SOA maturity

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Ratings:

- 1=Ad-hoc
- 2=Basic
- 3=Standardized
- 4=Managed
- 5=Adaptive

	Business		Program management		Governance		Architecture		Operations		People		Enabling technologies	
	2007	2012	2007	2012	2007	2012	2007	2012	2007	2012	2007	2012	2007	
UBC	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Michigan	1	1	1	1	1	1	1	1	1	1	1	2	1	1
Cornell	1	2	1	1	1	1	1	1	1	1	2	2	2	2
Georgetown	1	1	1	1	1	2	1	1	1	1	1	1	1	2
Ohio State	1	2	1	2	1	2	1	1	1	1	1	2	2	2
UMUC	1	2	1	2	1	1	1	2	1	1	1	1	1	2
UofT	1	1	1	1	1	2	1	2	1	1	1	1	1	2
MIT	2	1	2	1	1	1	2	1	1	1	1	1	1	1
Washington	1	2	1	4	2		1	3	1	2	1	2	1	2
UW-Madison	1	2	1	2	1	2	1	2	1	2	1	2	1	2
UC Irvine	1	2	1	2	1	2	2	2	1	1	1	1	2	2
Colorado	2	2	1	2	1	1	1	3	1	2	1	3	1	2
Indiana	2	2	1	2	1	1	2	3	1	2	1	2	2	2

2.2

If you have indicated a significant change in your maturity level, can you describe the projects that have done most to advance that maturity?

Georgetown
Implementation of several cloud solutions has increased awareness of and practical need for maturity.

Ohio State
Central IT Integration Architecture definition, initial development projects using SOA techniques and web services between ERP systems (PeopleSoft Student, HR, & Finance)
UMUC
Deployment of a services-based integration platform (ESB)

UofT
We purchased IBM's WebSphere Message Broker and established an SOA governance structure. We're in the process of building an "Integration Team" that will operate the ESB and develop message flows and services, and help the divisions build services too.

MIT Lost initial momentum.
LF note: considerable SOA architectural work at MIT in 2007. See http://web.mit.edu/itag/eag.html

Washington
Web grades project was a catalyst, Strategic Roadmap, Kuali Student has raised awareness, mobile apps, endorsement from leadership

UW-Madison
There has been considerable work to expose curricular data. This involves data, services definitions, and governance. There has been a similar effort to deliver person information particularly for provisioning systems. Other areas are following somewhat behind. Services for HRS self-service exposed to the portal. The scholarship application uses the integration broker against PeopleSoft Campus Solutions

UC-Irvine
The UCPATH project (UC Payroll HR Information System project)

Indiana
Kuali Rice and Kuali Mobility implementations occurring around and after 2007 helped to broaden the net of service-oriented projects.

2.3

If there has been a significant change, can you identify the top 3 drivers for that change?

Georgetown
The need for enterprise integration of back-end administrative systems (HR, Finance, Student), The de facto result of acquiring middleware bundled with other products
Ohio State
The need for enterprise integration of back-end administrative systems (HR, Finance, Student), The need for better Master Data Management, The need for greater agility, Executive leadership (CIO or Enterprise Architecture), Mobile
UMUC The need for greater agility, The de facto result of acquiring middleware bundled with other products, Executive leadership (CIO or Enterprise Architecture)

UofT
The need for enterprise integration of back-end administrative systems (HR, Finance, Student), The need for better Master Data Management, Executive leadership (CIO or Enterprise Architecture)

Washington
The need for enterprise integration of back-end administrative systems (HR, Finance, Student), The need for greater agility, Executive leadership (CIO or Enterprise Architecture)

UW-Madison
The need for enterprise integration of back-end administrative systems (HR, Finance, Student), The need for greater agility, Executive leadership (CIO or Enterprise Architecture)

UC-Irvine
The need for enterprise integration of back-end administrative systems (HR, Finance, Student), The de facto result of acquiring middleware bundled with other products, Executive leadership (CIO or Enterprise Architecture)

Indiana
The need for greater agility, The de facto result of acquiring middleware bundled with other products, Executive leadership (CIO or Enterprise Architecture)

2.4 Additional comments

UofT
We realize that we are still mostly at the "ad hoc" phase and there are frequent discussions with the divisional IT staff to educate them on the benefits of SOA.

MIT
The push for Project management has interfered with establishing and adhering to architectural goals

Washington
It is difficult to have a SOA initiative when demands of individual projects often take precedence. We need to leverage projects to build out middleware.

UW-Madison
We are in the process of setting up an integration testbed that will deploy two or three SOA stacks including WSO2, FUSE, and probably Oracle.

UC-Irvine
Planning on going live with Kuali Financials next July. This is local to Irvine.

Indiana
We have long utilized shared services for workflow processing and applied it across many different areas at the institution. This started for us in early 2003, but we've been continually expanding our SOA projects and capabilities as we have brought on more projects that integrate with our Kuali Rice infrastructure (the Kuali Rice project was created in 2007).