

The Importance of Standards for Cloud Architecture The Open Group China

November 19, 2010

THE *Open* GROUP

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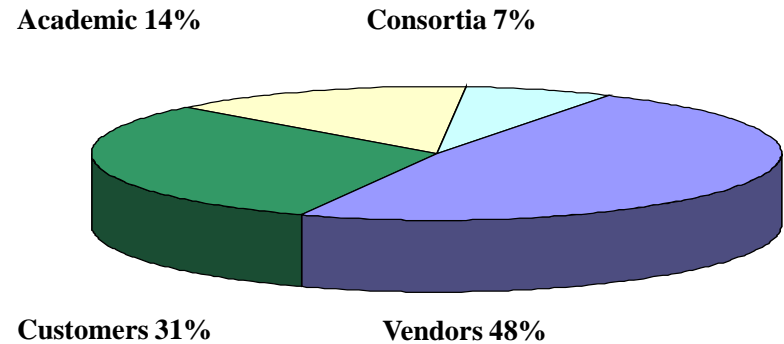
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Making standards work®

Agenda

- ❑ What is architecture
- ❑ What are architecture standards
- ❑ Why are standards for architecture important
- ❑ Why are standards for Cloud Architecture important
- ❑ Cloud Architecture standards in The Open Group
- ❑ The Open Group and ISO
- ❑ The Open Group in China

The Open Group

- ❑ Vendor-neutral and technology-neutral consortium
- ❑ Vision of Boundaryless Information Flow™
 - Access to integrated information
 - Within and among enterprises
 - Based on open standards and global interoperability
- ❑ *Making standards work*®



- >350 Member organizations
- >8,000 participants
- > 80 countries
- <50 staff
- Vendor/technology neutral
- Non-profit operation
- >25 years experience

What is Architecture

❑ What is Architecture ?

- A formal description of a system, or a detailed plan of the system at component level to guide its implementation.
- The structure of components, their interrelationships, and the principles and guidelines governing their design and evolution over time.

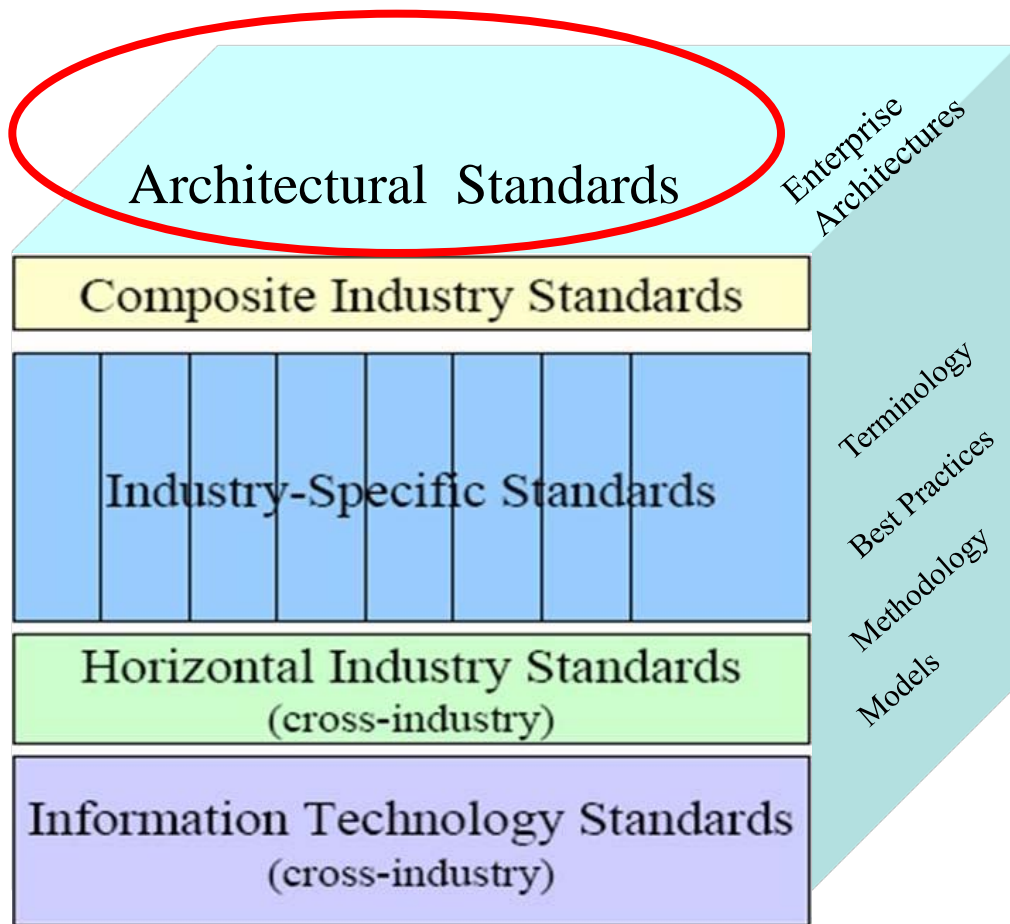
❑ Why is it important ?

