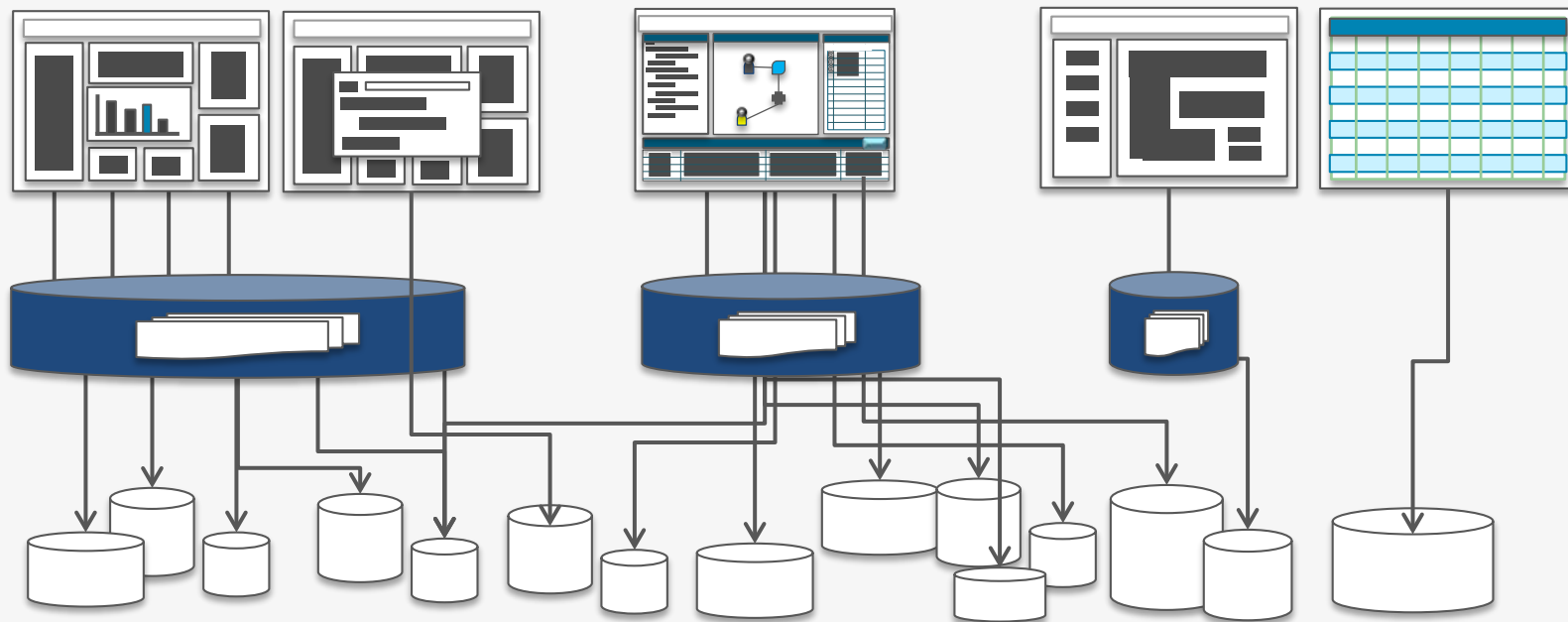ODPi

ODPi
EGERIA

ODPi and Data Governance
Free Your MetaData!
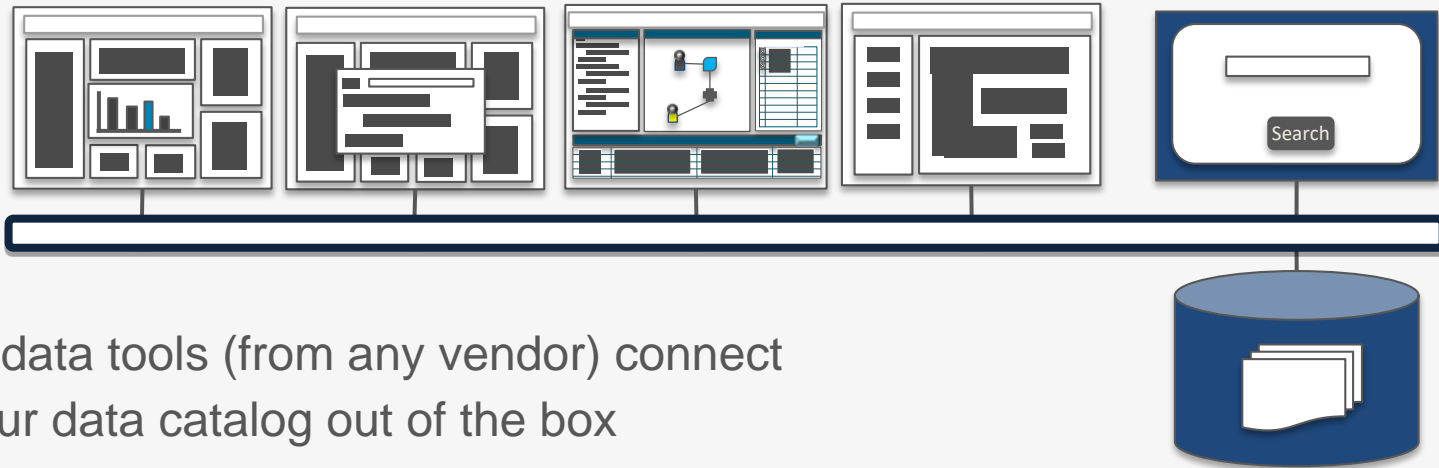
October 11, 2018

Today's reality

Imagine …

An enterprise data catalog that lists all of your data, where it is located, its origin (lineage), owner, structure, meaning, classification and quality

Spanning systems both on premises and within cloud providers

Hosted locally to your data platforms but integrated to provide the enterprise view

Imagine …

New data tools (from any vendor) connect
to your data catalog out of the box

No vendor lock-in; nor expensive population of "yet another" proprietary siloed metadata
repository

Imagine ...

Metadata is added automatically to the catalog as new data is created

