OpenDJ:Life after OpenDS & Sun

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Community Manager for OpenDJ

LDAPCon 2009

LDAP Innovation in the OpenDS Project

Ludovic Poitou
OpenDS Community Manager
Sun Microsystems, Inc.

The music died

Agenda

- ForgeRock and OpenDJ

- The Vision

- OpenDJ today

- Roadmap

- Challenges

- ForgeRock AS - Feb 2010 - Norway

- Open Source Software Company

  - Specialized in Identity

  - OpenAM, OpenDJ, OpenIDM...

- First class citizen in the Open Source Community

- **Open** source **D**irectory services in **J**ava

- A Fork of OpenDS

  - Rebranded for trademark reasons
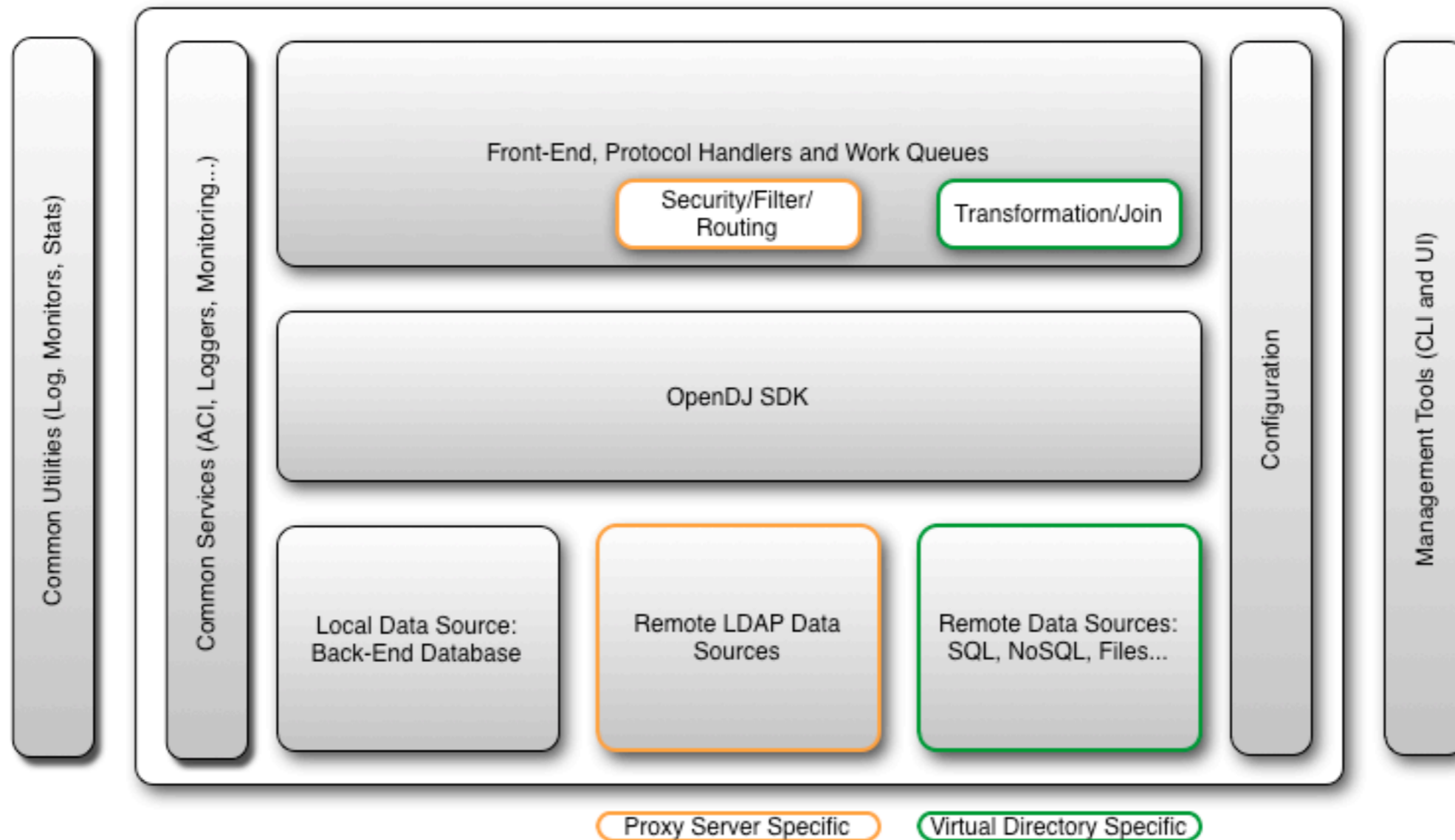
- Led by main people behind OpenDS

