

Building Your Architect Skillset

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2

+20

12

18

4

About SAP



335,000

Customers in 190
countries

82,400

Employees in 130+
countries

€20.8b

Annual revenue (IFRS) in
FY2015

87%

Of Forbes Global 2000 are
SAP customers

44 yrs.

Of history and innovation

100+

Innovation and
development centers

12,100

SAP partner companies
globally

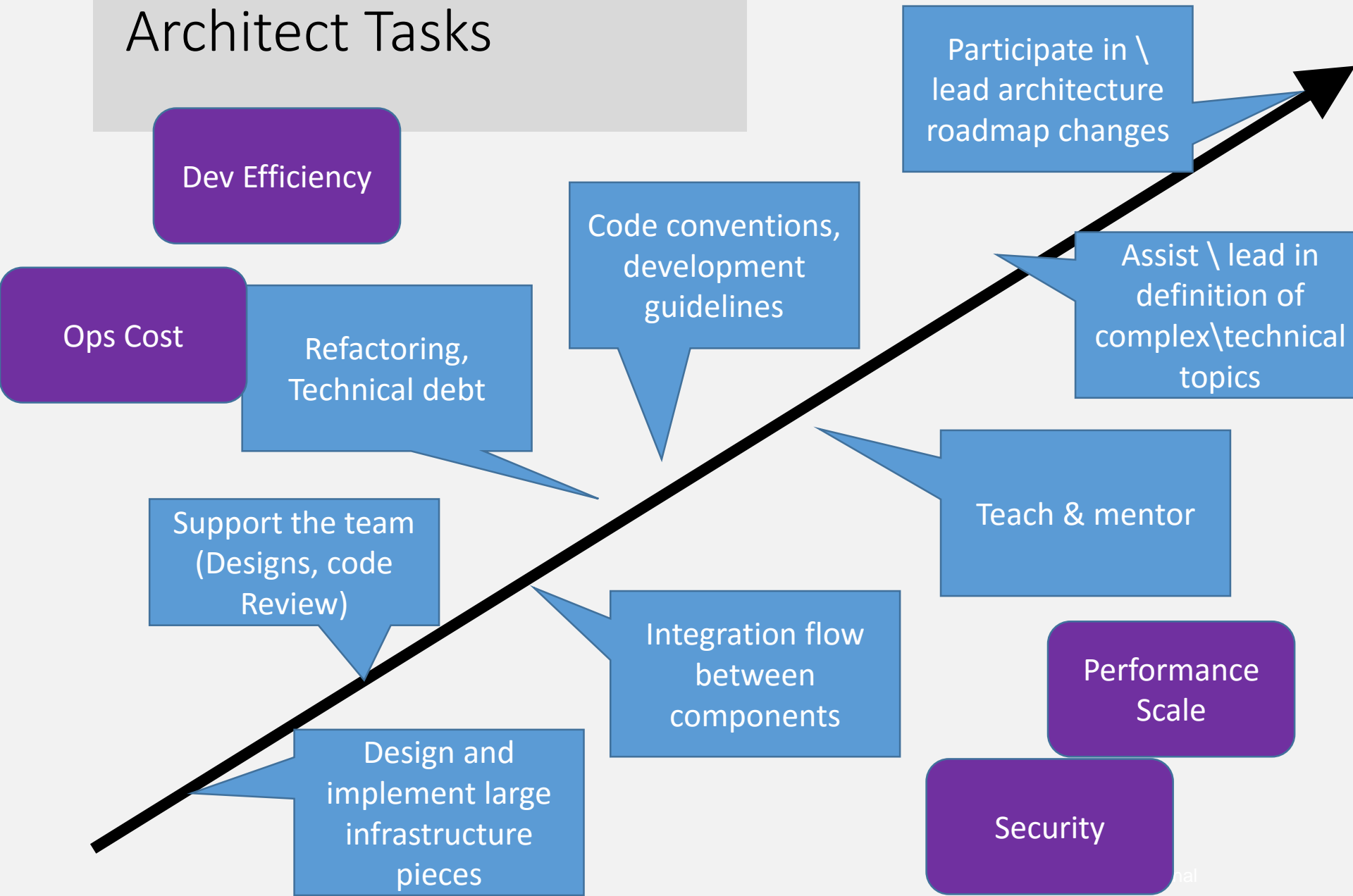
110 mil.

