“Présentation Thomas Huet
Ingénieur de recherche en production, traitement et analyse de données au CNRS

IRAMAT-CNRS, Réunion du laboratoire LAPA, site du CEA

11/03/25

“In God we trust. All others must bring data."

W. Edwards Deming

(a)

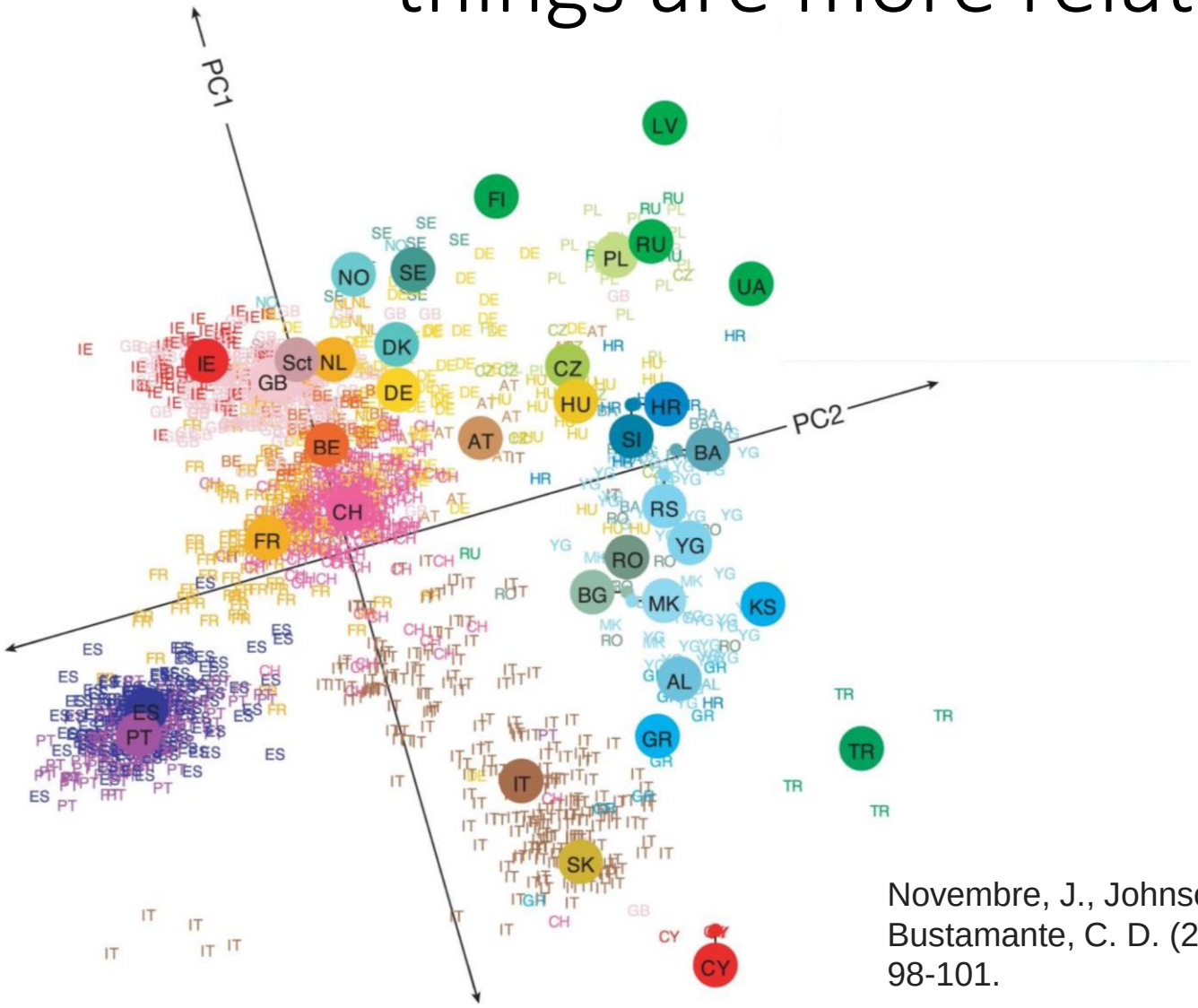
(b) (c)

La méthode

Wasserthal, L. T. (2011). Evolution of Long-Tongued Hawkmoths and Pollination of Long-Spurred Angraecum Orchids. In *Proceedings of the 20th World Orchid Conference* (pp. 280-284)

"Everything is related to everything else, but near things are more related than distant things"