Extensible discovery processes characterise and classify the data

Interested parties and processes are notified
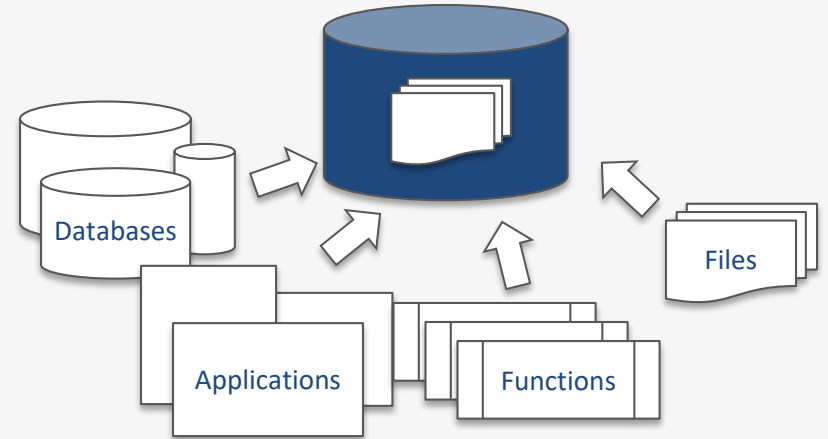
Imagine …

Subject matter experts collaborating around the data

Locating the data they need, quickly and efficiently

Feeding back their knowledge about the data and the uses they have made about it to help others and support economic evaluation of data
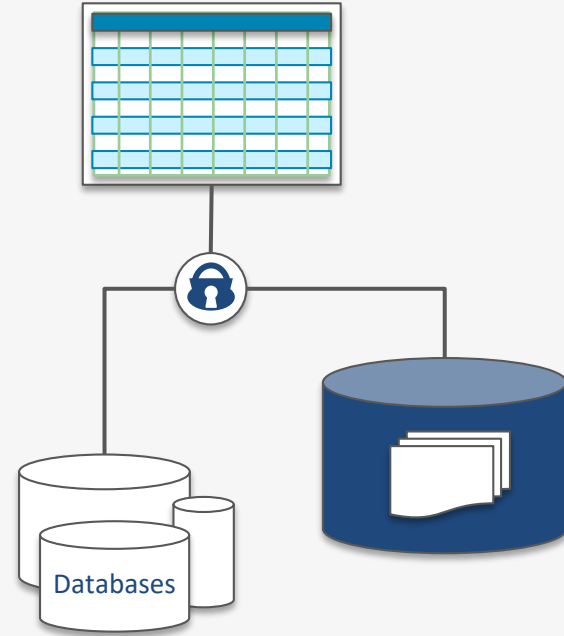
Imagine …

Automated governance processes protect and manage your data

Metadata-driven access control

Auditing, metering and monitoring

Quality control and exception management

Rights management

Databases

A new manifesto for metadata and governance!