- Ensures a common understanding of what you have now or will build in the future
- Helps you compose complex solutions from simpler building blocks

❑ Why is it important for Cloud ?

- Applications using or providing Cloud services often cross ownership boundaries, making common understanding of obligation and expectation critical.

What are Architectural Standards?



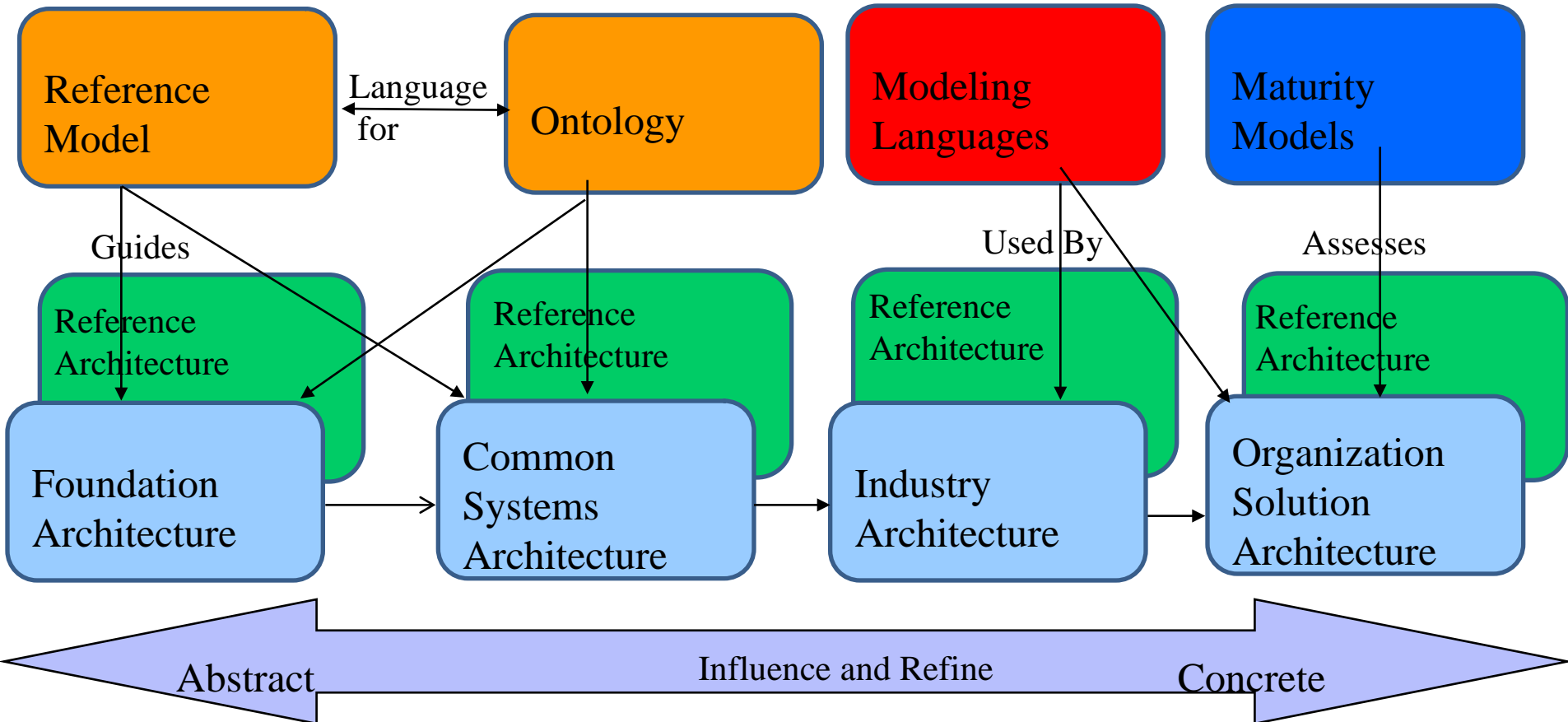
Architectural standards:

- Address customer architecture and deployment considerations
- Directed toward IT architects
- Oriented toward consistency rather than interoperability

Infrastructure Standards:

- Normative
- Product driven
- Conformance
- Interoperability focused

What are types of architectural standards





Why are standards important for architecture

- ❑ Common foundation of understanding
 - Common structure for approaching Cloud
 - Minimize mapping terminology
- ❑ Best practices from multiple vendors
- ❑ Reduces risk
 - Knowledge more mature/validated
 - More options
- ❑ Enables automation of processes
- ❑ Vendor-neutral

Why is it more important for Cloud Computing?