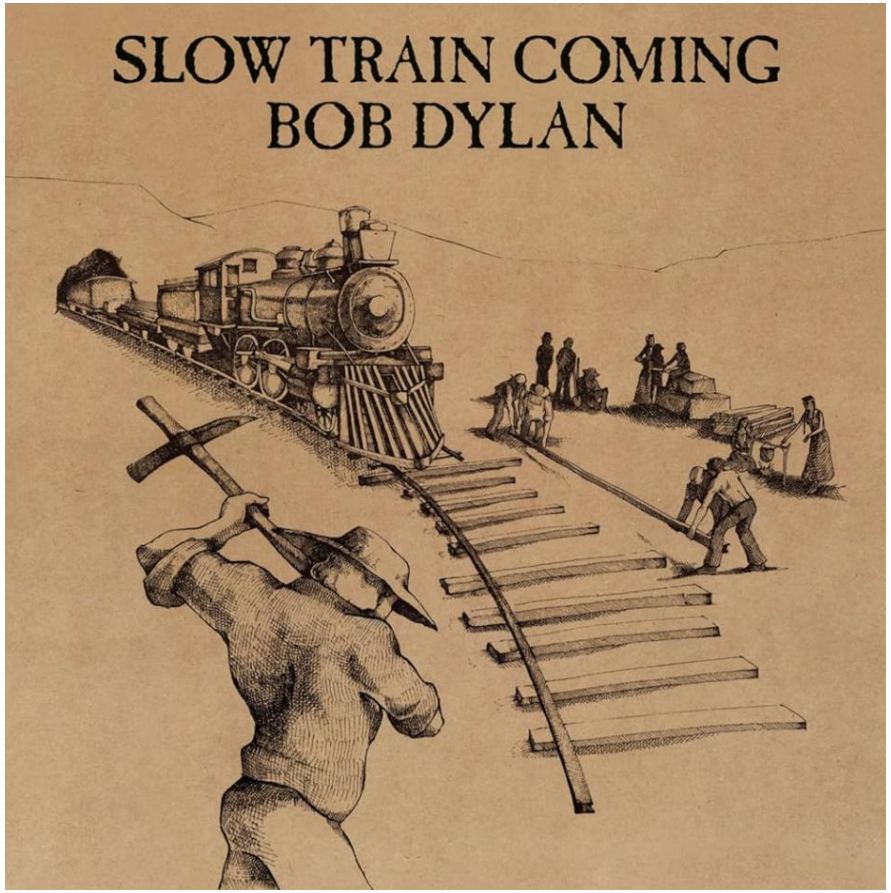
Waldo Tobler



Les statistiques

Novembre, J., Johnson, T., Bryc, K., Kutalik, Z., Boyko, A. R., Auton, A., ... & Bustamante, C. D. (2008). Genes mirror geography within Europe. *Nature*, *456*(7218), 98-101.

"There are only two hard things in Computer Science: cache invalidation and naming things"
Phil Karlton

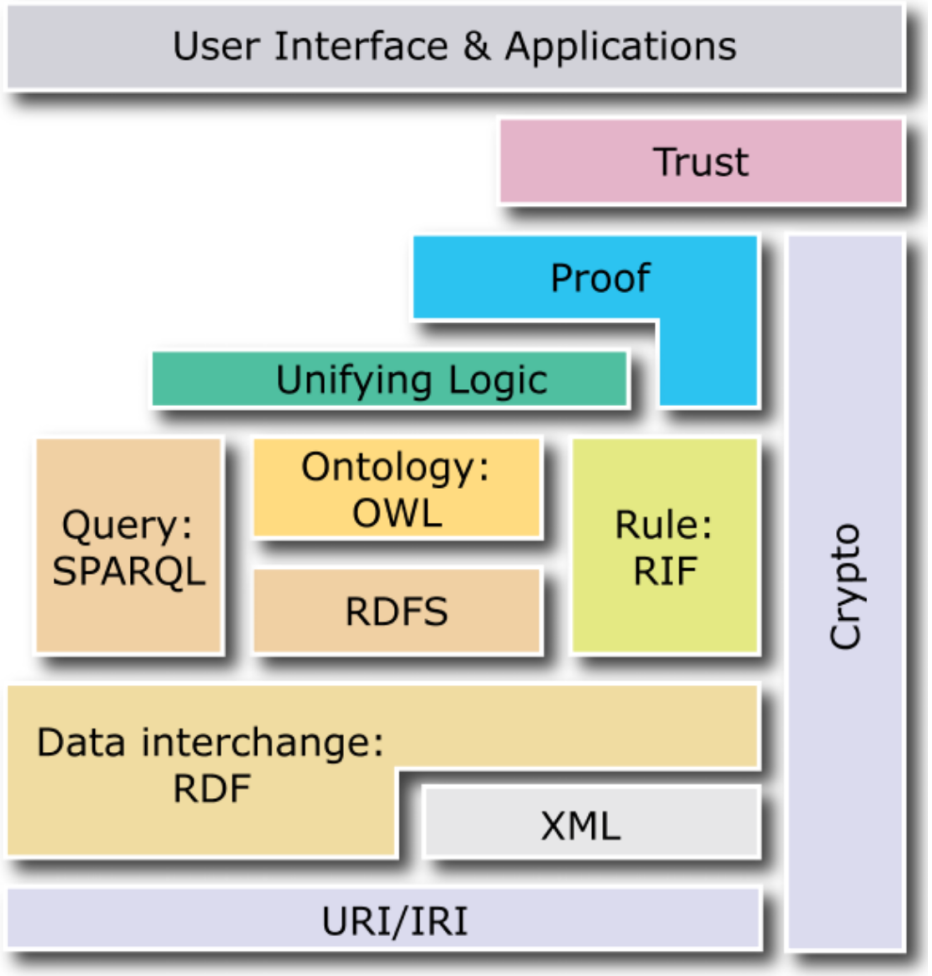


L'informatique

Dylan, B. (1979). *Slow train coming* [Album]. Columbia Records.