Metadata management must be automated
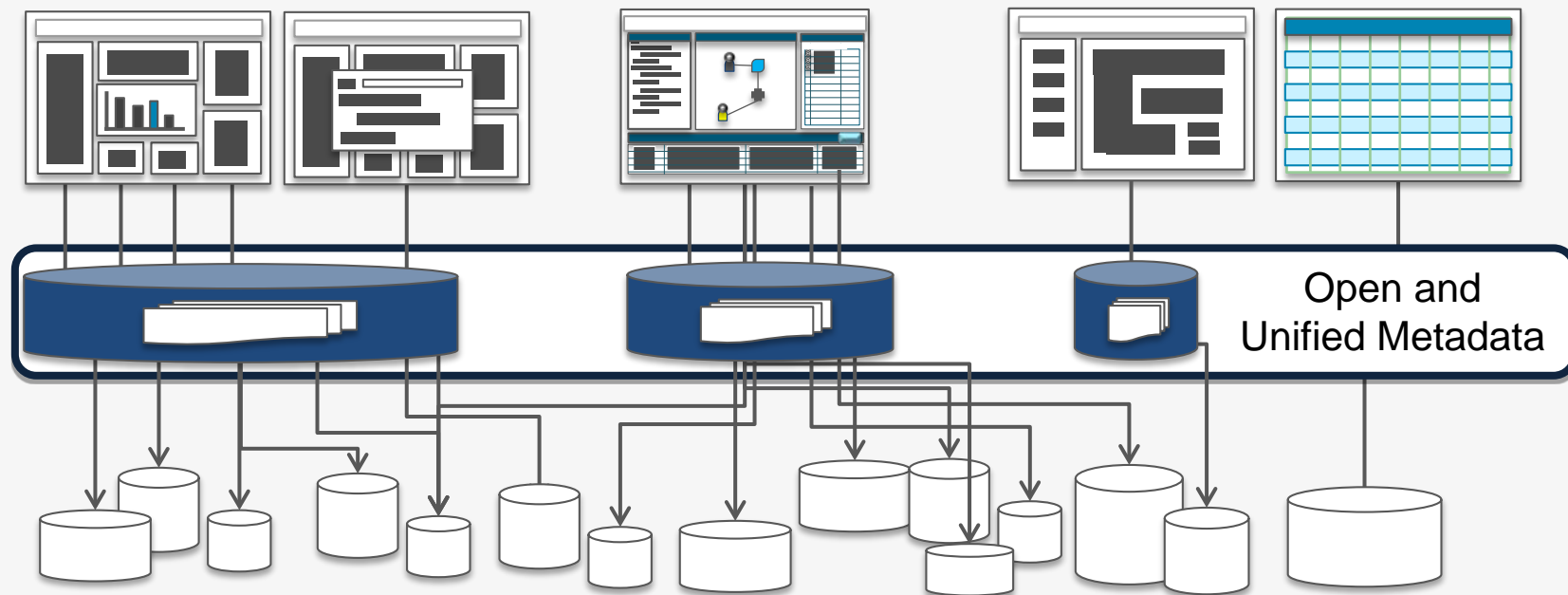
Metadata management must become ubiquitous

Metadata must become open and remotely accessible

Metadata should be used to drive the governance of data

The discovery, maintenance and use of metadata has to be an integral part of all tools that access, change and move information.

How will this be achieved?

