



EDB™

vms

Software

OpenVMS and PostgreSQL
the dawn of a new era



A S T O R Y O F

COMPETITIVE ADVANTAGE



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@Johnnyq72

BACKGROUND

- 30 years of database technology
- 15 years of consulting
- 15 years of management
- 15 years of technology sales
- 10 years of community advocacy
- 10 years of international public speaking

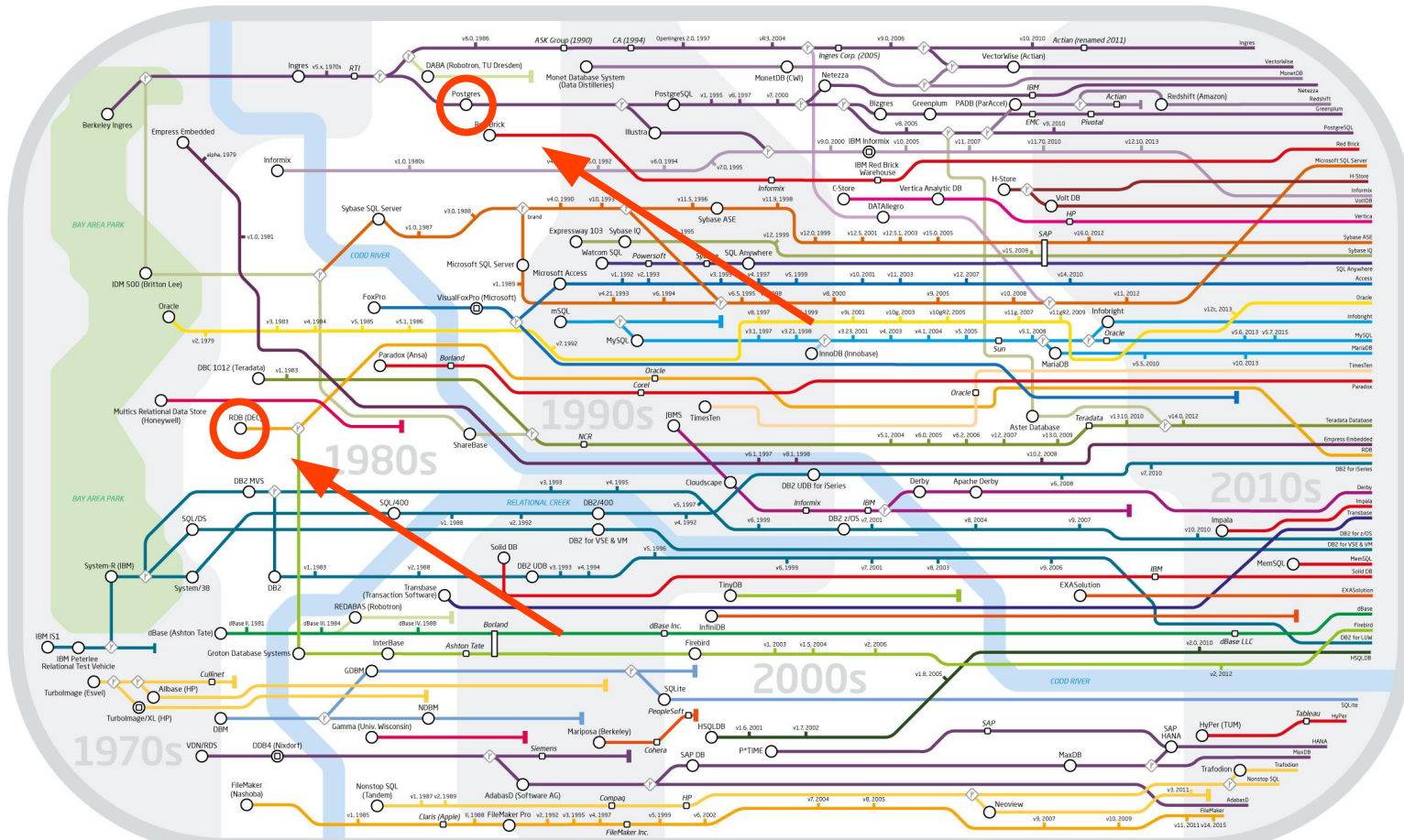


EXPERTISE

- Oracle ACE Alumni
- EDB Postgres Advanced Server Professional



Genealogy of Relational Database Management Systems



Key to lines and symbols

- DBMS name (Company)
- Acquisition
- Versions
- Discontinued
- Branch (Intellectual and/or code)
- Crossing lines have no special semantics