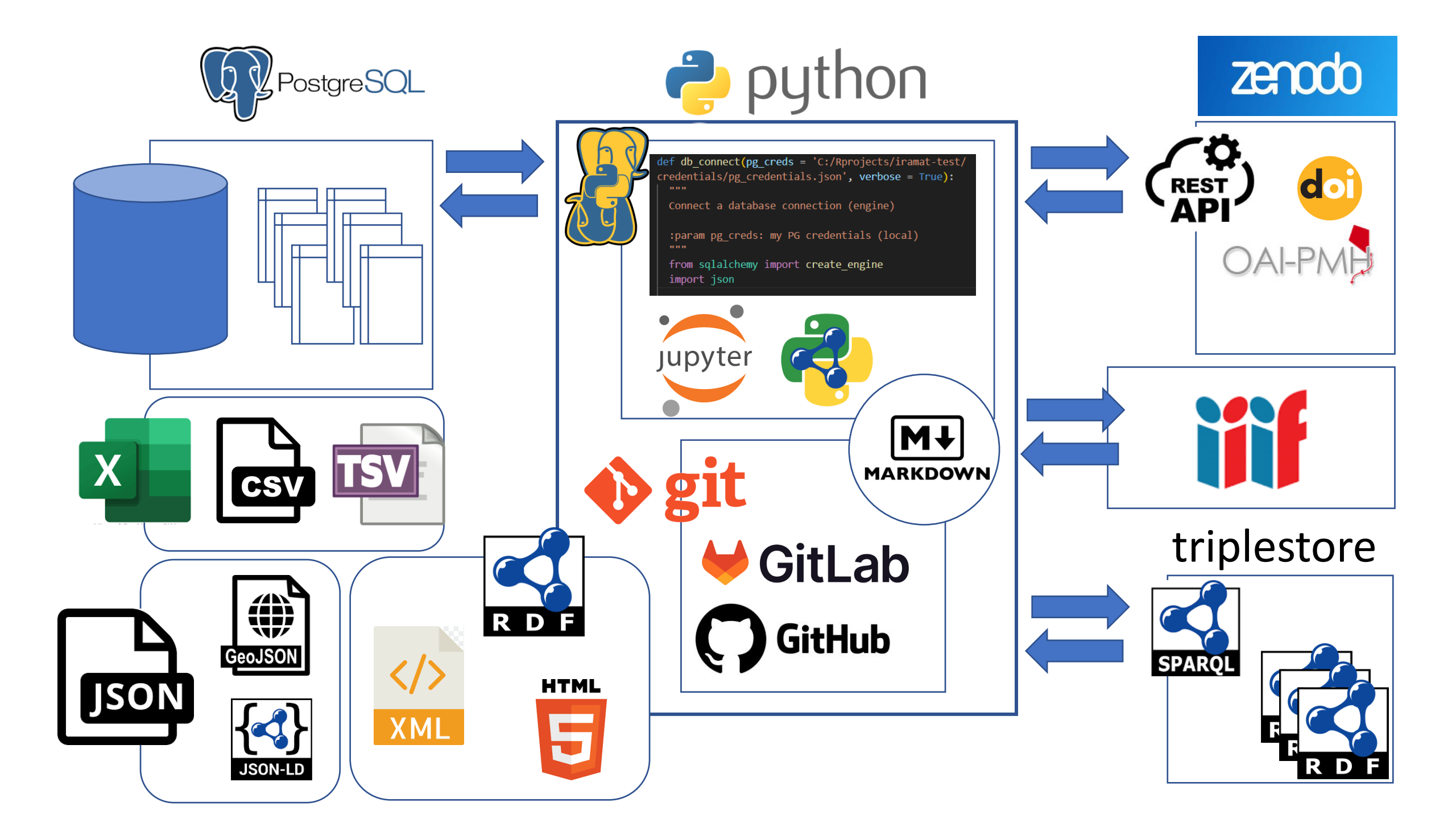
- Tack 8 – "Man Gave Names to All the Animals"

"The semantic web is the future of the internet and always will be"
Peter Norvig



Le Web sémantique

La pile logicielle du Web sémantique,
https://it.wikipedia.org/wiki/File:W3C-Semantic_Web_layerCake.png


PostgreSQL
python
zenodo
def db_connect(pg_creds = 'C:/Rprojects/iramat-test/credentials/pg_credentials.json', verbose = True):
"""
Connect a database connection (engine)
:param pg_creds: my PG credentials (local)
"""
from sqlalchemy import create_engine
import json
REST API
doi
OAI-PMH
jupyter
X
CSV
TSV
MARKDOWN
git
GitLab
GitHub
triplestore
SPARQL
RDF
JSON
GeoJSON
JSON-LD
XML
HTML
RDF