

Apply roles and privileges with Idap2pg

From YAML or LDAP

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How do you do?

- ▶ Manually.
- ▶ Ad-hoc script.
- ▶ Ansible (*limited*).
- ▶ pg-ldap-sync (*slow, unmaintained*).

Why roles AND privileges?

- ▶ Allows to manage default privileges on role creation.
- ▶ Allows to grant privileges from directory.

Introducing Idap2pg

- ▶ Simple and powerful configuration in YAML.
- ▶ Python 3, 2.7 and 2.6.
- ▶ Minimal dependencies: python-ldap, pycopg2 and pyyaml.
- ▶ Describe roles statically **or** from LDAP objects.

How does it works

- ▶ Introspects Postgres and query LDAP.
- ▶ Compare & Synchronise.
- ▶ Roles first, then privileges.

YAML Sample

```
privileges:  
  ro: [__connect__, __select__]  
  
- role: me  
- grant:  
  privilege: ro  
  role: me
```

Be nice with DBA

- ▶ Meaningful messages.
- ▶ Dry run by default.
- ▶ Check mode alias audit mode.
- ▶ Logs every SQL queries.
- ▶ Logs LDAP queries as `ldapsearch` commands.

Hope you'll enjoy it!

- ▶ github.com/dalibo/ldap2pg