Exploit e-Business Registry

BCM exploits the discovery and collaboration capabilities of e-Business Registries to ensure that business assets are controlled, made visible, and shared with partners for integration. Such as
(i) locating partners, capabilities, services, documents and business processes
(ii) interacting with partners subsidiaries, customers about multiple product lines.

Additionally, BCM utilizes the power of e-business registries to securely store XML artifacts (e.g., XML schemas, data elements, etc.) and non-XML artifacts (e.g. other e-business Templates), as well as details (metadata) about the artifacts. The storage facility (e.g., a file system or database) that holds registered objects is known as a repository, while the part of the information system that maintains the metadata for the registered objects is known as a registry.

OASIS

http://www.oasis-open.org

BCM is being developed under the aegis of OASIS. A standards body that is working e-Business issues at many levels and perspectives

BCM Benefits

- Enables collaborative development. Empowers users to be both customer and business expert

- Gives trace-ability from business vision to implementation (and status)

- Promotes unified understanding of assets to ensure visibility, accessibility and interoperability between trading partners, and facilitates greater reuse

- Provides ability to discover efforts across the enterprise

- Allows people and machines of multiple enterprises to exchange semantic interoperability knowledge

- Provides structure for business patterns

- Facilitates partner connectivity via industry models, such as, UBL, PIPs, OAGIS

- Addresses the root cause rather than just the symptoms of integration problems

- Provides for Enterprise-wide agility and prepares the Enterprise for new business opportunities

What is the BCM?

The Business-Centric Methodology (BCM) is a complementary approach to current architectures and methods for constructing business-oriented services
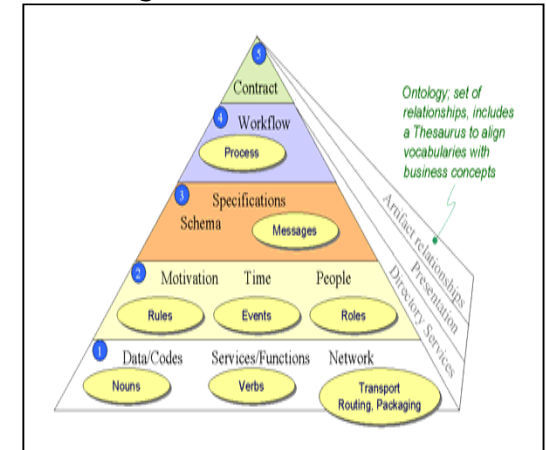

Specifically the BCM:

- Involves a layered approach for strategically managing artifacts and constraints while achieving semantic interoperability

- Enables precise communication between business users and technical experts as well as between Enterprise applications and their respective business partner systems

- Addresses integration problems through pragmatic and semantic interoperability mechanisms

- Exploits the dynamic nature of common mechanisms

BCM Layers

The BCM layered approach enables
- a top-down approach during new development efforts
- a bottom-up approach when dealing with legacy systems, and
- building from the middle-out when adopting an architecture
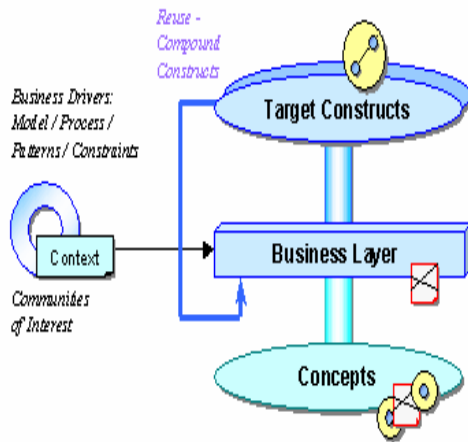
Conceptual layer improves the understanding of the semantics by aligning the terminology of the business and uncovers the real meaning of the business vocabulary. As a result, use can be extracted and interpolated to higher-level business aggregates

Business layer develops an understanding of the core business goals that the "preferred" business objects must accomplish and constrains them according to defined business processes and patterns.

Extension layer provides outreach for mapping the Target Constructs to the desired industry consortiums, standard bodies, and internal legacy system formats

Implementation layer provides in-depth technical requirements analysis of the selected framework

Pragmatic Templates

BCM employs Templates to place information in a business usage context, simplify data collection, reveal underlying patterns within the information and improve communication between business domain experts and technologists by encapsulating:

Why - motive & rules
What – information & data
When – timing & events
Where – location
How – services & functions
Who – stakeholders & roles

To resolve semantic conflicts, whenever, [1] data appears to have the same meaning, but does not, and [2] naming schemes differ significantly (e.g., synonyms and homonyms) the Conceptual Layer uses authoritative definitions embedded in Community of Practice specific Data Dictionaries, Lexicons, Taxonomies, Thesauri, Topic Maps and Ontologies.

e-Business Value

BCM is a comprehensive approach for reducing unneeded risk by providing proven techniques that enable a service oriented architecture and support enterprise agility and interoperability. Additionally, the BCM focuses on increasing value and reducing development time, integration resource requirements, and maintenance costs through reuse and coordination of efforts. BCM achieves this -
- By making the business objectives, agreements, semantics, and rules of an organization preeminent in system and partnership development
- By simplifying the transformation of corporate data into context-specific information collected in templates
- By separating the technical solution from the business infrastructure and bridging the differences between systems, applications, partnerships, and departments

For more information contact OASIS Business Centric Methodology TC

OASIS

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