We Continue

- 100% Open Source

- Same goals:

  - A complete set of Directory Services:

    - Directory, Proxy, Virtual, SDK and Toolkit

  - Easy to Use

  - Extensible

  - High performance

100% Open Source

- CDDL 1.0

  - For code, tests,...

- CC BY-NC-ND 3.0

  - For documentation

- No Copyright Aggregation

The Vision

Front-End, Protocol Handlers and Work Queues

Security/Filter/Routing

Transformation/Join

OpenDJ SDK

Local Data Source: Back-End Database

Remote LDAP Data Sources

Remote Data Sources: SQL, NoSQL, Files...

Common Utilities (Log, Monitors, Stats)

Common Services (ACI, Loggers, Monitoring...)

Configuration

Management Tools (CLI and UI)

Proxy Server Specific

Virtual Directory Specific

ForgeRock

aRockGroupcompany

Where We Are

- ✓ OpenDJ LDAP Client SDK

- ✓ OpenDJ Directory Services

- ❑ OpenDJ Directory Proxy Services

- ❑ OpenDJ Virtual Directory Services

OpenDJ LDAP SDK

- API based on common work with Apache Directory

- Lightweight, Synchronous and Asynchronous APIs

- Available in our Maven Repository

  - http://maven.forgerock.org/repo/

OpenDJ Directory Services

- Complete LDAPv3 compliant server

  - http://opendj.forgerock.org/doc/admin-guide/OpenDJ-Admin-Guide/appendix-standards.html

- HA through Multi-Master Replication

- Extensive Security: ACI, SSL, Passwords, ...

- Monitoring and Logging

- CLI and GUI

- Installs in less than 3 minutes and 6 clicks

- ...