Open and Unified Metadata
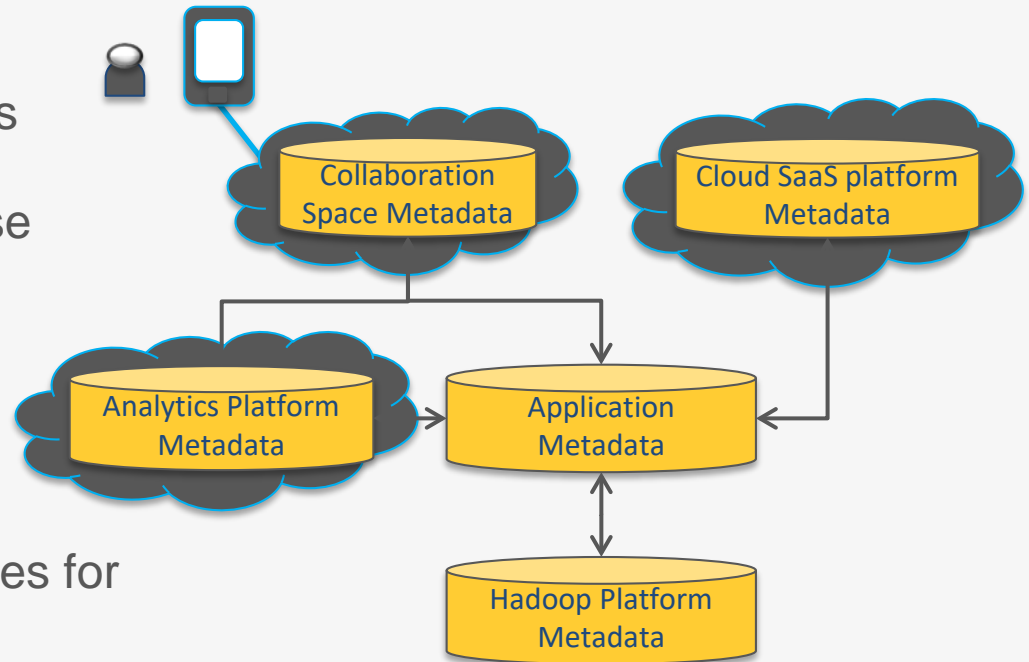
Open metadata management ecosystem

Peer-to-peer network of repositories

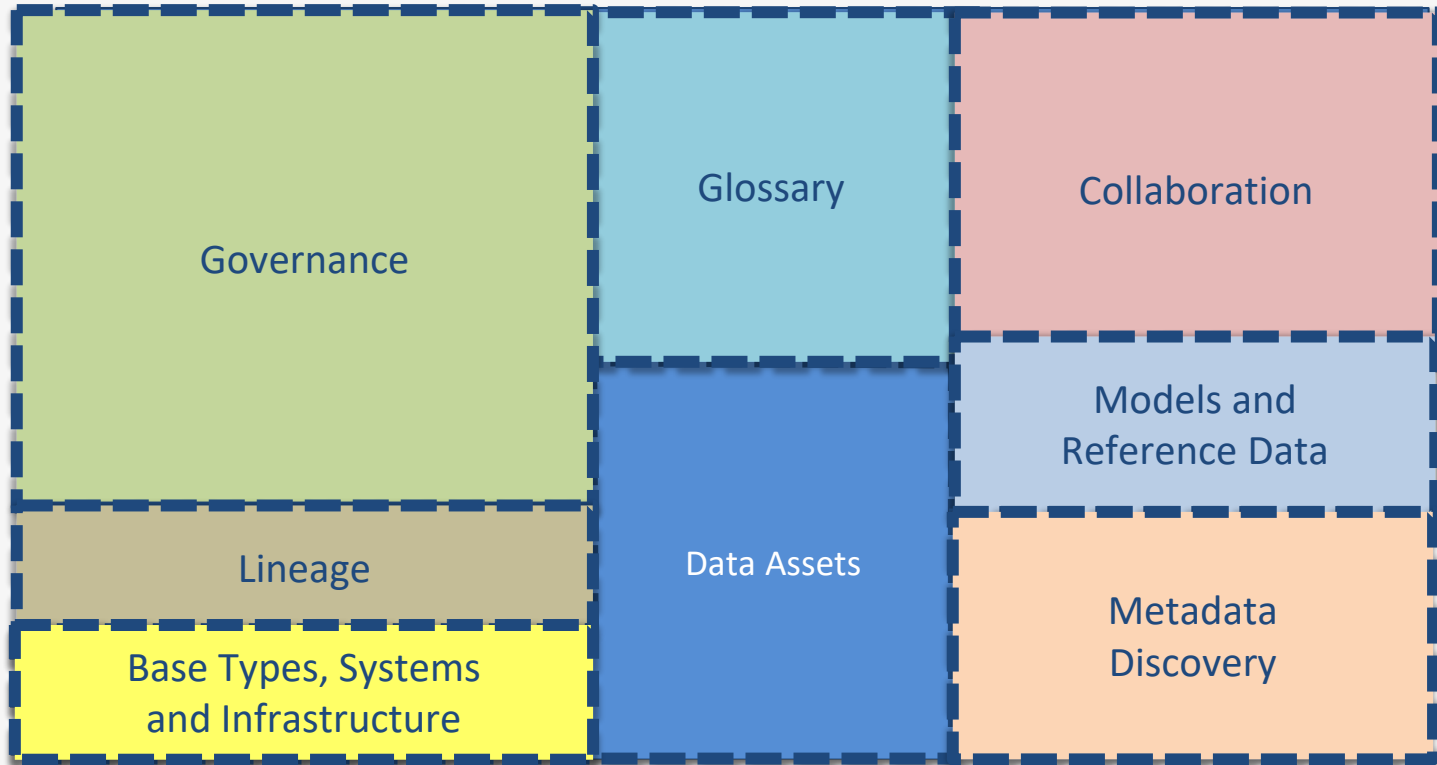Metadata stored and managed close to its source

