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- HPE Helion

HPE Helion and Open Source

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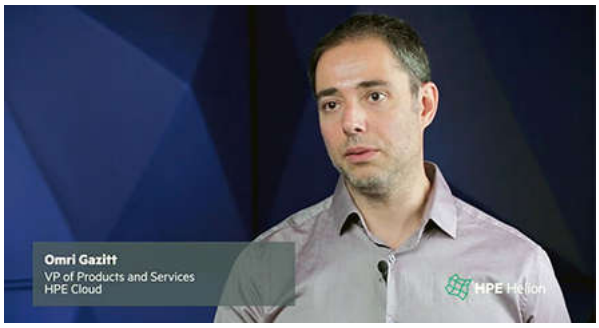
HPE Cloud

Open source—the enterprise way

Open source hybrid cloud solutions deliver the flexibility and innovation enterprises need to remain competitive and successful in their markets.

Dedication to open standards



Omri Gazitt, HPE Helion VP of Engineering, shares how diverse contributions in an open source project lead to better technology.

1:47

At HPE, we are committed to supporting and strengthening enterprise-quality open source projects and the communities that develop them. We foster healthy open source communities by working closely with all the contributors to OpenStack, Cloud Foundry, and other open source projects. We provide a level of enterprise rigor that increases the ease with which companies can adopt and use open source technologies, paving the way for a successful transformation to hybrid infrastructure based on the right mix of private cloud, public cloud, and traditional IT.

1:47

Supporting the OpenStack® community

As part of an ongoing commitment to open source, HPE participates in the development of each OpenStack release and is involved at all levels of governance, including the Board of Directors, which provides strategic and financial oversight for the OpenStack Foundation resources and staff.

OpenStack Mitaka

This newest release of the widely deployed open source cloud platform offers enterprises and service providers increased scalability, greater manageability, and an enhanced end-user experience.

OpenStack Mitaka was developed by an international community of contributors that includes 2,336 developers, operators, and users across 345 organizations.

Learn more about OpenStack Mitaka

The OpenStack project

OpenStack is a popular open source software platform for cloud computing, collaboratively designed and built by developers and users around the world.

Learn more about OpenStack

A commitment to Cloud Foundry™

Cloud Foundry is a leading open source platform for developing and deploying multi-cloud applications. This platform provides increased flexibility, empowers companies to accelerate their development, and offers enhanced scalability and full-lifecycle support for continuous delivery. As a Platinum Member, HPE collaborates with other members across a diverse community to drive global awareness and adoption, develop new enhancements and capabilities, and provide leadership for the future.

Learn more about Cloud Foundry

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Learn more about Cloud Foundry

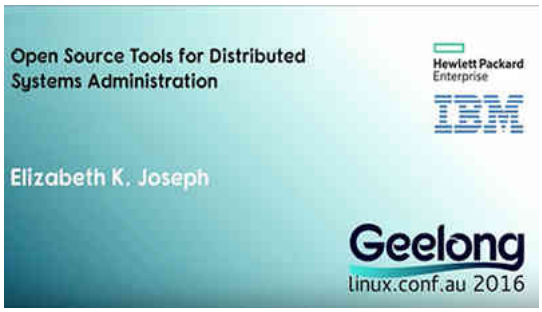
The voices of open source

Open source technology is continuously growing and evolving to produce new features, solutions, and innovations. We've invited some of the leading thinkers in open source communities to share their insights, best practices, and future thinking.

Crash Course in Tech Management
Presented by VM Brasseur

This session recording from OSCON EU 2015 provides an introduction to the resources and skills you need to become a successful tech manager.

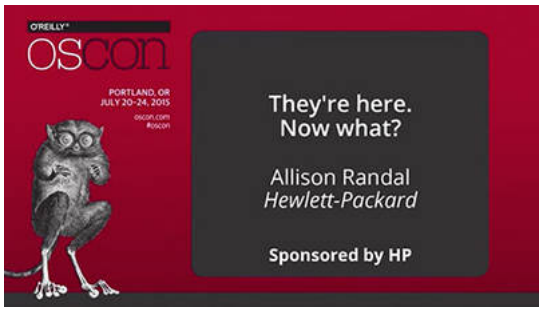
Watch the video



Open Source Tools for Distributed Systems Administration
Presented by Elizabeth Krumbach Joseph

This session recording from LCA 2016 examines the fully open source toolset the OpenStack Infrastructure Team uses for daily collaboration, to handle maintenance windows, and to function as a cohesive team.

Watch the video



They’re Here. What Now?
Presented by Allison Randal

This keynote speech recording from OSCON 2015 explores the wild success of the first goal of the open source movement and how we can live up to the potential of the next phase of open source.

Watch the video

Hardware and Software Architecture of the Machine
Presented by Keith Packard

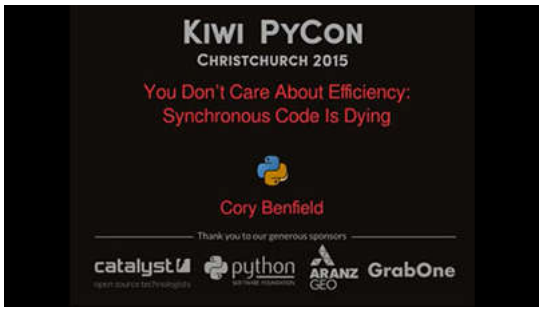
This session recording from LCA 2016 introduces you to “The Machine,” a large-scale development effort that radically departs from traditional computer architectures.