Miller
Follenwider,
Domling
Architects
Chicago, Ill.

1919

 MILLIONS OF HAPPY USERS  50 EMAIL LISTS 

325 MAJOR FEATURES  39 MAJOR CONTRIBUTORS

HUNDREDS OF FOREIGN DATA WRAPPERS  24 SPONSORS

@ 50,000 PEOPLE INVOLVED  160 NAMED CONTRIBUTORS

 1,500,000+ LINES OF C-CODE  52,000 COMMITS

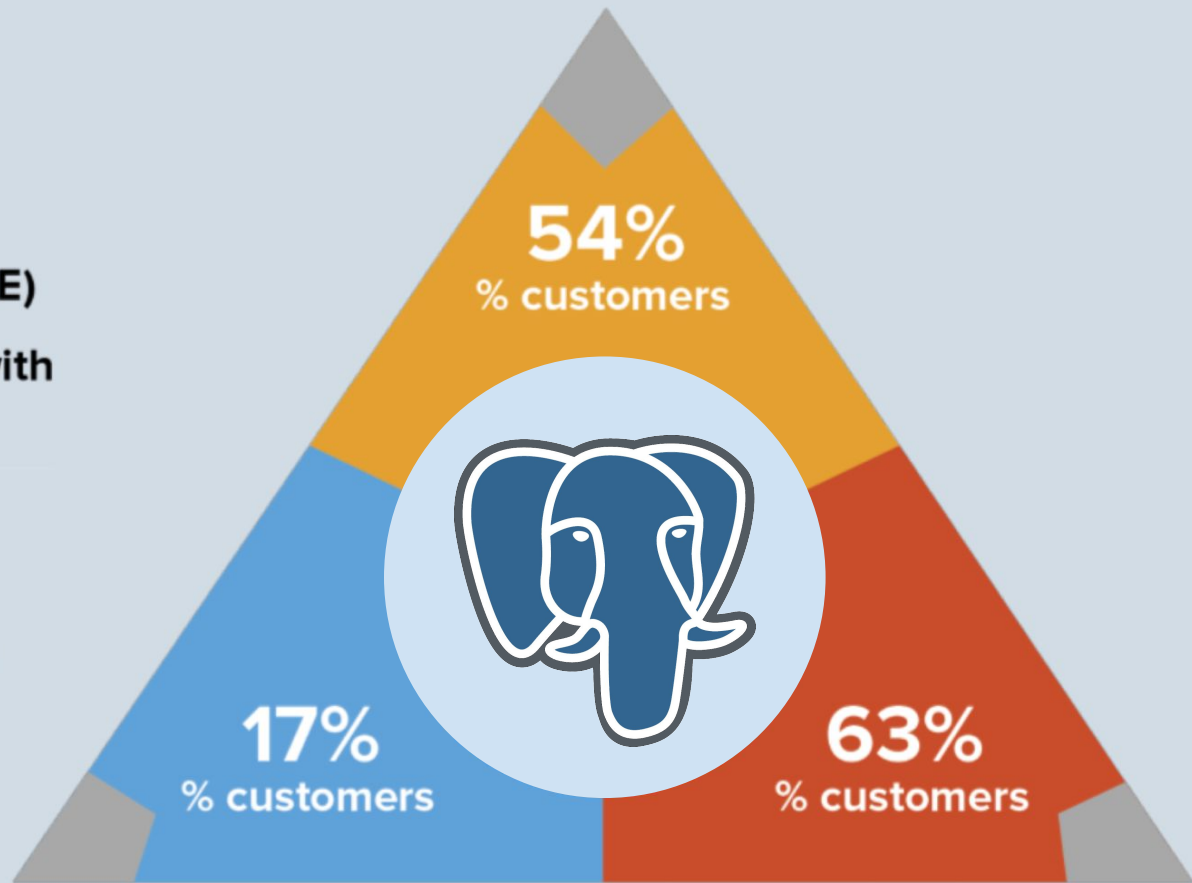
7 CORE TEAM MEMBERS  25 MAJOR RELEASES 

 67 REGISTERED USER GROUPS  ∞ DATA STORED

650+ CONTRIBUTORS TOTAL  HUNDREDS OF EXTENSIONS


- **Systems of Analysis (SoA)**
- **Systems of Record (SoR)**
- **Systems of Engagement (SoE)**
- **Specialty DBMS Providers with niche technologies**

% **Represent share of customers who run each data management workload**





THE POWER OF POSTGRES



Companies must shift to new **digital** operating models to compete and **stay relevant**

A NEW WORLD HAS EMERGED

- Data is the currency
- Data ownership is an economic advantage
- Databases are a strategic asset