Each repository/tool brings unique value.

Open, extensible metadata structures for metadata exchange and federation

Open source infrastructure sharing cost of development and maintenance

Collaboration Space Metadata

Cloud SaaS platform Metadata

Analytics Platform Metadata

Application Metadata

Hadoop Platform Metadata

Open metadata data model

Open metadata and governance integration patterns
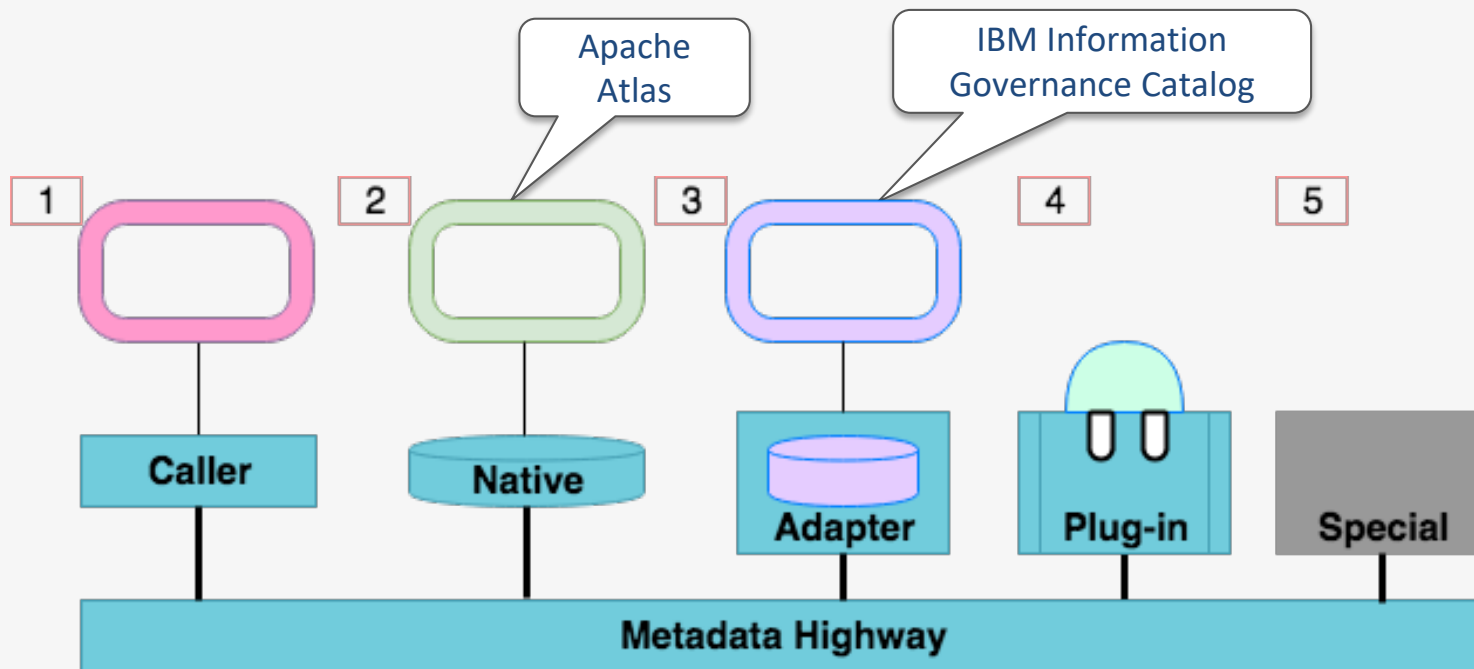
Open Source Collaboration through ODPi