Subscribers in our cloud
user base

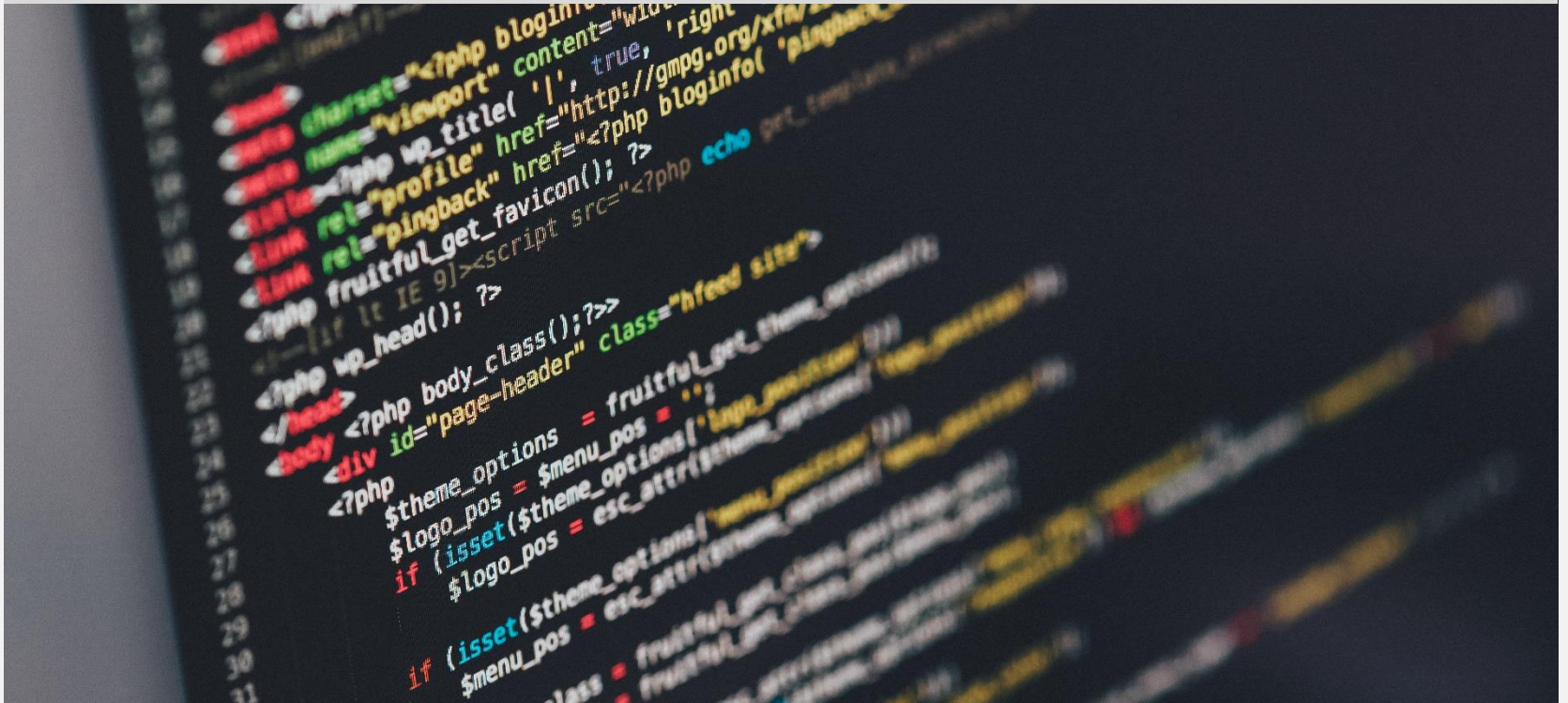
The top 10 companies in the 2015 Forbes list for the "Software & Programming" industry are listed in the following table.

Rank ↕	Organization ↕	Sales ↕	FY ↕	Market cap ↕	Headquarters ↕
1	 Microsoft	\$97.58	2015	\$340.8	Redmond, WA, US
2	 Oracle	\$38.8	2015	\$187.6	Redwood City, CA, US
3	 SAP	\$23.3	2015	\$90.2	Walldorf, Germany
4	 VMware	\$6	2015	\$35.7	Palo Alto, CA, US
5	 Symantec	\$6.6	2015	\$16.3	Mountain View, CA, US
6	 HCL Technologies	\$5.2	2015		
7	 Fiserv				

Architect Tasks



Software Developer and Technologist



Passion & Love for technology and code

A Systems Person



Software Systems Architecture by Nick Rozanski & Eoin Woods

<http://www.viewpoints-and-perspectives.info/>

A Systems Person

Stakeholders

- End user
- Customer admin
- Operations
- Developer
- Tester
- Support

Viewpoints

- **Functional**
- Information
- Concurrency
- **Development**
- Deployment (RT)
- Operational

Perspectives

- **Performance & Scale**
- **Security**
- Usability
- Availability
- Regulation
- Dev. Resources
- Evolution
- Internationalization
- ...