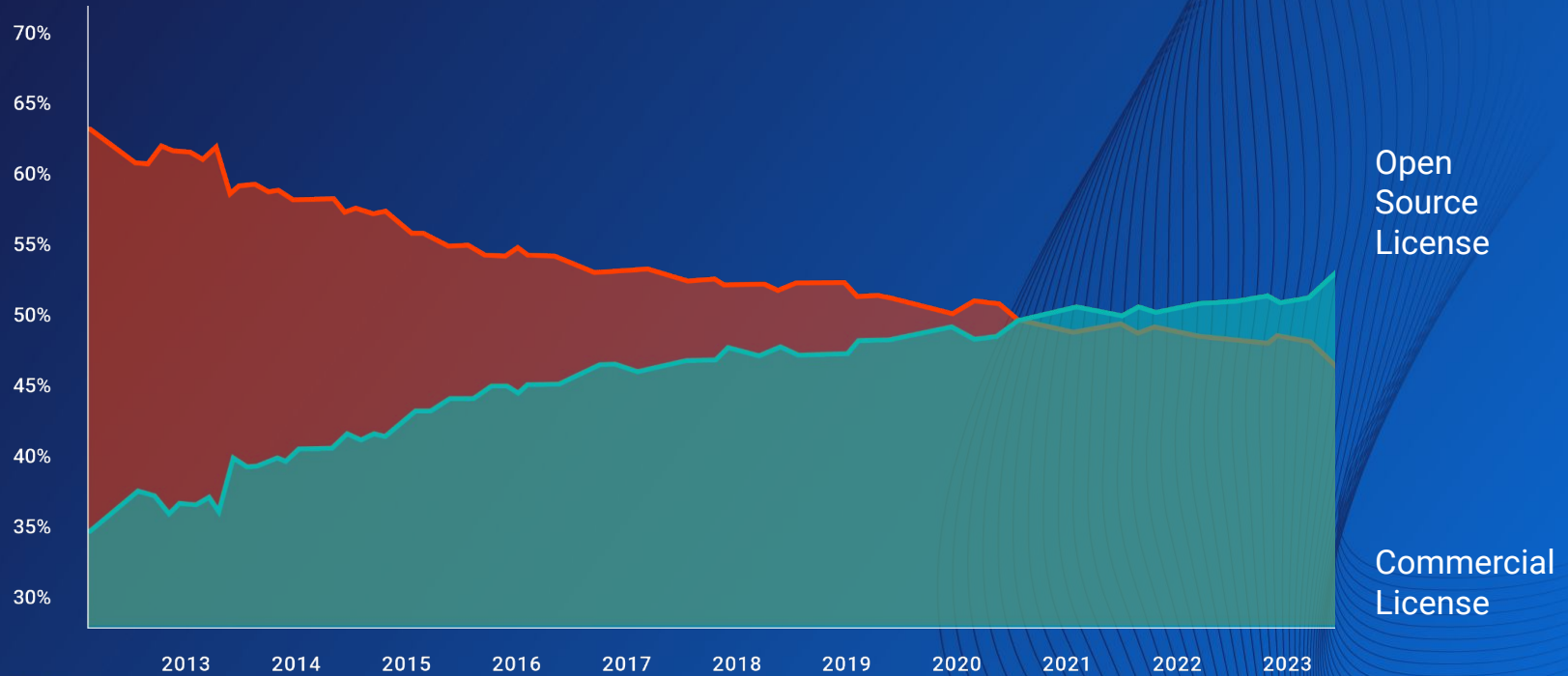
THE DIGITAL
TRANSFORMATION IS
UNDERWAY

The modern stack is
defined by **open source**

**Re-platforming of
CORE DATABASE
PLATFORMS
is central to this shift**

THE TIPPING POINT

Open source database licenses now outpace legacy



ENTER EDB

THE LEADER IN ENTERPRISE-GRADE POSTGRES

1500+ Enterprises and Growing

EDB deeply understands Enterprise Postgres needs.

79 Countries around the World