ODPi is the vendor neutral home for Egeria.

Governance is open to all in the data governance community

Vendors

End-users

Privacy/governance experts

Code is available under an Apache 2.0 license and documentation under a CC-BY-4.0 license

Join the effort at https://github.com/odpi/egeria

How this helps

Data Governance Professionals

Your governance program if based on established definitions

Allow a broader range of tools in your organization

Automated governance processes protect and manage your data

- Metadata-driven access control
- Auditing, metering and monitoring
- Quality control and exception management
- Rights management

Vendors

Your metadata offerings will deliver value faster as they tap into metadata collected by other vendor's tools.
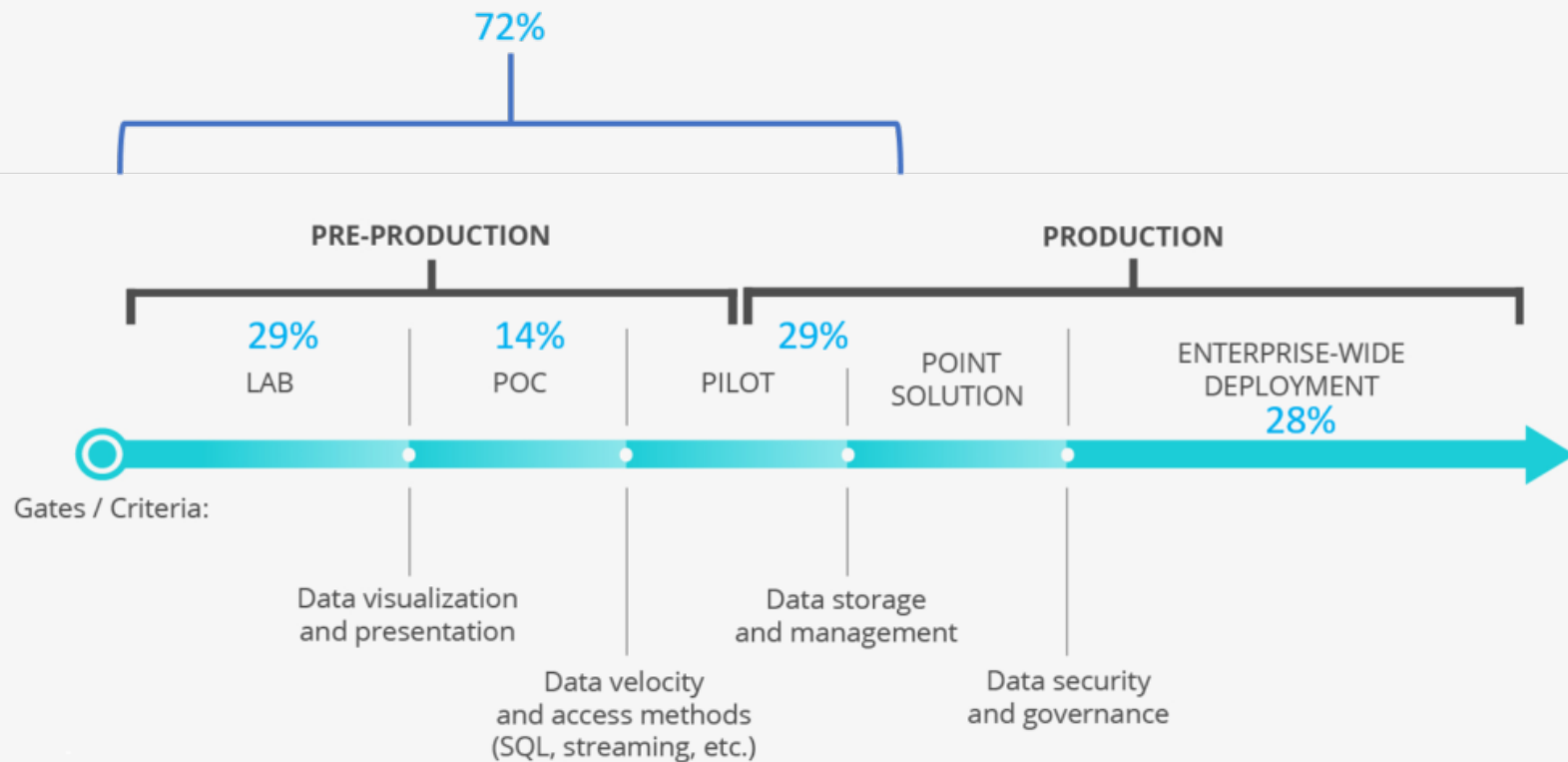
ODPi packages extend your metadata system's and tools' capabilities

