Experience certainty



Is Open Source driving the Evolution of the Storage Industry?

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Introduction

Agenda

1 Brief his

Brief history of Open Source

2

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



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

How Open Source Movement Started



A Few Individuals who were frustrated by inability to modify proprietary software to suit their needs



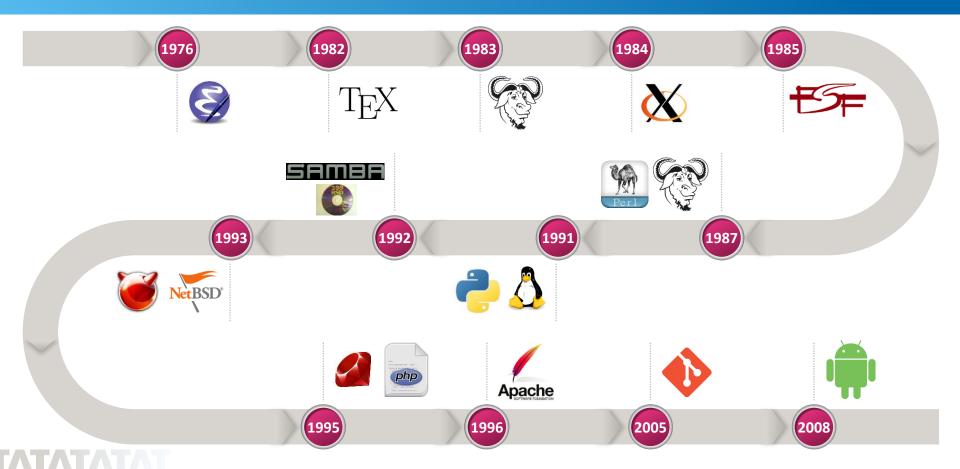
A Few College Graduates working on new Ideas and willing to collaborate for improvement



Industry thrust in reducing the Total Cost of ownership lead to adoption of the Open Source Software

This collaboration was made possible by with the emergence of Internet in the late 1980

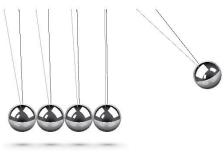
Time line of Major Open Source Development



What Benefits does open source brings in









Affordability

Transparency

Perpetuity

Interoperability







Flexibility

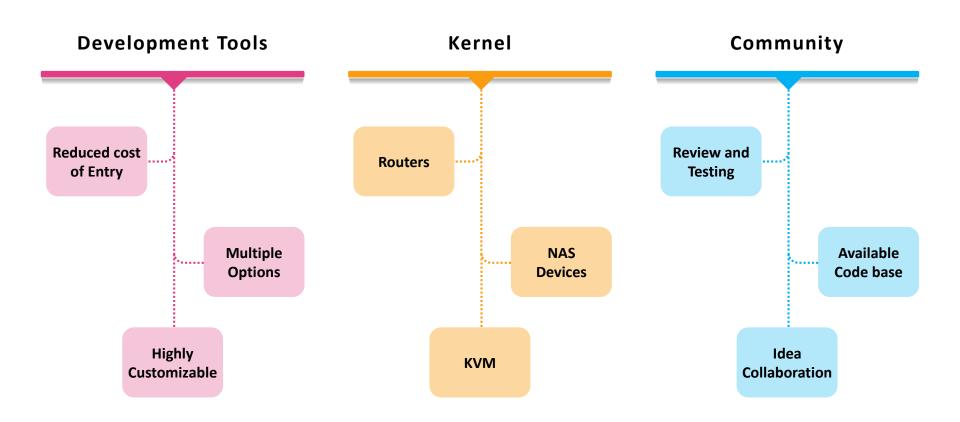
Security

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



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Thank You