

**base
alt**

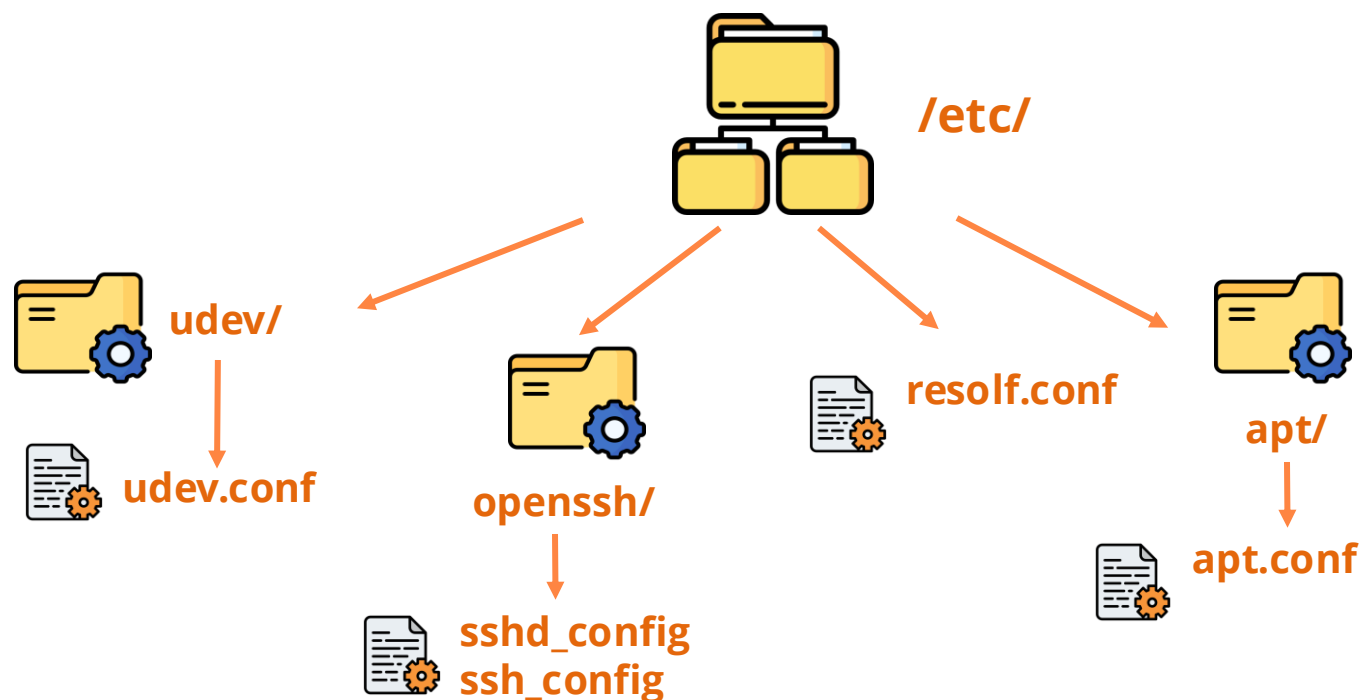


**АРХИТЕКТУРНЫЙ ПОДХОД
К ХРАНЕНИЮ СИСТЕМНЫХ
НАСТРОЕК**

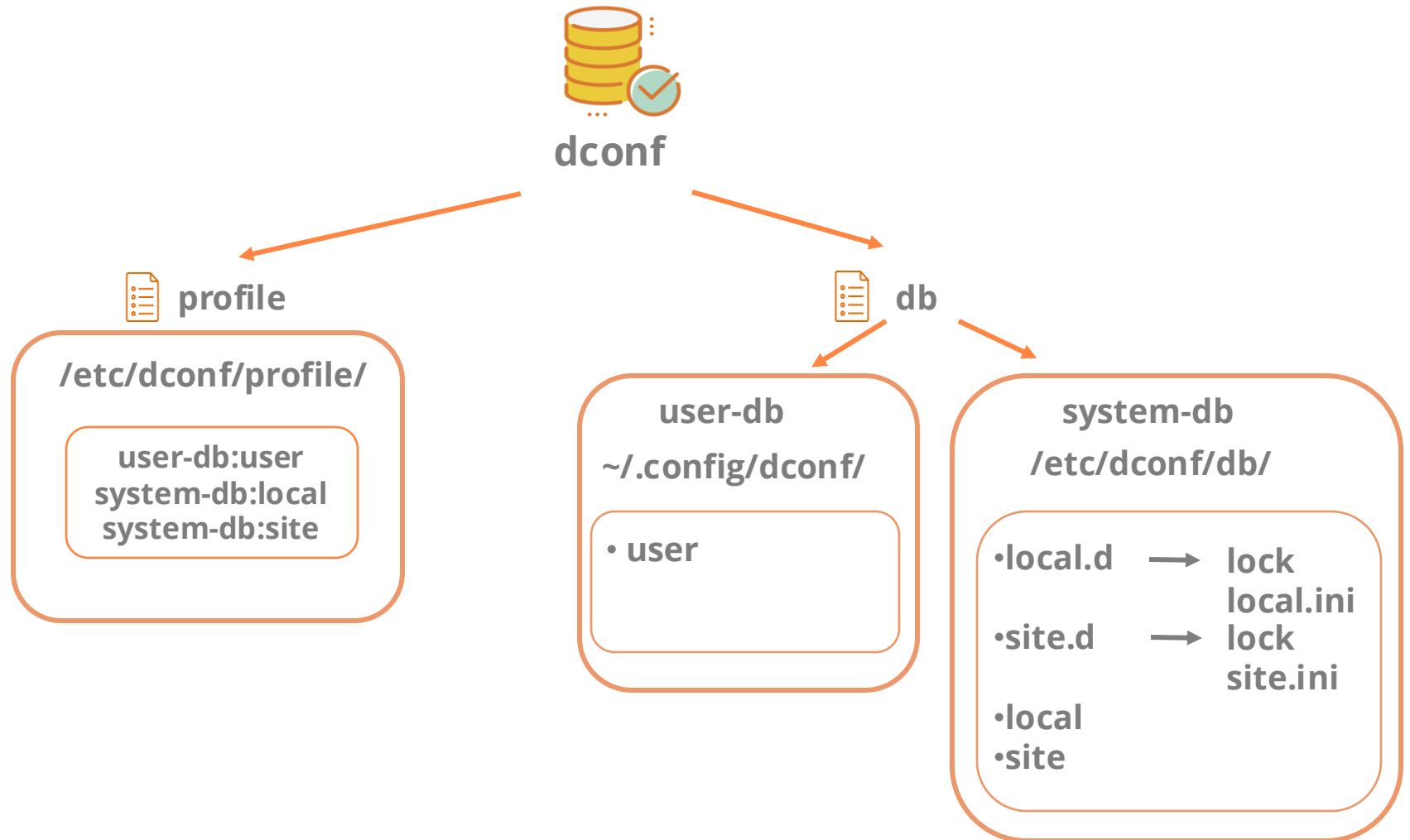
СКАЧЕДУБОВ Д.А.



Хранение конфигурационных файлов в Linux



Профили Dconf



Блокировки изменения ключей

- /etc/dconf/db/local.d/local.ini

```
[org/example]
value = "local"
```

- /etc/dconf/db/site.d/site.ini

```
[org/example]
value = "site"
```

```
# dconf read /org/example/value
```

```
'local'
```

```
profile
user-db:user
system-db:local
system-db:site
```

- /etc/dconf/db/local.d/local.ini

```
[org/example]
value = "local"
```

- /etc/dconf/db/site.d/site.ini

```
[org/example]
value = "site"
```

```
/etc/dconf/db/site.d/locks/lock
```

```
[/org/example/value]
```

```
# dconf read /org/example/value
```

```
'site'
```