Conformance tests minimize your effort in being compliant with key standards and regulations.

Customers have increased confidence in your tools and services due to ODPi certification.

ODPi – A neutral home for collaboration

Look to The Linux Foundation

Thankfully, that's where The Linux Foundation® comes in. For nearly two decades, The Linux Foundation has provided unparalleled support for open source communities through financial and intellectual resources, governance structure, IT infrastructure, services, events, and training.
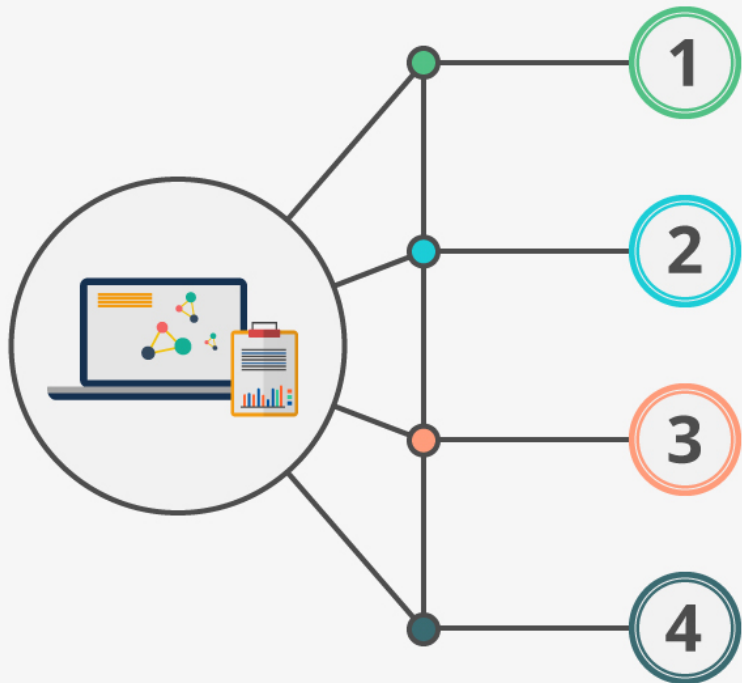
Dedicated to building sustainable ecosystems around open source projects, The Linux Foundation is working with the global technology community to solve the world's hardest problems through open source and creating the largest shared technology investment in history.

The Linux Foundation is the umbrella organization for more than 60 open source projects accelerating open technology development and commercial adoption. Some of the game-changing initiatives hosted by The Linux Foundation include:

Get involved!

1. Check out ODPi Data Governance on GitHub
https://github.com/odpi/data-governance

2. Learn more about Egeria
https://odpi.github.io/egeria/

3. Follow the discussion
https://lists.odpi.org/g/odpi-pmc-datagovernance

4. Have your organization support ODPi
https://lists.odpi.org/about/join

Questions?

THANK YOU!

@ODPiorg - www.odpi.org