Global footprint and employee base.

18 Years of Driving Postgres in the Cloud

Long-term customers and deep Postgres capabilities.

3 of 7 Postgres Core Team Members, **7** Committers, **40+** Contributors

EDB is the leading Postgres community contributor.

30% of Postgres Code Contributed in 2021

Driving the innovation and foundation of Postgres.

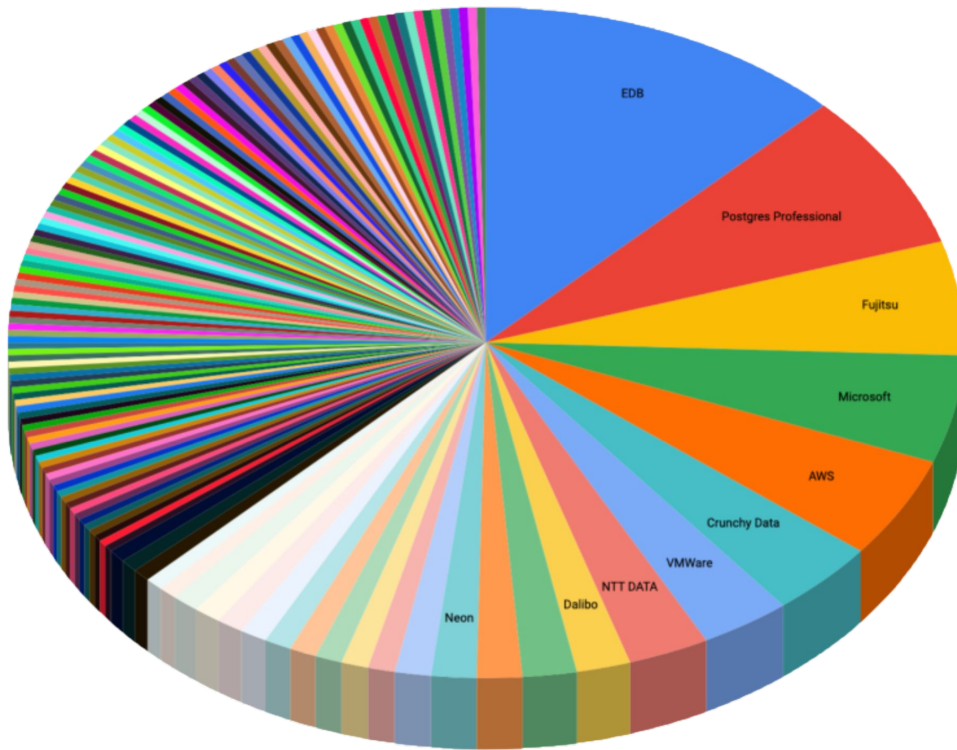
>300 Dedicated Postgres engineers

Unparalleled expertise in Postgres.