Порядок чтения ключей

profile

user-db:user
system-db:local
system-db:site

local: value = "local" ↓

site: value = "site"

dconf read
/org/example/value

'local'

local: value = "local" ↑

site (lock): value =
"site"

dconf read
/org/example/value

'site'

local (lock): value =
"local" ↑

site (lock): value =
"site"

dconf read
/org/example/value

'site'

Dconf-profile



dconf-profile

user- b:user
system-db:local



user-db:user
system-db:policy
system-db:local



user-db:user
system-db:policy
system-db:local
system-db:policy



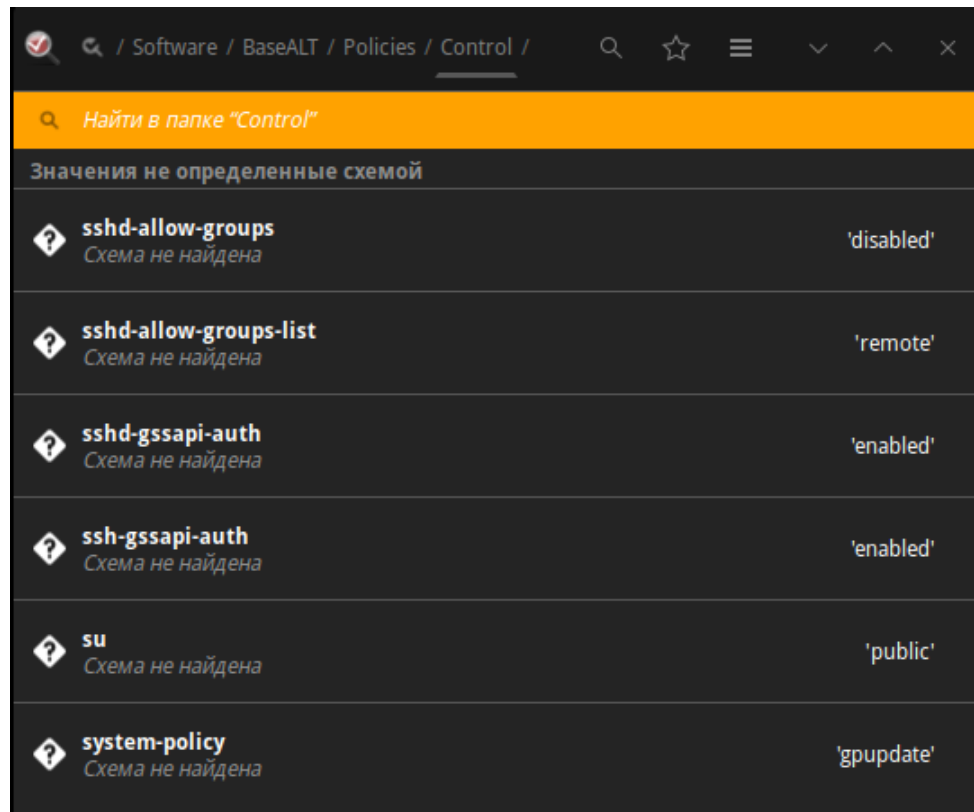
user-db:user
system-db:policy
system-db:local
system-db:default
system-db:local
system-db:policy



