

Going Live with Enterprise Solutions



Real – World Data Governance- Part 1

“Day in the Life of a Business Steward”

Jesse Lambert and Jack Spivak, TopQuadrant Inc.

November 30, 2017



TopBraid EDG: A Day in the Life of a Business Steward

- Problem: Complex, fragmented “Data Landscape”
- Solution: TopBraid EDG, an open-standards solution, can simplify, speed and ensure governance.
- Demo: “Day in the life of a Business Steward”
- A Quick Poll.
- Questions and Answers



Jack Spivak



Jesse Lambert

TOPQUADRANT COMPANY

FOUNDATION

- TopQuadrant was founded in 2001
- Strong commitment to standards-based approaches to data semantics

MISSION

- Empower people and drive results — by making enterprise information meaningful

FOCUS

- Provide comprehensive data governance solutions

ENTERPRISE CUSTOMERS



LOCKHEED MARTIN



Alcatel-Lucent



U.S. AIR FORCE



PEARSON

servicenow



THOMSON REUTERS™



VIDAL GROUP

syngenta®

AstraZeneca



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EURIWARE
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CONSULTING. TECHNOLOGY. OUTSOURCING

The Problem:



Data Governance = Connection

Unifies the data landscape to promote:

- Awareness of problems and opportunities
- Effective access, use and control of your data
- Promote re-use
- Interoperability



Why Care?

Without data governance ...

“... organizing people, processes, and information technology required to create a consistent and proper handling of an organization's data across the business enterprise.”

... *Wikipedia*

... bad things happen to good people –
and to their endeavors.



“Bottom Up” Governance

A callout box with a wood-grain texture, a star, and a silhouette of a longhorn. A white pointer points to the top left of the box.

Subject Matter Expert

A callout box with a wood-grain texture, a star, and a silhouette of a longhorn. A white pointer points to the top left of the box.

Technical Data Steward

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Application Steward

A callout box with a wood-grain texture, a star, and a silhouette of a longhorn. A white pointer points to the top left of the box.

Data Governance Officer



“Top Down” Governance

- Control Access
- Secure
- Authorize
- Locate
- Organize
- Identify
- Describe
- Maintain

Data Governance: What's Really Involved?

A Domain ...

“Data governance encompasses the people, processes, and information technology required to create a consistent and proper handling of an organization's data across the business enterprise.”

... Wikipedia

A System ...

“Data Governance is a system of decision rights and accountabilities for information-related processes, executed according to agreed-upon models which describe who can take what actions with what information, and when, under what circumstances, using what methods.”

... DGI Framework, David Plotkin, Wikipedia

A Process ...

"Delivering trusted information for smarter business decisions across your entire information supply chain"

... IBM

An Approach ...

“Data governance is the universal approach to managing and securing data in organizations”

... DGPO webinar



WELCOME TO
SUCCESS
ENJOY THE JOURNEY



TopBraid EDG
Enterprise Data Governance

Global Lookup Administrator (log out)
Version: 5.4.0.20171020-1948 Secret Administration: PHEP

Welcome to TopBraid EDG

TopBraid Enterprise Data Governance™
(TopBraid EDG™) is an agile data governance solution for today's dynamic enterprises. With EDG, you can choose one or combine two or more data governance packages to support a comprehensive but staged approach to data governance.

Search the EDG

This search has not been configured.
Contact an administrator to add graph(s) to your search.

Start Typing...

My Tasks















You have no tasks

Recently Viewed Collections

- CMMI-DMM Functional Practices
- Governance Model
- CMMI-DMM Assessment
- cmmi_dmm_functional_practices
- cmmi_dmm_assessment