- ❑ Applications using or providing Cloud services:
 - Often cross ownership boundaries
 - Usually work with multiple vendor products and services
 - Require a common understanding of obligation and expectation

- ❑ Cloud computing is ‘new’ and conflicting definitions, architectures, and approaches exist
 - Easy to mean different things with the same term
 - Misunderstandings increase risk of project failure

- ❑ Architecture standards for Cloud computing will help speed application development and reduce risk

The Cloud Work Group

- ❑ Formed in Oct 2009
 - ❑ Develops and fosters common understanding of Cloud
 - ❑ By conducting producing definitions, analyses, recommendations, reference models, and standards
 - ❑ Cloud is service oriented
 - ❑ Extending and using existing SOA Standards for Cloud Computing
- Forum Director
 - Dr Chris Harding, The Open Group
 - David Lounesbury
 - Steering Committee ,
 - TJ Viridi, Boeing cochair
 - Robert Orshaw, IBM cochair
 - Heather Kreger, Laision

www.opengroup.org/cloudcomputing

Projects developing Standards in Progress

Cloud Computing Architecture (CCA)

defining a cloud computing architecture meta model and a standardized set of extensions to The Open Groups SOA Reference Architecture for Cloud computing.

Service Oriented Cloud Computing Infrastructure (SOCCI)

(Joint with SOA WG) defining architecture and recommendations for provisioning infrastructure as a service in both SOA and Cloud architectures and solutions.

Security for the Cloud and SOA (SCSOA)

(Joint with SOA WG) defining a cloud security reference architecture which will define building blocks that address the appropriate confidentiality, integrity, and availability requirements of SOA and Cloud computing.

Projects developing WhitePapers in Process

Cloud Business Artifacts (CBA)

provides guidance to those responsible for business solutions which use Cloud Computing.

Cloud Computing Explained (CCE)

defines Cloud Computing terminology and concept standards for the other projects

Cloud Use Cases (CBUC)

defines the business use cases used by other cloud projects (complimentary to the Cloud Computing Use Cases

<http://www.cloudusecases.org>)

Whitepapers Published

<http://www.opengroup.org/cloud/whitepapers/index.htm>

- Strengthening your Business Case for Using Cloud white paper
 - <http://www.opengroup.org/bookstore/catalog/w106.htm>

Cloud Business Artifacts Whitepapers Published

- Building ROI from Cloud Computing (Cloud introduction)
 - <http://www.opengroup.org/bookstore/catalog/w104.htm>
- Cloud Buyer's Decision Tree
 - <http://www.opengroup.org/bookstore/catalog/w107.htm>
- Buyer's Requirements Questionnaire
 - <http://www.opengroup.org/bookstore/catalog/w108.htm>

Whitepapers in Progress

- ❑ Cloud Computing Explained Whitepaper – 4Q2010

- ❑ Business Artifacts Project: - 4Q2010
 - Cloud Metrics Scorecards
 - Cloud Risk
 - Buyers Cloud Taxonomy
 - RFI/RFQ/RFP Input
 - Cloud Computing Business Solution Architecture

- ❑ Cloud Book (compilation of Cloud deliverables) – 4Q2010
 - Cloud Business Usage Framework Whitepaper
 - Cloud Business Patterns Whitepaper
 - Using Cloud to Mitigate Risk Whitepaper
 - Cloud User Profiles Whitepaper

The Open Group and ISO

- ❑ The Open Group is an ISO PAS submitter
 - The Open Group can submit Open Group Standards to be balloted by ISO and made International Standards
 - The Open Group has submitted Service Integration Maturity Model Standard, which is being balloted

- ❑ The Open Group has a liaison relationship with ISO/IEC JTC 1 SC 38 for SOA and Cloud Computing

- ❑ The Open Group is participating in ISO/IEC JTC 1 SC38 Cloud Computing Study Group

- ❑ The Open Group is also participating in the SC 38 SOA Work Group and SC 7 SOA Study Group (editor roles in both)

More information ... Open Group China

- ❑ Established on 2009-2-2 as a Open Group franchise by Kingdee
- ❑ Territory: China, Taiwan, Macau, and Hongkong
- ❑ Open Group China is officially launched on 2009-5-19 in Beijing
- ❑ Goal: Promote standards like TOGAF, SOA, and Cloud Computing in the greater China region



The screenshot shows the Kingdee website for the 'Open Group China Branch Establishment Conference'. The header includes the Kingdee logo and '金蝶, 企业管理专家'. The main banner features the title '开放群组中国分会成立大会' and 'TOGAF 9.0 企业架构框架及SOA参考架构研讨会'. Below the banner is a navigation menu with links like '邀请函', '议程安排', '嘉宾介绍', '联系我们', '在线报名', and '关于The Open Group'. A video player shows a ceremony where two men are unveiling a plaque for the '开放群组中国分会'. To the right of the video is a text block titled 'The Open Group中国分会成立 国内企业信息化战略与架构有望升级换代', which provides details about the event on May 19, 2009, in Beijing, and lists the standards and participants involved.