Stakeholders | Viewpoints | Perspectives

<http://www.viewpoints-and-perspectives.info/>

Organizer

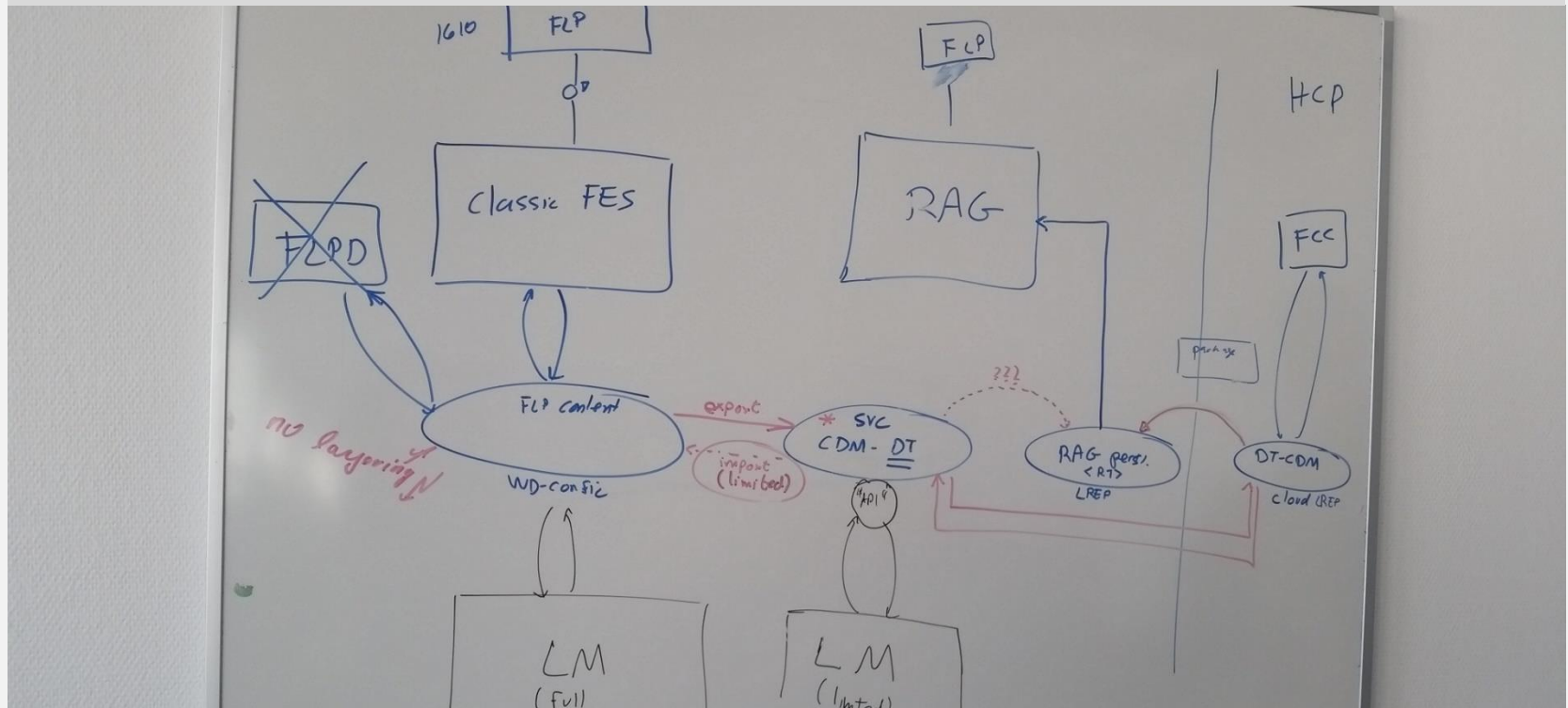


package /module dependency tree
APIs, interfaces
coding conventions
development guidelines

