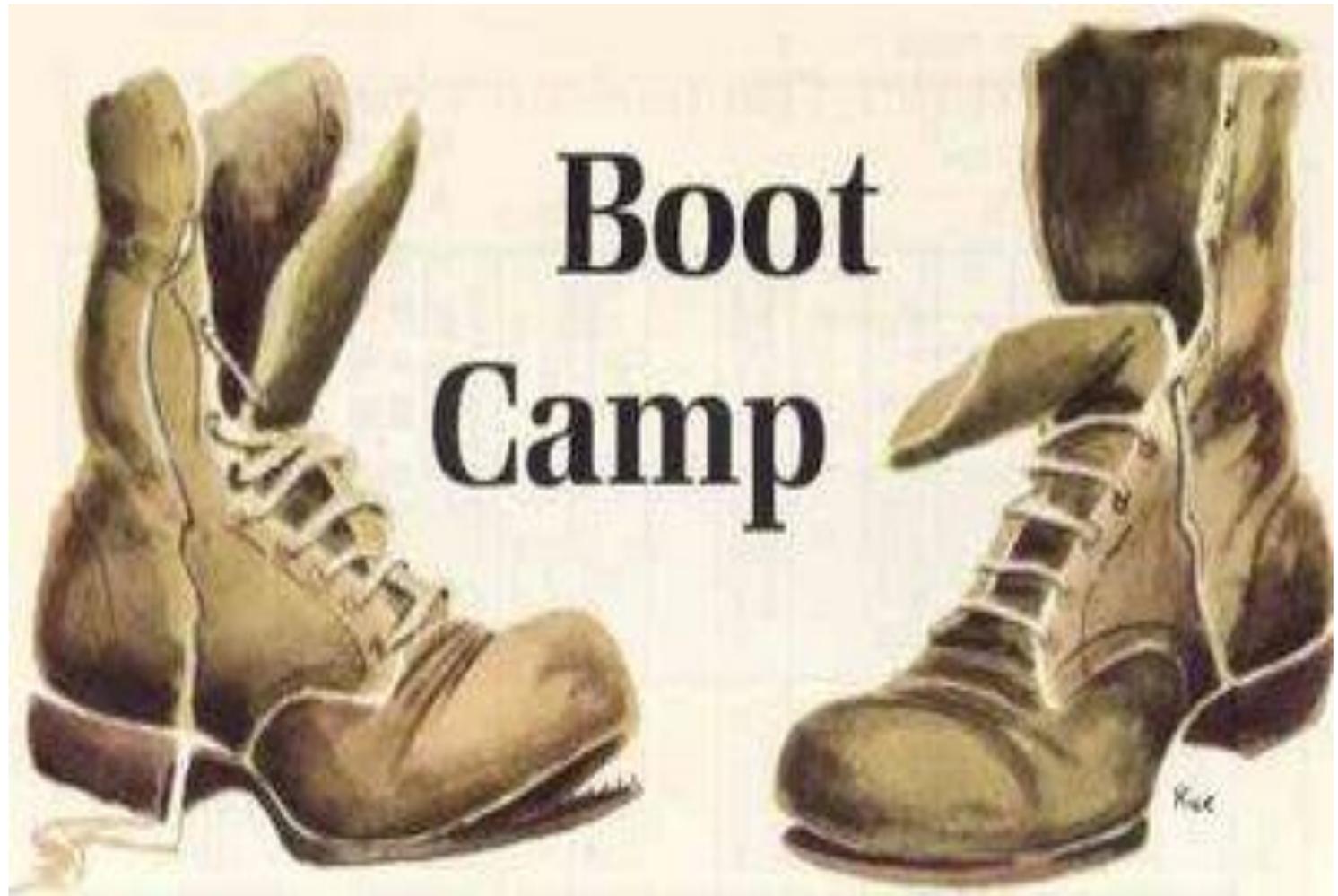


Enterprise Architecture



Welcome to EA Boot Camp

- Facilities – Where are things?
-
- Introductions – Who are we?
- Format – Open conversation with only one conversation at a time.
- Expectations – An interactive presentation with your examples as samples and discussion points.