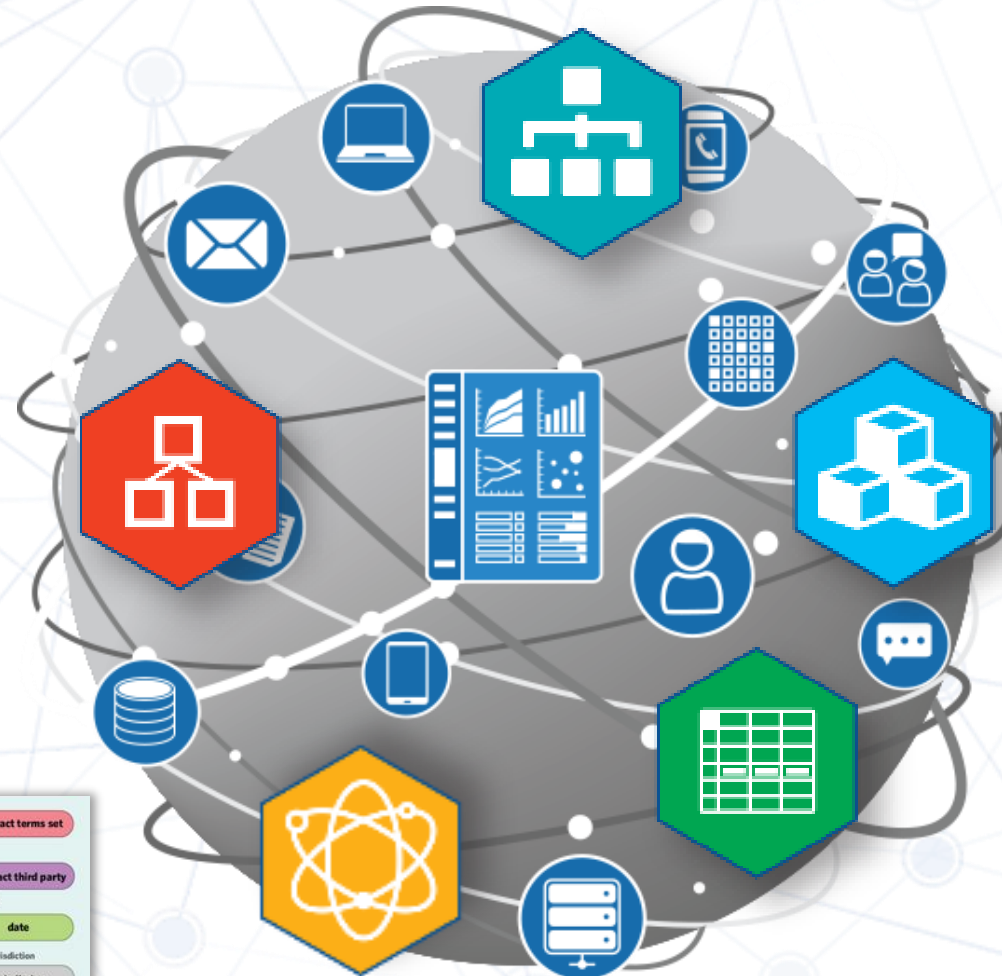
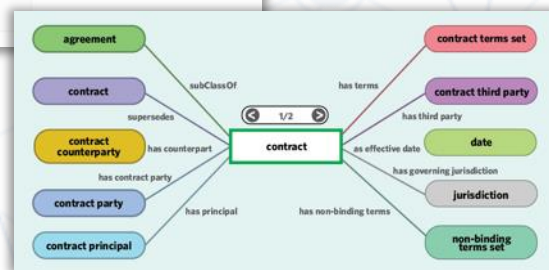
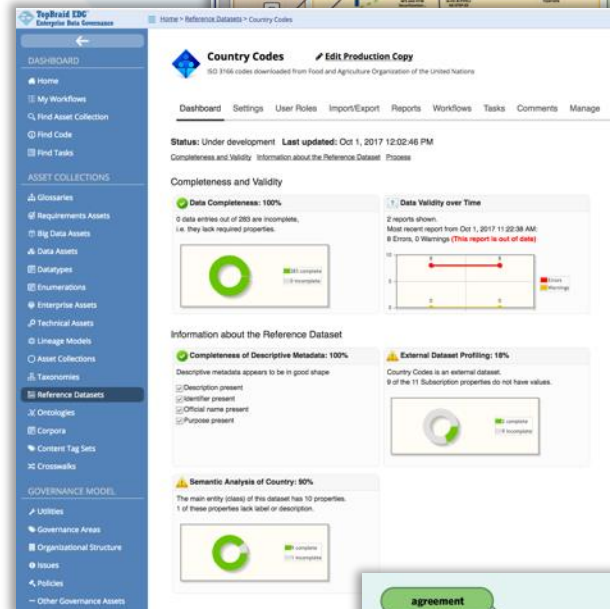
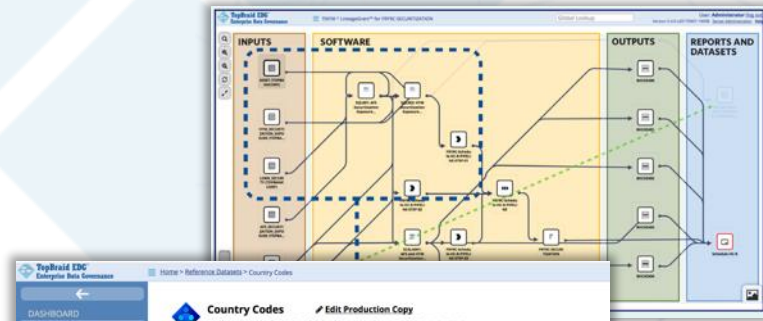


TopBraid EDG includes over 100 standard asset types such as Glossary Term, Requirement, ETL Script and many others. All can be customized or extended.

