

Active/Invited Task Force Members			
Present	First Name	Last Name	Organization
x	Adnaan	Sikandar	Cap Gemini
x	Andre	Cassulo	Florida Power and Light
	Anuja	Nakkana	Florida Power and Light
	Belurd	Louie	PGE
x	Brian	Bulow	Idaho Power
	Charlie	Ward	Duke Energy
	Dan	Jablonski	Jnissi Solutions
	Dave	Kaufman	Honeywell
	David	Bishop	Landis & Gyr
	David	Duguid	Sensus
	David	Ress	Sensus
	Donny	Helm	ONCOR
	Douglas	Schultz	CMS Energy (Consumers)
	Frank	Wilhoit	American Electric Power
X	Greg	Congleton	Infoantics
	Greg	Robinson (Chair)	Xtensible Solutions
	James	Meyer	Xtensible Solutions
x	Jerry	Gray	CimPLE
	Jett	Winter	Bit Stew
	Jim	Greenhaw	Pacific Gas & Electric
x	Jim	Horstman	Southern California Edison
	Jin	Chang	Exelon Corporation
x	Joe	Zhou	Xtensible Solutions
	Joseph	Thomas	DTE Energy
	Larry	Kohrmann	ONCOR
x	Madeline	Rodini	
	Mark	Ortiz	Consumers Energy
	Melissa	Stephenson	Boeing
	Pat	Brown	EPRI
	Phil	Slack	Florida Power and Light
	Predrag	Vujovic	Long Island Power Authority
	Randy	Lowe	American Electric Power
	Rich	Tolway	APS
	Rich	Stephenson	Southern California Edison
	Rick	Vasserman	
	Rob	Stewart	Pepco
	Scott	Palmquist	Itron
	Shawn	Hu	Xtensible Solutions
	Steve	Van Ausdall	Xtensible Solutions
x	Suren	Rao	WiPro
	Tomas	Supka	Itron
	Wayne	Longcore	CMS Energy (Consumers)

Notes

Discuss findings regarding the use of TOGAF

Leverage TOGAF 9

- 1) Discussion at Face to Face regarding whether we need to modify the current EIM framework
 - a. It would be good to improve on the current EIM framework but keep the EIM framework and not switch to TOGAF
 - b. TOGAF is already integrated into the EIM requirements document and the methodology is being followed
 - i. The latest version of TOGAF's version of architecture is very wide ranging and comprehensive
 - c. Can add value to TOGAF
 - i. 34-14, EIM can do more with the Data Extensions: Changes to Metamodel structure to adapt it for EIM use and feed it back to TOGAF Open Group
 - ii. EIM data architecture can feed into TOGAF data architecture
 - d. Diagram 44-5 deals with information management and information structure
 - i. Between changes to the meta model and the information management and structure models the utility industry can adopt TOGAF and feed recommendations back to the Open Group
 - e. TOGAF and the EIM framework are complimentary
 - f. Over view of 34-15 Data Extensions: Changes to Metamodel diagram
 - i. The metamodel shows the connection between components
 - ii. Data architecture fits between business architecture and application architecture
 1. Data entity has a relationship with the business service and the logical data component
 2. Bridges the business and logic
 3. Create a new box representing standards and tie it into the components
 - iii. TOGAF does seem to be more about what rather than the how
 1. Pull out the work that is relevant to EIM, but there may not be real overlap between TOGAF and EIM
 2. Intended to be a framework, not a how-to methodology,
 3. Integrated information reference model can accommodate the EIM and the semantic model can easily be extended into the core content metamodel (from practitioners in the

utility industry) Figure 34-5 representing the Content Metamodel

- a. Content Metamodel intended to have boxes to put all of the enterprise architecture processes and artifacts
 - b. Part of the Data box in the Information Systems Architecture
4. Looking at 34-9, shows the relationship between the prescribed Core Content Metamodel as well as how extensions are supported by the Content Metamodel,
 5. 34-10 shows an example of how governance extensions are integrated into the Core Content Metamodel
- iv. It may be useful to have a write-up from utilities that either have implemented TOGAF or are in the process of implementing TOGAF
 1. Some utilities have identified the changes associated with Smart Grid as a key driver to adopting enterprise architecture standards
 - g. No objections to adopting the items outlined in the email put out by Joe Zhou regarding the recommendations to use TOGAF
- 2) Keep the EIM framework since TOGAF does not cover all off the EIM framework items
 - 3) Need to tackle the use case area
 - a. Start discussing use cases on the next call
 - b. Identify processes that NIST has already covered
 - 4) No comments on coverage priority