OpenDJ 2.4.4

- Release Oct 14th

  - 5th release in 10 months

- Bug fix release for stability and reliability
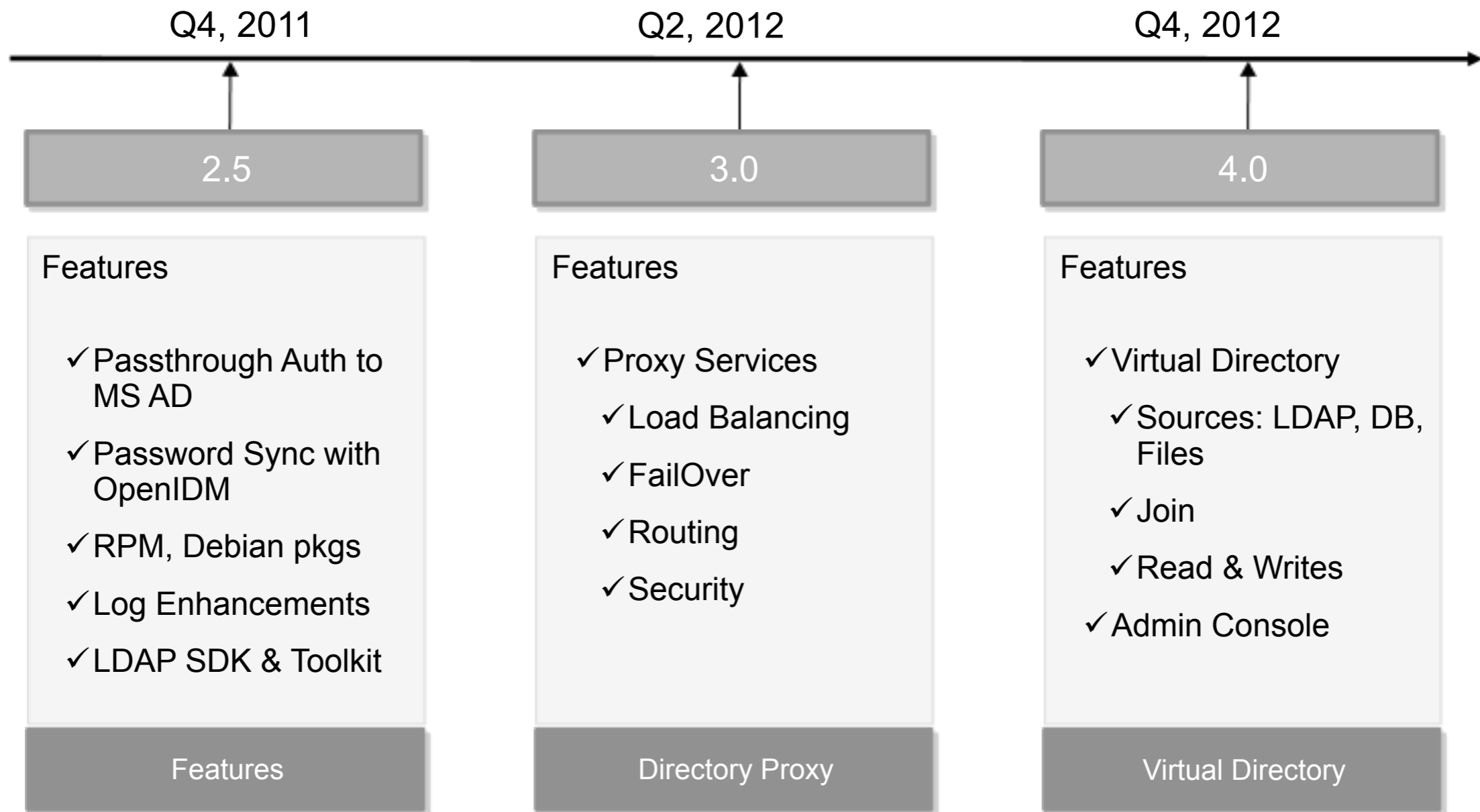
- Ready for use in Production

Ready For Production

- Deployed by a Bank in 2 weeks, 3 countries, 12 servers

- Deployed by Media company, 13 Millions users, 6 master servers, up to 200 000 concurrent sessions

- Deployed by Cable Service Provider, 2.2M users, 6 masters in 2 wan separated data-centers

OpenDJ 2.5

- Due by end of 2011

- New features, including:

  - Passthrough authentication to LDAP

  - Samba Password synchronization

  - Log filtering

- New packages : Debian and RPM

RoadMap

Q4, 2011   Q2, 2012   Q4, 2012

| 2.5 | 3.0 | 4.0 |

Features

✓ Passthrough Auth to MS AD

✓ Password Sync with OpenIDM

✓ RPM, Debian pkgs

✓ Log Enhancements

✓ LDAP SDK & Toolkit

Features

Features

✓ Proxy Services

  ✓ Load Balancing

  ✓ FailOver

  ✓ Routing

  ✓ Security

Directory Proxy

Features

✓ Virtual Directory

  ✓ Sources: LDAP, DB, Files

  ✓ Join

  ✓ Read & Writes

✓ Admin Console

Virtual Directory

Challenges

- Rebuilding the "Brand" awareness

- Growing the developers' community

- Rewriting the whole documentation

    - Administration Guide ✓

But

the market for something to believe in is infinite
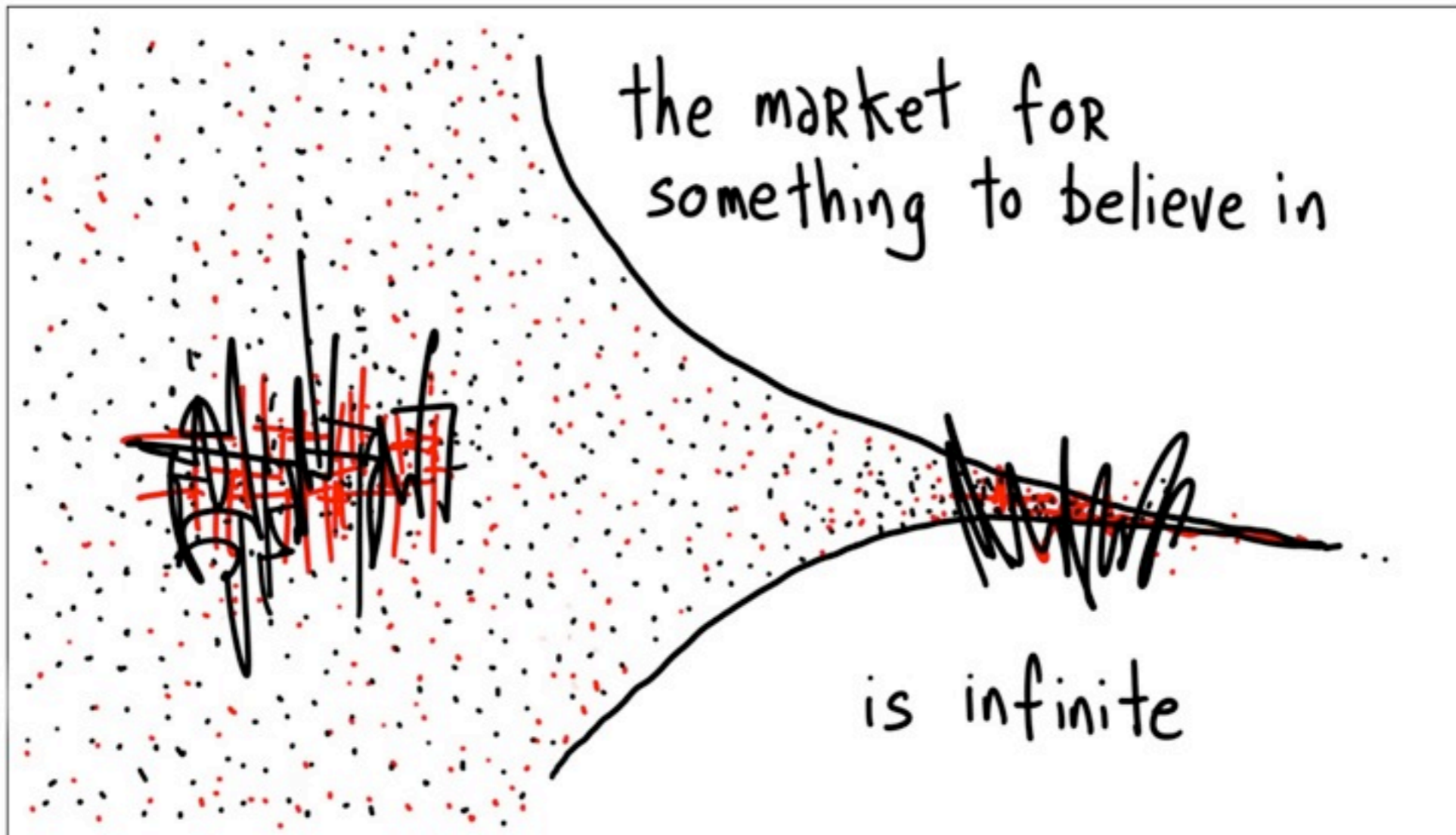
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Follow OpenDJ

- opendj.org or opendj.forgerock.org

  - Code repository, Docs, JIRA, mailing lists, downloads...

- #opendj on irc.freenode.net

- For support options: forgerock.com/opendj.html

Questions ?