

Suppliers Innovation Meets Open Source

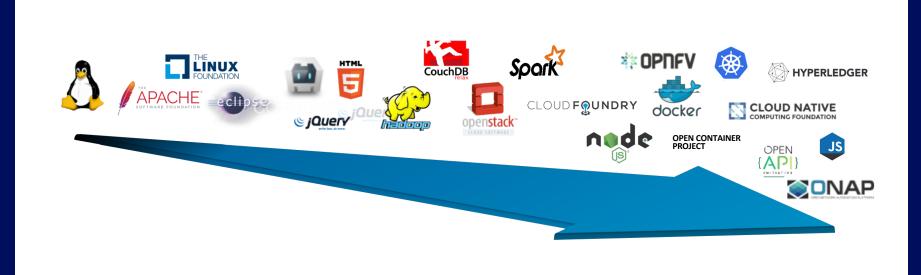
Marisa S. Viveros Vice President Strategy and Solutions Telecommunications, Media and Entertainment Industry

Open Source: eating Software



Source: Black Duck 2016 Future of Open Source Survey

IBM's Long History with Open Source Software



IBM's Approach to Open Technology

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Contents

Introduction

The case for open governance For the good of the ecosystem Not all open source is created equal IBM's journey begins with Apache Eclipse Linux OpenStack Cloud Foundry Node.js

IBM's approach to open technology

Find out how we're investing in the communities and projects that matter most to the enterprise

Todd Moore and Chris Ferris

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For several years, IBM has been recognized as a leader in open technology, from its early work with Apache to its current work across all layers of the cloud stack and application development. The case for open is clear: Projects that are managed under open governance have been found to be more successful, have a longer life, and are less risky than proprietary projects. Find out more about how IBM has played—and continues to play—an integral role in the storied evolution of open source.

IBM has a long history of working in open technology. In fact, in many ways, IBM is largely responsible for the open source movement's success. IBM's strong support for Linux—with patent pledges and significant technical resources and investment in the face of some of the legal uncertainty surrounding its

Earning our stripes



IBM is Open by Design[™]

Open Source Only



'Significant Assembly Required'

Proprietary



Vendor Lock-in Assured

Partner

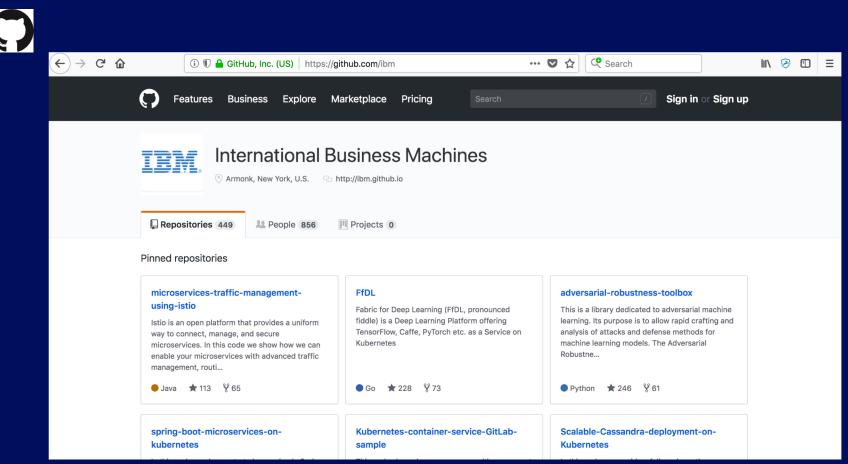


Enterprise Innovation

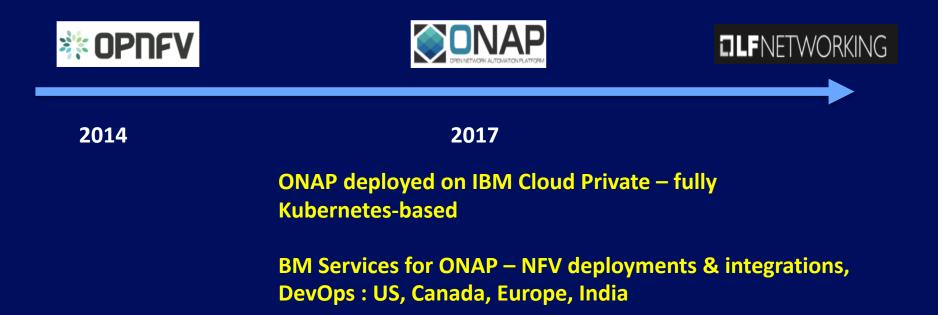
There is a better way – Open Governance



IBM in GitHub



Applying Strategy to Open Networking



Ranked 5th in contributions to ONAP

Turning Market Challenges into Market Opportunities Digital Engagement

Deliver **personalized customer experience** with deep insight across all channels Enterprise agility

Enable core **business agility** through Cloud & Al process optimization

Omni Channel Customer Centric Intelligent & Efficient Infrastructure **Platform services**

Rapid service innovation through **platforms and virtualized networks**

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Customer Centric

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Connections are limitless, the network is not A "living" network thinks ahead and continually transforms

<u>Link</u>

83% of world's largest CSPs are IBM clients

- 25K IBMers serving Telecom and Media clients
- 60 IBM cloud data centers in 19 countries

12K Clients in 133 countries served by IBM Security; monitoring >35B events day

- \$3B Invested by IBM on IoT open platform and tools
- 25 Consecutive years of US patent leadership, holding >9K patents
- 20 Client centers globally, including Al and automation centers
- 1.3B Watson API calls made every month by >50 Watson APIs with more added every year



Victorious or vanquished? Digital Reinvention in telecommunications

From concept to reality

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Link Reimagining telecommunications with blockchains 11

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Thank you