Boot Camp Objectives

- Provide exposure to the concepts of Enterprise Architecture (EA)
- Understand the context of EA in the organization
- Enable the attendees to understand and promote the value/need for EA
- Be able to differentiate between EA domains
- Be able to articulate the basic steps and components of EA development as described in the EA Developers Guide
- Provide stories and examples to illuminate the architecting process and deliverables

Syllabus

1. EA News and Updates.
2. What is Enterprise Architecture?
3. EA Developers Guide Overview
4. EA Compliance Tools
5. BRM & TRM Tool
6. Proposal and Submission Packages
7. How it all fits together
8. EA Development Recommendations
9. EA Resources
10. Questions

EA News and Updates

- Changes to BRM and TRM templates
- CalBRM vs. BRM
- Changes to ITCP



What is Enterprise Architecture ?

“The explicit description and documentation of the current and desired relationships among business and management processes and information technology.”

U.S. Government Definition of EA: Circular A-130

“The fundamental organization of a system, embodied in its components, their relationships to each other and the environment, and the principles governing its design and evolution.”

IEEE 1471-2000

“The process of translating business vision and strategy into effective enterprise change by creating, communicating and improving the key principles and models that describe the enterprise's future state and enable its evolution.”

Gartner, Publication # G00141795

What is Enterprise Architecture?

Enterprise Architecture is about the composition of the Enterprise. It is concerned with gaining a contextual understanding of business processes and Information Technology estate, so that it and its complexities, can be described, communicated, managed, and planned for.

Enterprise architecture provides a common basis for understanding and communicating how systems are structured to meet strategic objectives through policy, standards, and requirements.

“If the Government continues to do what we’ve done (build non-architected solutions), we will continue to get what we have – a non-interoperable, expensive and ever challenging tangle of data, applications and technology.”

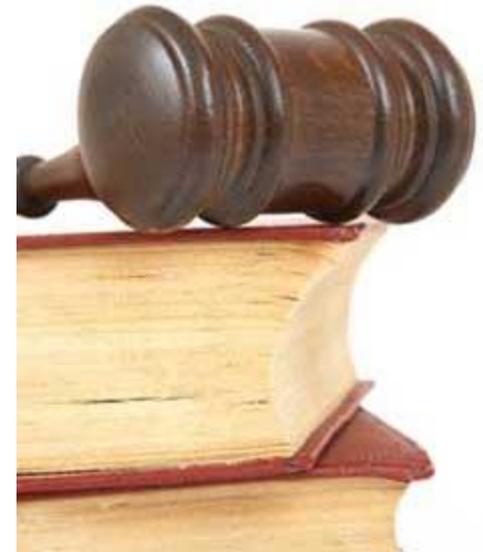
- Source: FEAF Version 1.1

EA Developers Guide Overview

- Governance Component
- Compliance Component
- Domain Component
 - BRM – Business Reference Model
 - TRM – Technical Reference Model
 - SRM – Service Component Reference Model
 - PRM – Performance Reference Model
 - DRM – Data Reference Model

EA Compliance Tool

- What is the Compliance Tool
- When is the Compliance Tool used
- Who uses the Compliance Tool
- Sample and Example of the Compliance Tool



BRM Tool

- Overview of Tool
- Details of Tool
- Examples of how the Tool is filled out



TRM Tool

- Overview of Tool
- Details of Tool
- Examples of how the Tool is filled out



Proposal and Submission Packages

- What goes into the package?
- When is the package due?
- What is done with the data?
- Who is responsible for submission?
- How is submission accomplished?



EA Development Recommendations

- Collaboration is key
- Get the right Business and Technology skills mix
- Just get started by dipping your toe into the ocean don't try boiling it
- This is a long term effort (EA is refined through an iterative process)
- Keep aligned to the Business

How It All Fits Together

Enterprise Architecture

(Energy related data through an inventory assessment)

Green Initiative

BDNA (Energy related data through an inventory assessment)

Data Strategy

(Data Survey to help formulate a state wide data strategy)

Data Center Consolidation

(Data Center Facility and Infrastructure Assessment)

Agency and Department Consolidation

(Agency and Department IT Asset Consolidation Effort)

IT Capital Plan

(Proposed Project Concepts, Current Project Status, Consolidation Status, and Security Survey)

