

Is Open Source driving the Evolution of the Storage Industry?

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Introduction

Agenda

1

Brief history of Open Source

2

How did open Source help in speeding up the evolution of Storage industry

3

The future promises to watch out

Out of Scope

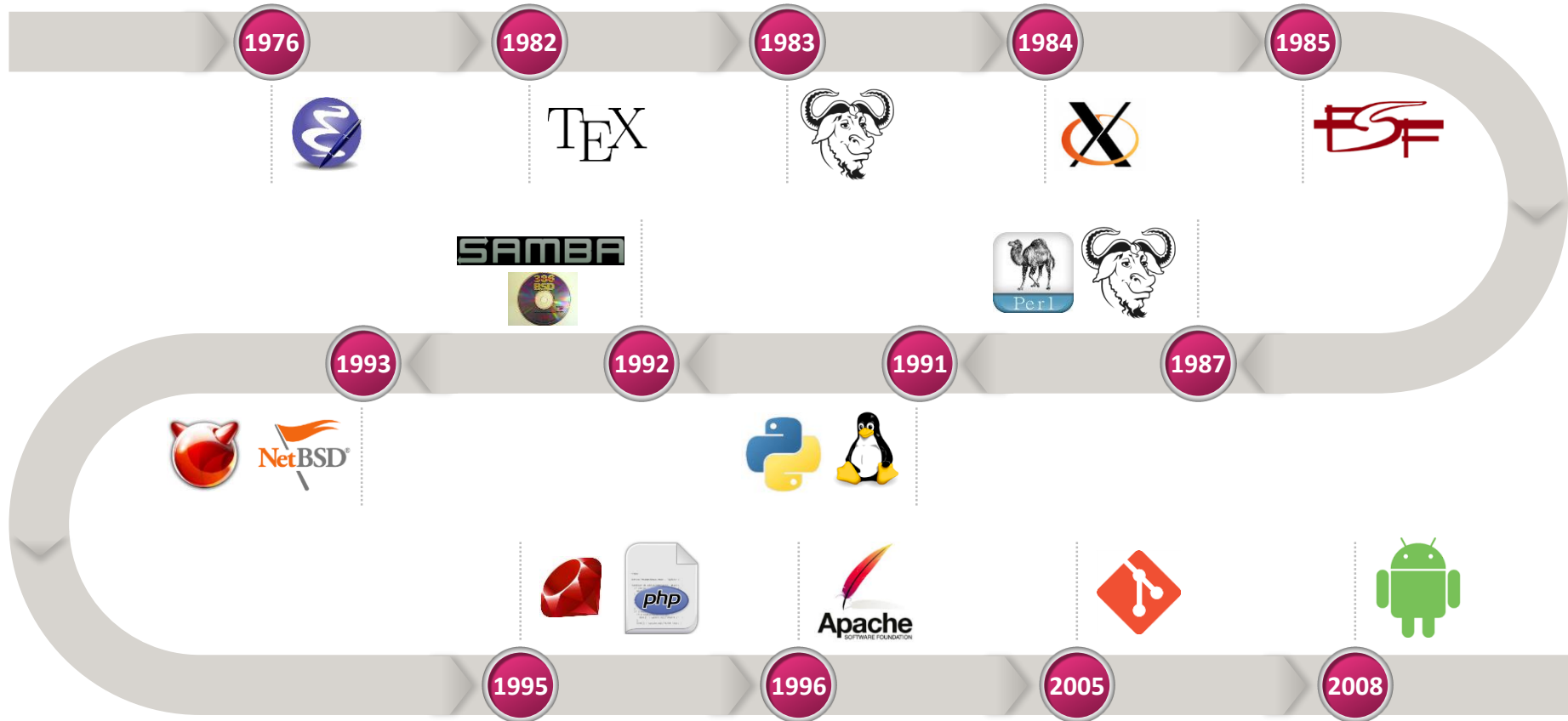
Open Source vs. Proprietary Comparison

Comprehensive List of Open Source Projects

Open Source Licenses

Open Source vs. Free Software Philosophy

Time line of Major Open Source Development



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Affordability



Transparency



Perpetuity



Interoperability



Flexibility

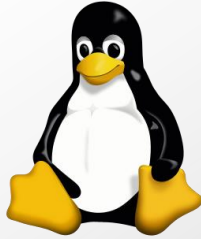


Security

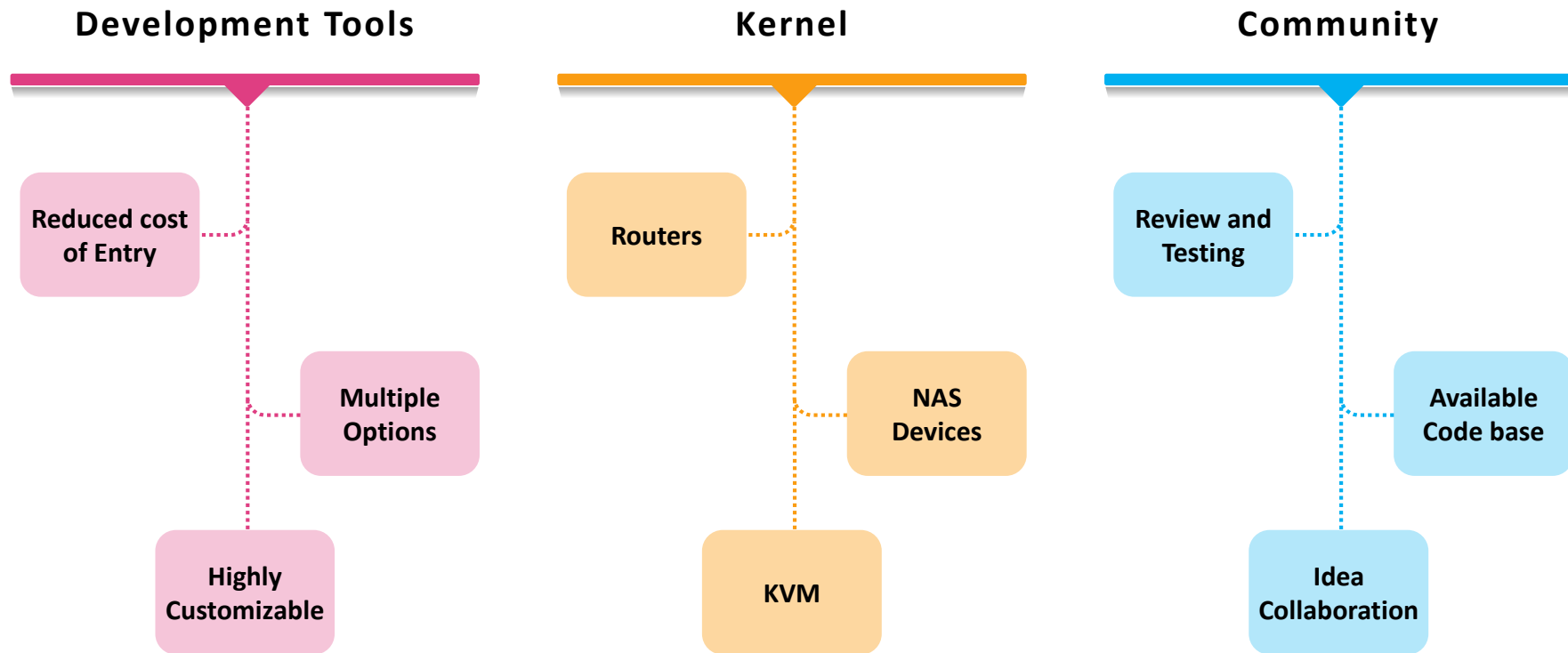


Localization

Development that influenced the Storage industry



Open source Enablers for Storage Devices



Open source contribution to the Storage development

File System

- ZFS
- HDFS
- Ceph
- Gluster
- Luster
- XtremeFS

Technologies

Cloud

- Open Stack

Compute

- Open Compute

Containers

- Docker

Virtualization

- Xen

Software

Network attached storage

- FreeNAS

Backup/Restore

- Clonezilla

Data mining

- KNIME

Enterprise Analytics

- Elasticsearch

Artificial Intelligence

- TensorFlow

Software Engineering

- Agile*
- DevOps*

Technologies that will define the Future Data Center

Cloud Open-Source Software

Open-Source Software Defined Storage

Software Defined Networking

Open Compute Project

Open Source is the way to go forward

Enormous investments in open source projects by leading storage companies

Established Proprietary product companies opening source codes to Open Source

Device Manufacturing companies are actively contributing to open Source

Companies are working out on new support based revenue model to benefit from open source

Thank You