
mkdir: created directory '/home/sofich132237371/.password-store/'  
Password store initialized for andrejsofic2@gmail.com
```

Рис. 4: Инициализация

Создаю структуру git

```
[sofich132237371@fedora ~]$ pass git init
Initialized empty Git repository in /home/sofich132237371/.password-store/.git/
[master (root-commit) a539897] Add current contents of password store.
 1 file changed, 1 insertion(+)
 create mode 100644 .gpg-id
[master a518a6d] Configure git repository for gpg file diff.
 1 file changed, 1 insertion(+)
 create mode 100644 .gitattributes
```

Рис. 5: Создание структуры

Создаю репозиторий, задаю адрес на хостинге, синхронизирую и создаю изменения в файловой системе

```
[sofich132237371@fedora .password-store]$ git >>README1.md
[sofich132237371@fedora .password-store]$ git add .
[sofich132237371@fedora .password-store]$ git commit -am 'edit README1.md'
[master c3534d2] edit manually
1 file changed, 44 insertions(+)
create mode 100644 README1.md
[sofich132237371@fedora .password-store]$ git push
fatal: No configured push destination.
Either specify the URL from the command-line or configure a remote repository.

git remote add <name> <url>

and then push using the remote name

git push <name>

[sofich132237371@fedora .password-store]$ git remote add lab005 https://github.com/AndreySofich/lab005.git
[sofich132237371@fedora .password-store]$ git push lab005
fatal: The current branch master has no upstream branch.
To push the current branch and set the remote as upstream, use

git push --set-upstream lab005 master

To have this happen automatically for branches without a tracking
upstream, see 'push.autoSetUpRemote' in 'git help config'.

[sofich132237371@fedora .password-store]$ git push --set-upstream lab005 master
Enumerating objects: 12, done.
Counting objects: 100% (12/12), done.
Delta compression using up to 4 threads
Compressing objects: 100% (9/9), done.
Writing objects: 100% (12/12), 4.61 KiB | 1.54 MiB/s, done.
Total 12 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/AndreySofich/lab005.git
```

Устанавливаю программу, обеспечивающую интерфейс native messaging

```
[sofichi32237371@fedora .password-store]$ sudo dnf copr enable maximbaz/browserpass
Enabling a Copr repository. Please note that this repository is not part
of the main distribution, and quality may vary.

The Fedora Project does not exercise any power over the contents of
this repository beyond the rules outlined in the Copr FAQ at
<https://docs.pagure.org/copr.copr/user\_documentation.html#what-i-can-build-in-copr>,
and packages are not held to any quality or security level.

Please do not file bug reports about these packages in Fedora
Bugzilla. In case of problems, contact the owner of this repository.

Do you really want to enable copr.fedorainfracloud.org/maximbaz/browserpass? [y/N]: y
Repository successfully enabled.
[sofichi32237371@fedora .password-store]$ sudo dnf install browserpass
Copr repo for browserpass owned by maximbaz
```

Рис. 7: Установка программы

Устанавливаю дополнительное программное обеспечение

```
[sofich132237371@fedora ~]$ sudo dnf -y install \
    dunst \
    fontawesome-fonts \
    powerline-fonts \
    light \
    fuzzel \
    swaylock \
    kitty \
    waybar swaybg \
    wl-clipboard \
    mpv \
    grim \
    slurp
```

Рис. 8: Установка

Устанавливаю шрифты

```
[sofich132237371@fedora ~]$ sudo dnf copr enable peterwu/iosevka
Enabling a Copr repository. Please note that this repository is not part
of the main distribution, and quality may vary.

The Fedora Project does not exercise any power over the contents of
this repository beyond the rules outlined in the Copr FAQ at
<https://docs.pagure.org/copr.copr/user\_documentation.html#what-i-can-build-in-copr>,
and packages are not held to any quality or security level.