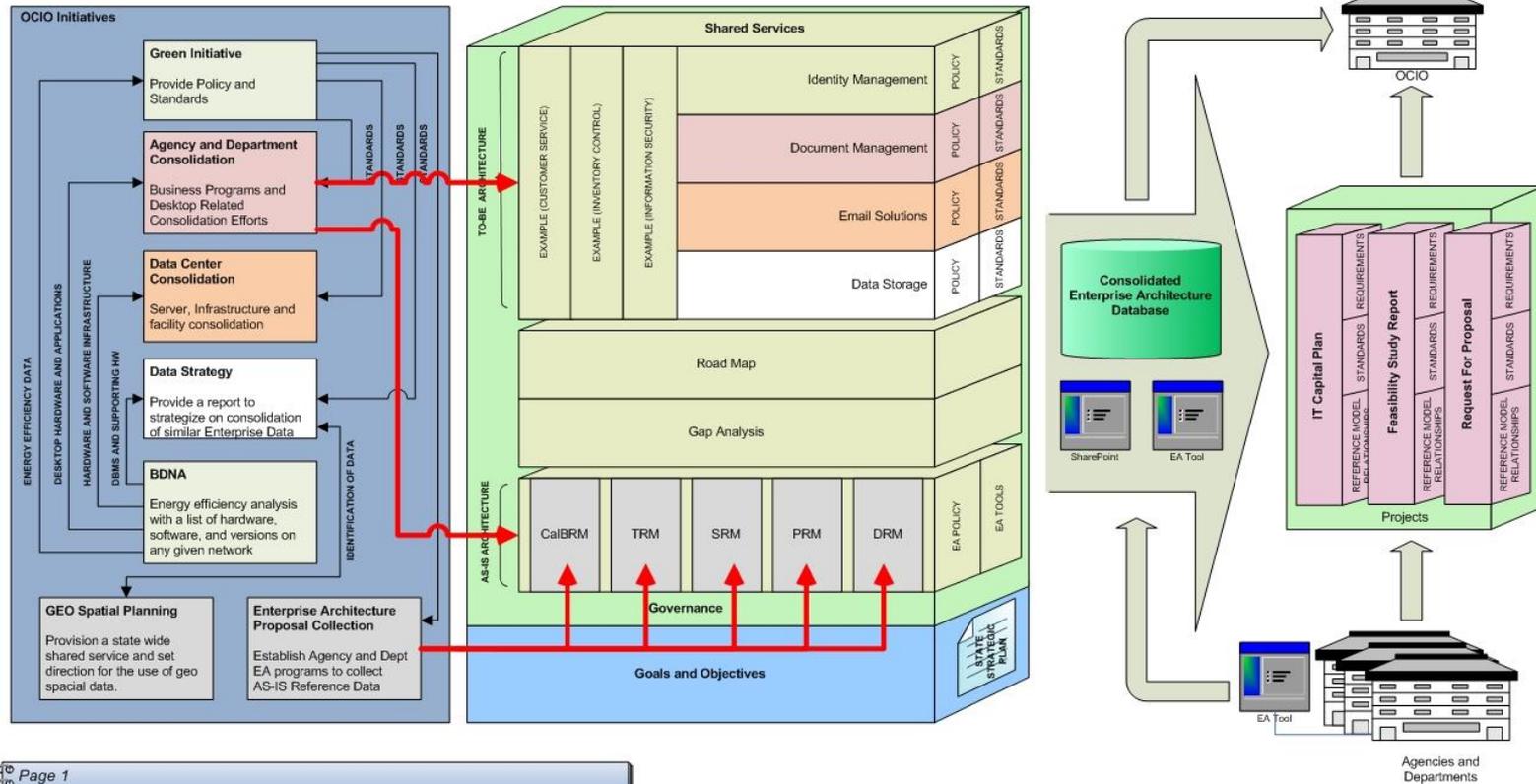


How It All Fits Together



California Enterprise Architecture (DRAFT)

Monday, April 13, 2009



EA Resources



NASCIO – www.nascio.org

NASCIO EA Development Tool Kit (Introduction & Governance) <http://www.nascio.org/resources/EAsources.cfm>

FEA - www.whitehouse.gov/omb/e-gov/fea/

FEA Consolidated Reference Model Document Version 2.3

http://www.whitehouse.gov/omb/assets/fea_docs/FEA_CRM_v23_Final_Oct_2007_Revised.pdf

FEA Reference Model Mapping Quick Guide

http://www.whitehouse.gov/omb/assets/fea_docs/FY10_Ref_Model_Mapping_QuickGuide_Aug_2008_Revised1.pdf

OCIO – www.cio.ca.gov

Wikipedia on FEA

http://en.wikipedia.org/wiki/Federal_Enterprise_Architecture