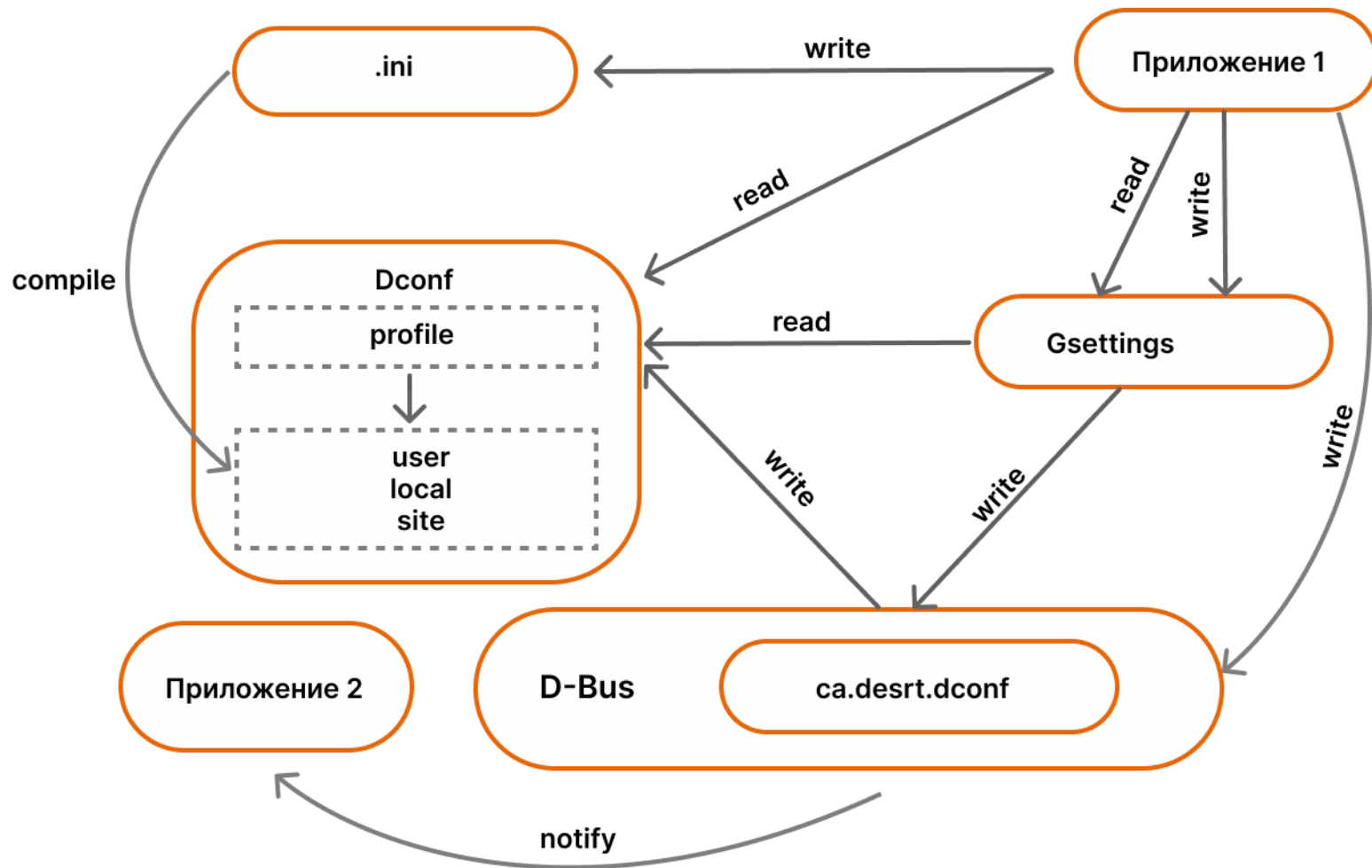
user-db:user
system-db:policy
system-db:policy{{uid}}
system-db:local
system-db:default
system-db:local
system-db:policy{{uid}}
system-db:policy

Способы взаимодействия с базой

- **dconf list**
- **dconf update**
- **dconf write**
- **dconf reset**
- **dconf read**
- **dconf dump**



Архитектура dconf



Текущее использование dconf и планы на дальнейшую разработку

**Gpupdate -
0.11.3-alt1**

**Samba-
winbind-
dnsupdate -
0.5-alt2**

**Gpresult -
0.0.2-alt1**

**Alterator-
backend-
editions -
0.1.0-alt1**

**ADMC -
0.17.0-alt1**



Заключение



<https://github.com/danila-Skachedubov/gpupdate>



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