EDB **builds Postgres,**
alongside a vibrant,
independent community.

You have direct access to the experts
shaping the direction of the technology.



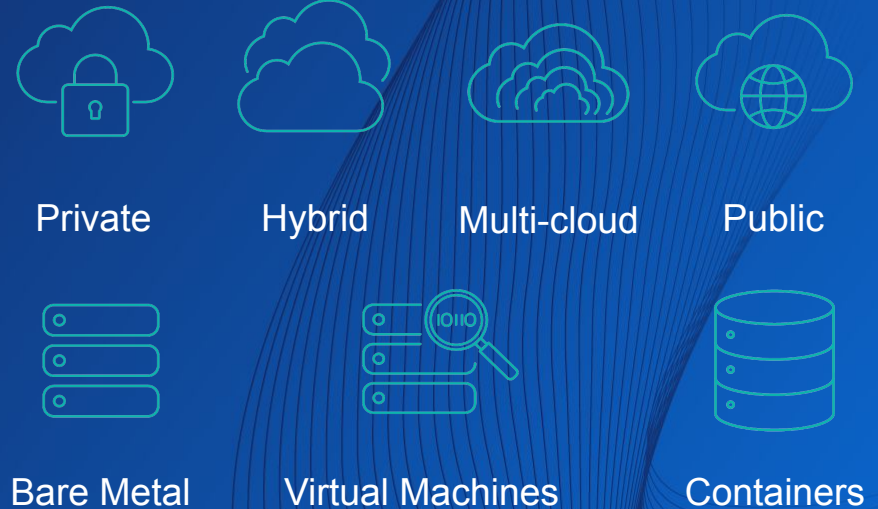


- EDB
 ● Postgres Professional
 ● Fujitsu
 ● Microsoft
 ● AWS
 ● Crunchy Data
 ● VMWare
 ● NTT DATA
 ● Dalibo
 ● Timescale
 ● HighGo
 ● Neon
 ● Cybertec
 ● Adjust
- Credativ
 ● Google
 ● Kontur
 ● Materialize
 ● NTT
 ● Red Hat
 ● SRA OSS
 ● Yugabyte
 ● Aiven
 ● Instaclustr
 ● Loxodata
 ● pganalyze
 ● PostgreSQL Experts
- AD Parts
 ● Analytics Engines
 ● Anastigmatix
 ● Apple
 ● Arcion Labs
 ● Arenadata
 ● Atos
 ● Avaya
 ● Axians NL
 ● Bank of China
 ● BCL
 ● Betsys
 ● Betterment
- Bigbank
 ● Blacksmith Applications
 ● Braintree
 ● Caesars Digital
 ● Capital Rx
 ● Capsico Health
 ● CdC
 ● Citus Data
 ● Clearco
 ● Cockroach Labs
 ● Code Synthesis Tools
- Codice Lieve
 ● Cofano Software Solutions
 ● Coinbase
 ● Conova Communications GmbH
 ● CrateDB
 ● CRSCube
 ● Data Egret
 ● dbi services
 ● Deutsche Telecom
 ● Dext
- DockYard
 ● Doctolib
 ● DuckDB Labs
 ● EdgeDB
 ● End Point Corp
 ● Entelect
 ● EPAM Systems
 ● Fivetran
 ● Forest Management Institute
 ● Garner
 ● Gentoo
- GLS Bank
 ● GTT
 ● HeteroDB
 ● HP
 ● IBM
 ● ILande
 ● Illuminated Computing
 ● Index
 ● Instructure
 ● Intel
 ● Intellisoft
 ● Intezer
 ● JackDB
 ● Jampp
 ● 58 more