Communicator

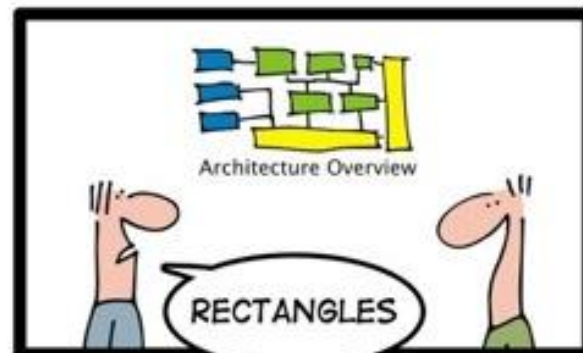
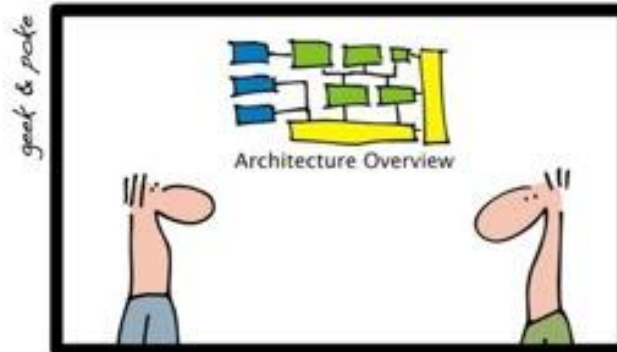
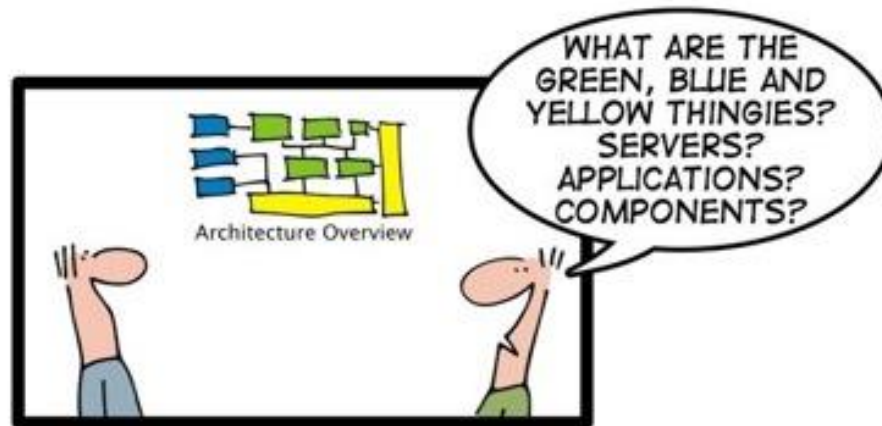


Communicator



Technical Visual Modeling (at your desk | during meetings) (UML | [Block diagrams](#))

ENTERPRISE ARCHITECTURE MADE EASY



PART 1: DON'T MESS WITH THE
GORY DETAILS

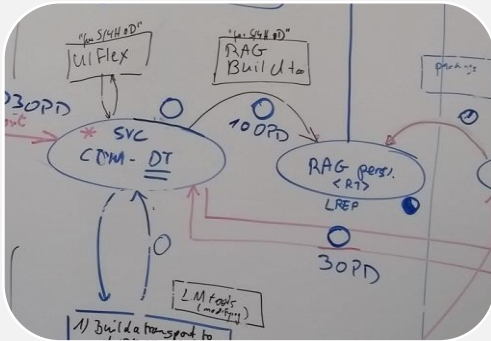
Simplifier



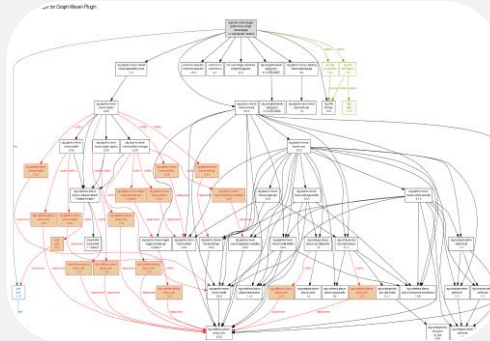
Career Advice

*“What do you mean he got promoted
to an architect?
Isn’t he already an architect?”*

Take Away



Start Drawing!

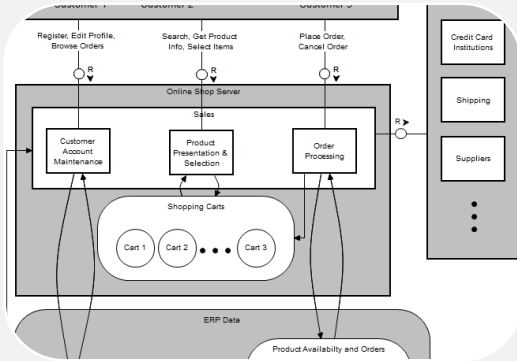


Organize something
(dependencies, APIs)

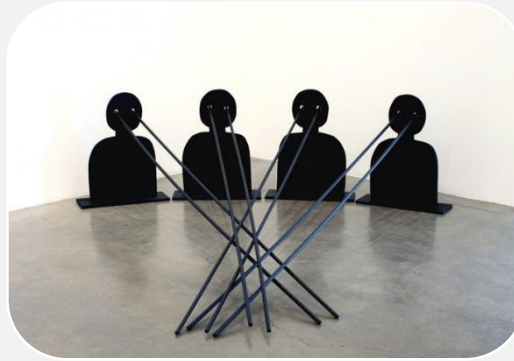


System perspectives –
performance and security

Thank you!



Lectures



Workshops



Mentoring

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