Please do not file bug reports about these packages in Fedora
Bugzilla. In case of problems, contact the owner of this repository.

Do you really want to enable copr.fedorainfracloud.org/peterwu/iosevka? [y/N]: y
Repository successfully enabled.
[sofich132237371@fedora ~]$ sudo dnf search iosevka
```

Рис. 9: Установка

Устанавливаю бинарный файл и создаю репозиторий на основе шаблона

```
[sofich132237371@fedora ~]$ sh -c "$(wget -qO- chezmoi.io/get)"
info found version 2.47.1 for latest/linux/amd64
info installed ./bin/chezmoi
[sofich132237371@fedora ~]$ gh repo create dotfiles --template="yamadharma/dotfiles-template" --private
```

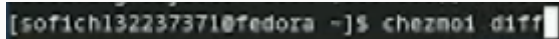
Рис. 10: Установка файла и создание репозитория

Инициализирую chezmoi с репозиторием dotfiles

```
[sofich132237371@fedora ~]$ chezmoi init git@github.com:AndreySofich/dotfiles.git
Cloning into '/home/sofich132237371/.local/share/chezmoi'...
remote: Enumerating objects: 100, done.
remote: Counting objects: 100% (100/100), done.
remote: Compressing objects: 100% (87/87), done.
remote: Total 100 (delta 0), reused 99 (delta 0), pack-reused 0
Receiving objects: 100% (100/100), 77.87 KiB | 565.00 KiB/s, done.
```

Рис. 11: Инициализация chezmoi

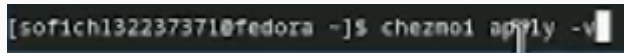
Проверяю изменение, которые внесет chezmoi

A terminal window with a black background and white text. The prompt is [sof1ch132237371@fedora ~]\$. The command entered is chezmoi diff. A white cursor is at the end of the command.

```
[sof1ch132237371@fedora ~]$ chezmoi diff
```

Рис. 12: Проверка

Меня устраивают изменения, поэтому запускаю chezmoi apply

A terminal window with a dark background. The prompt is '[sof1ch132237371@fedora ~]\$. The command 'chezmoi apply -v' is entered and being executed, with a cursor at the end of the line.

```
[sof1ch132237371@fedora ~]$ chezmoi apply -v
```

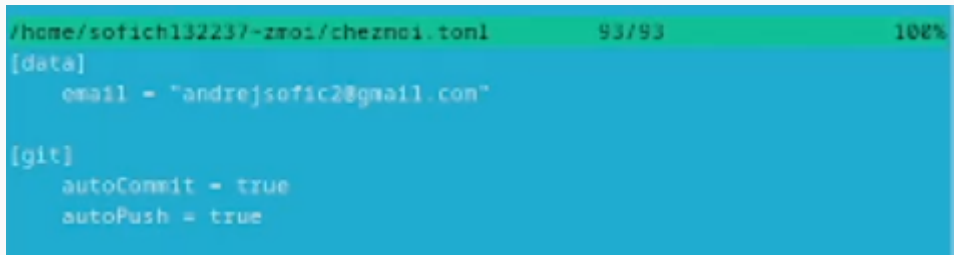
Рис. 13: Запуск

Извлекаю изменения и применяю их, смотрю, что изменится, не применяя изменения

```
[sofich132237371@fedora ~]$ chezmoi update
Already up to date.
[sofich132237371@fedora ~]$ chezmoi git pull -- --autostash --rebase && chezmoi diff
Already up to date.
```

Рис. 14: Операции с chezmoi

Включаю функцию, которая может автоматически отправлять изменения в исходный каталог в репозиторий



```
/home/sofich132237-zno1/chezmoi.toni 93/93 100%  
[data]  
  email = "andrejsofic2@gmail.com"  
  
[git]  
  autoCommit = true  
  autoPush = true
```

Рис. 15: Редактирование файла конфигурации

Я настроил рабочую среду