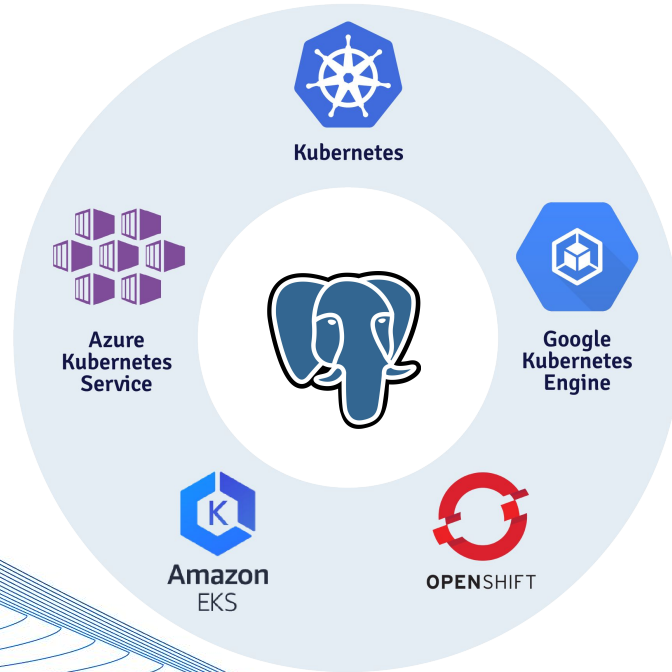
ENABLING THE SAME POSTGRES EVERYWHERE

From self-managed to fully managed DBaaS in the cloud

- Same applications
- Faster innovation
- Performance and scalability
- Stability, security and control
- Seamless integration



Deploy anywhere



Cloud Native Postgres success story

Global Dutch Dredging company



Re-architecting a critical data center management application with k8s and containers.



Initiatives

- Rebuild a data center management app from VMs to k8s
- Migrate away from Oracle



Business benefits

- Reduce costs moving from Oracle to Postgres
- Embrace continuous delivery



EDB's value

- Container images for EDB Postgres Advanced with Oracle compatibility
- Strong security best practices
- k8s and Postgres expertise



Solution details

- Rebuild application with a microservices-based architecture
- Cloud Native Postgres to provide EDB Postgres Advanced container images and k8s operator for the data layer of the application
- To be deployed in up to 30 data centers



BEYOND COMMUNITY POSTGRES

- Enterprise-grade solutions
- Hardened security, including TDE
- Extreme high availability
- Oracle compatibility
- World class, 24x7 support
- Better performance
- Reduced costs
- Scalability
- Deployment flexibility



WE ACCELERATE YOUR STRATEGY

Considering
Postgres

Getting
enterprise
support

Mapping to
goals &
outcomes

Migrating
from other
vendors

Upskilling
staff and
reducing
overhead

Harnessing
the full power
of Postgres



EDB Guides You Through Every Phase

EDB portfolio

Delivering our customers the Postgres they need

Your use cases

- New applications
- Database migrations
- Replatform to the cloud

Your requirements

- Availability
- Scalability
- Flexibility
- Expertise



The database you need

- Postgres
- EDB Postgres Advanced Server
- EDB Postgres Extended



Where you want it

- On-premises | hybrid cloud | multi cloud
- Virtual machines
- Kubernetes
- Cloud managed service



The tools you need

- EDB tools
- Open source tools



The help you need

- Expert 24/7 technical support
- Remote DBAs | Cloud DBAs
- Technical Account Managers
- Professional Services