Watch the video

Tales From the Gate: How Debugging the Gate Helps Your Enterprise
Presented by Matthew Treinish

This session recording from OpenStack Summit Vancouver 2015 discusses the mechanics of debugging gate failures and draws comparisons to the similarities between debugging gate failures and production OpenStack issues.

Watch the video



You Don't Care About Efficiency: Synchronous Code Is Dying
Presented by Cory Benfield

This session recording from Kiwi PyCon 2015 explores the problem with synchronous software, your options for moving away from it, and the challenges the Python ecosystem faces in striving toward asynchronicity.

Watch the video

An Open Approach to Whole–House Audio
Presented by Bdale Garbee

This session recording from LCA 2016 introduces a whole–house audio solution, including the design of the system, the accompanying hardware module, and remaining challenges with adapting the software.

Watch the video

The Big Tent: A Look at the New OpenStack Projects Governance
Presented by Sean Dague

This session recording from OpenStack Summit Vancouver 2015 delves into changes to the governance of OpenStack projects, including the nature of the proposed changes, the implementation status, and the impact the changes will have on the development, testing, and releasing of OpenStack.

Watch the video

hOpenPGP: An Implementation of RFC 4880 in Haskell
Presented by Clint Adams

This session recording from DebConf 2014 provides an overview of hOpenPGP and openpgp-asciiarmor, an OpenPGP implementation in Haskell; hopenpgp-tools, tools based on the hOpenPGP library; and their relevance to Debian.

Watch the video

An open source ecosystem

The global open source movement is a thriving ecosystem of free software and technology with participation from talented independent developers, innovative startups, and established Fortune 100 enterprises. Characterized by their active member engagement and an unwavering commitment to the principles of open standards, these open source projects are valuable contributors to the open source ecosystem.

Learn more about CloudSlang

CloudSlang

CloudSlang is an open source, flow-based, agentless orchestration tool designed by Hewlett Packard Enterprise for use with leading technologies like Docker or CoreOS. With CloudSlang, you can automate development and operations using pre-defined workflows or your own custom workflows.

Learn more about CloudSlang

Learn more about Debian

Debian®

Debian is a free operating system collaboratively developed through the Debian Project. Built using an open source Linux or FreeBSD kernel at its core, the Debian OS comes with more than 43,000 packages of pre-compiled software, a package manager, and other valuable utilities.

Learn more about Debian

Learn more about Grommet

Grommet

Grommet is an advanced open source UX framework provided by Hewlett Packard Enterprise. By blending consumer-grade capabilities with an enterprise user experience framework, Grommet helps IT pros offer a familiar user experience across different enterprise applications and allows designers and developers to work from the same platform.

Learn more about Grommet

Learn more about KVM

KVM

Kernel-based Virtual Machine (KVM) is an open source virtualization solution that supports multiple virtual machines running unmodified Windows or Linux images. KVM consists of a loadable kernel module providing the core virtualization infrastructure and a processor-specific module.

Learn more about KVM

Learn more about Linux

Linux

Linux is a free, open source operating system that manages the communication between your computer hardware and software. This popular, reliable computer ecosystem is built off the Linux operating system kernel.

Learn more about Linux

Learn more about MongoDB

MongoDB®

MongoDB is a cross-platform, document-oriented database that offers an alternative to traditional relational databases. This open source database management system is designed to meet the requirements of modern applications by offering enhanced flexibility, scale, and performance.

Learn more about MongoDB

Learn more about OCP

Open Compute Project (OCP)

The Open Compute Project (OCP) is a global community of technology leaders committed to rethinking current hardware technology to produce open source infrastructure solutions that offer increased efficiency, scalability, flexibility, and choice.

Learn more about OCP

Learn more about PHP

PHP

PHP is a fast, flexible, and pragmatic server-side scripting language used for both web development and as a general programming language. Its distribution includes various free, open source libraries, and developers can add further functionality by writing their own C-based extensions.

Learn more about PHP

Learn more about Python

Python

Python is a popular dynamic programming language with a focus on code readability, extensibility, and a streamlined, minimalistic syntax. Python supports multiple programming paradigms, is available for free under an open source license, and is developed under a global, community-based model.

Learn more about Python

See open source in action

Explore the possibilities of an open source hybrid cloud with HPE Helion Stackato.

View now

Grounded in the Cloud Blog

World Hosting Day 2017 — Why you should go, and what to expect

TerenceNgai
March 17, 2017

Service Providers: How to win with HPE

TerenceNgai
March 15, 2017

Industry Interview Series: Martin Brown, Chief Security Services Strategist, vArmour

SimonLeech
March 14, 2017
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@HPE_Cloud

HPE bietet Ihnen ein besser skalierbares Geschäftsmodell — besuchen Sie die HPE Speed-Session auf der #WHDglobal #HPEserviceproviders

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Beginning of dialog content

Open source drives better technology in PaaS | #BuiltByYou

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