THE Open GROUP
China

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TOGAF™ Certification in Chinese

- ❑ Open Group China has obtained approvals from the Open Group, as the TOGAF Certification Authority, to offer certification for TOGAF 9 Foundation and TOGAF 9 Certified in Chinese.
- ❑ The Certification Exams will be offered via the Internet at over 80+ branch offices of Kingdee Software throughout China.

The screenshot displays the Kingdee website interface. On the left, under '业务咨询' (Business Inquiry), it lists a 24-hour hotline at 4008-830-830 and provides links for solutions, products, partnerships, training, relationships, international business, and recruitment. On the right, under '服务与支持' (Service and Support), it details training education, a national training inquiry line at 86-755-26612299, and a complaint hotline at 0755-88821005. Below this is a map of China titled '金蝶各地机构联系方式' (Kingdee Branch Office Contact Information) showing regional centers across the country.

业务咨询
咨询热线: 4008-830-830
- 我要定制解决方案
- 我想购买金蝶产品
- 我要申请成为合作伙伴
- 我想申请参加培训
- 我要交流投资者关系
- 我想咨询国际业务
- 我要应聘金蝶

服务与支持
培训教育
全国统一培训业务咨询
电话: 86-755-26612299 一培训教 点击这里, 查看各地培训 业务热线
各地培训业务咨询
业务热线

在线客服
投诉电话: 0755-88821005 (周一至周五: 8:30-17:30)
投诉传真: 0755-26615016-6271 (请注明投诉)
投诉信箱: complain@kingdee.com

金蝶各地机构联系方式 »

金蝶区域中心
北方区: 北京
华东区: 上海
南方区: 广州
西部区: 成都



More information about Open Group China....

- ❑ Open Group China Launch Conference Proceedings
 - <http://www.kingdee.com/news/subject/09togaf/index.htm>
- ❑ Open Group China Launch Video
 - http://cio.it168.com/focus/200905/Apusic_OpenGrou/index.htm
- ❑ Kingdee Media Video: SOA and TOGAF
 - <http://www.51cto.com/exp/kingdee0905/>
- ❑ Enterprise Architecture supporting the Chinese Management Model
 - <http://www.kingdee.com/pub/article.do?method=view&articleId=807791db-0124-1000-e000-0005c0a80003>
- ❑ Kingdee announces the release of EAS 7.0: Create Boundaryless Information Flow
 - <http://cio.zdnet.com.cn/cio/2009/1120/1519029.shtml>

धन्यवाद

Hindi

多謝

Traditional Chinese

ขอบพระคุณ

Thai

Спасибо

Russian

Gracias

Spanish

Thank You

Obrigado

Brazilian Portuguese

شكراً

Arabic

Danke

German

Grazie

Italian

多谢

Simplified Chinese

Merci

French

நன்றி

Tamil

감사합니다

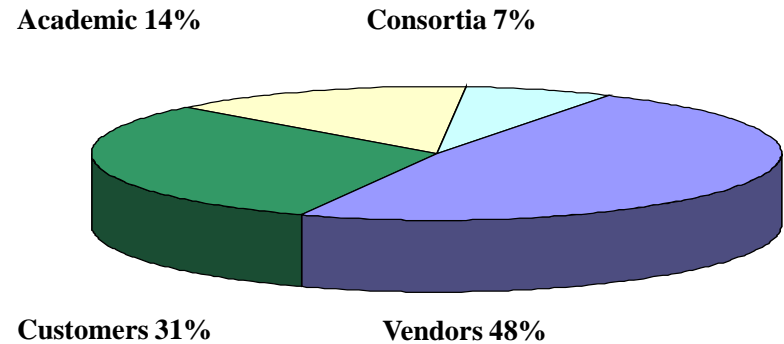
Korean

ありがとうございました

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What the Open Group Does

❑ Membership & Events

- Forums and Work Groups
- International Conferences
- Regional Conferences

❑ Certification

- People - ITAC, ITSC, TOGAF™
- Products – UNIX®, WAP, Architecture Tools
- Services - Training

❑ Consortia Services

- Various management services to other special interest groups