EDB portfolio

SOFTWARE

Postgres

EDB Postgres Extended

EDB Postgres Advanced Server

Open Source Tools

EDB Postgres Tools

SUPPORT

Postgres
Technical Support

Cloud DBA Service

Remote DBA Service

Technical Account Manager

SERVICES

Getting Started

Postgres Optimization

Enterprise Strategy

Custom Services

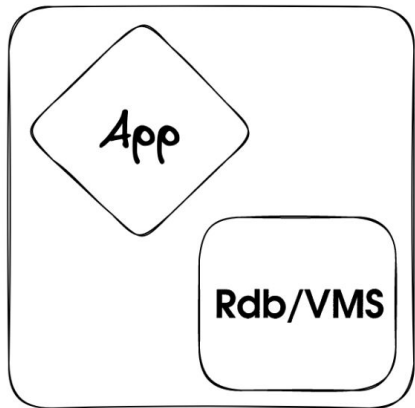
Training



VMS AND POSTGRES

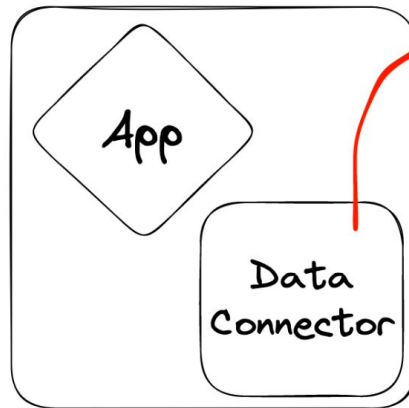


Now



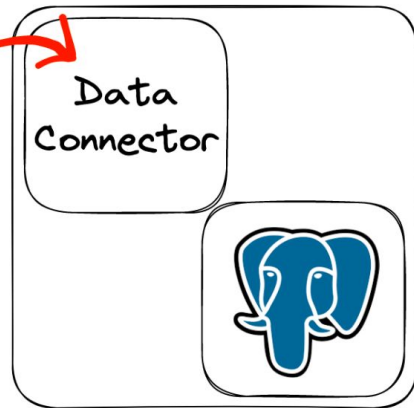
VMS Node

Then



VMS Node

Somewhere else



Some node

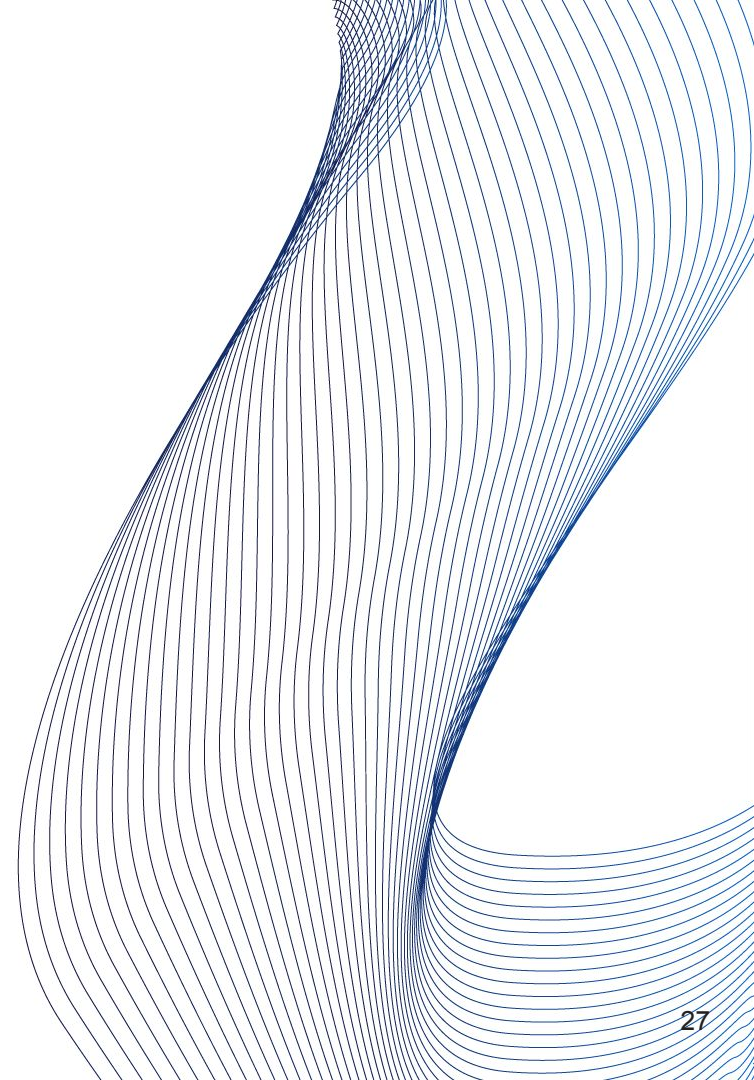
Why?

