

# Introduction to SQLAlchemy python ORM

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# What is an ORM?

An ORM is the software artefact who maps from the relational data base to class or maps tables in a relational database directly to the object instance.

# Like what?

- Java = Hiberante
- PHP = Doctrine
- ruby = DataMapper
- .Net = NHibernate

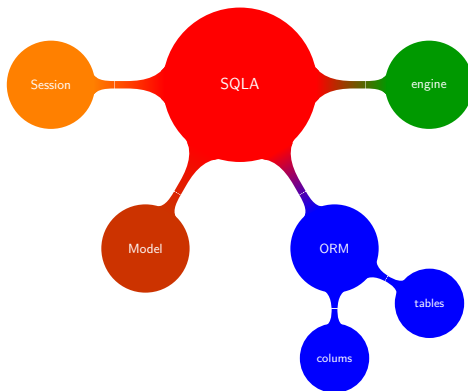
# Like What?

- What happen in python about django? The best known is django ORM but require django framework to work outside django but wait exist SQLAlchemy the best ORM in the python world ( is the only one )

Let me introduce you to SQLAlchemy

The most important think is the documentation Good documentation very helpful at <http://www.sqlalchemy.org> I use it with python 2.4 to 3.3 without problems SQLAlchemy evolve really good and is heavy used in Openstack, reddit, mozilla and other organizations

# SQLA pieces



# Python and Py-Ramesses

```
from sqlalchemy import orm
```