Open platform

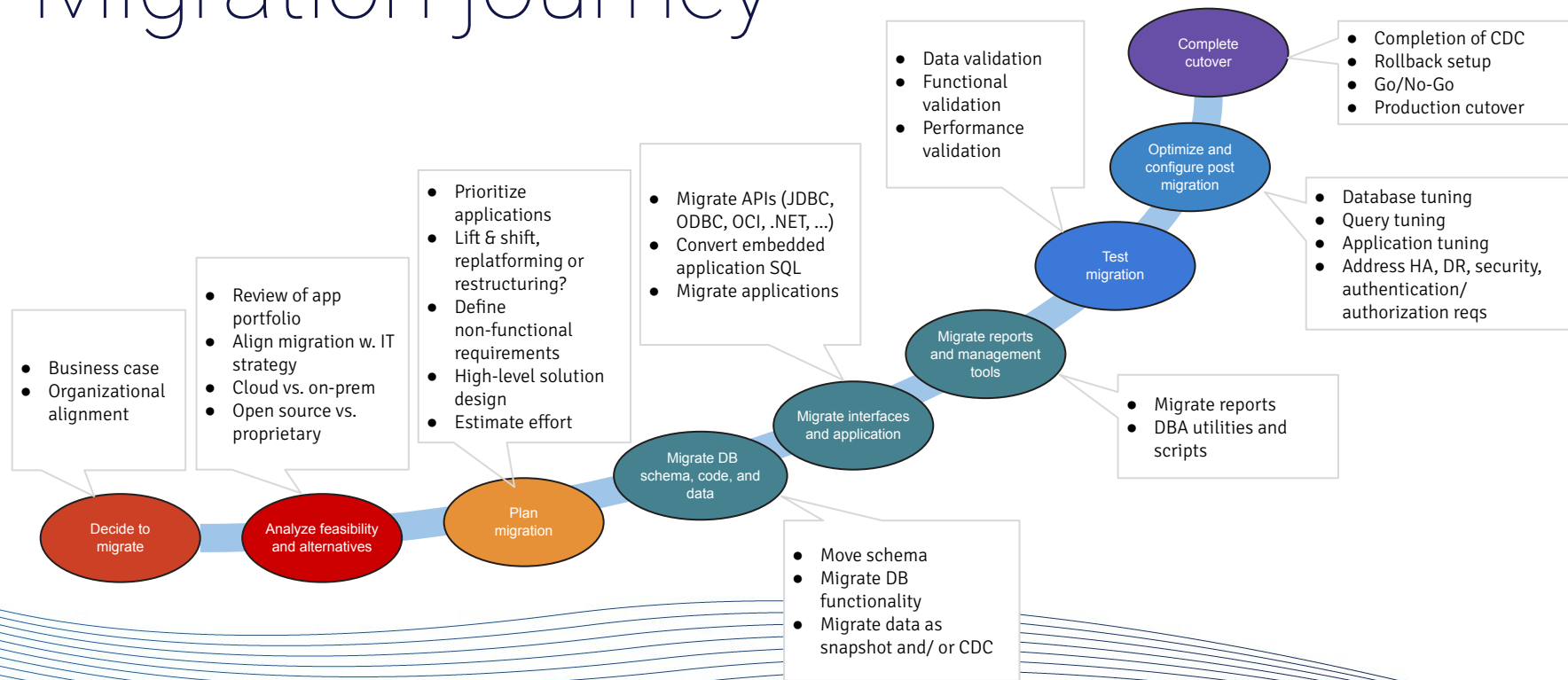
Data freedom

Interoperability

Cloud



Migration journey



Stronger
together

Business Generating Software



Sector7

EDB Professional Services



THANK YOU!