	Database		Database Table
	Dataset		Glossary Term
	Data Pipeline		Capability
	Organization		Team
	Server		Software Executable
	Policy		Report
	Obligation		Business Area

Standard and Custom Workflows Specify Governance Activity

- Identify
- Assign
- Catalog
- Describe
- Connect
- Authorize
- Assess
- Visualize
- Notify
- Track/Audit/Report



Collaborate

Catalog

Connect

Curate

A Day in the Life ... Personas



Jesse

Business data steward responsible for business glossaries in the customer data domain

Subject matter expert for this customer data domain



Shaun

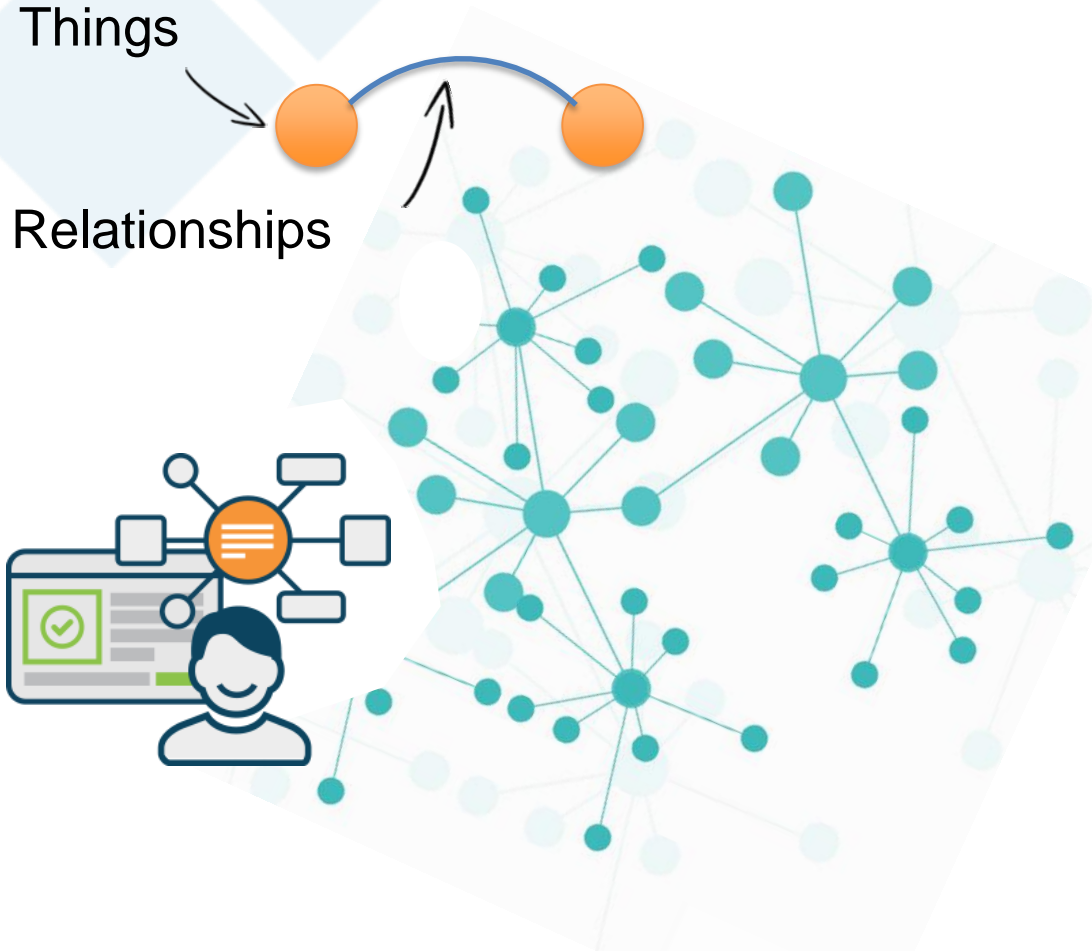
A Day in the Life ... Governance Tasks



- Define a business area and assign roles
- Import a glossary
- Initiate a shared workflow
- Collaborate over the glossary and define business rules
- Bridge (aka Connect) business and technical metadata

DEMO:
TopBraid EDG
“A Day in the Life of a Data Steward”

Graph Representation + Semantic Open Standards



Classification:
What is this thing?

Vocabulary:
Shared terms we can use

Statements:
Saying things

Rules:

Is that term used correctly?
What do you need to know?
You can't say that here!

Query:

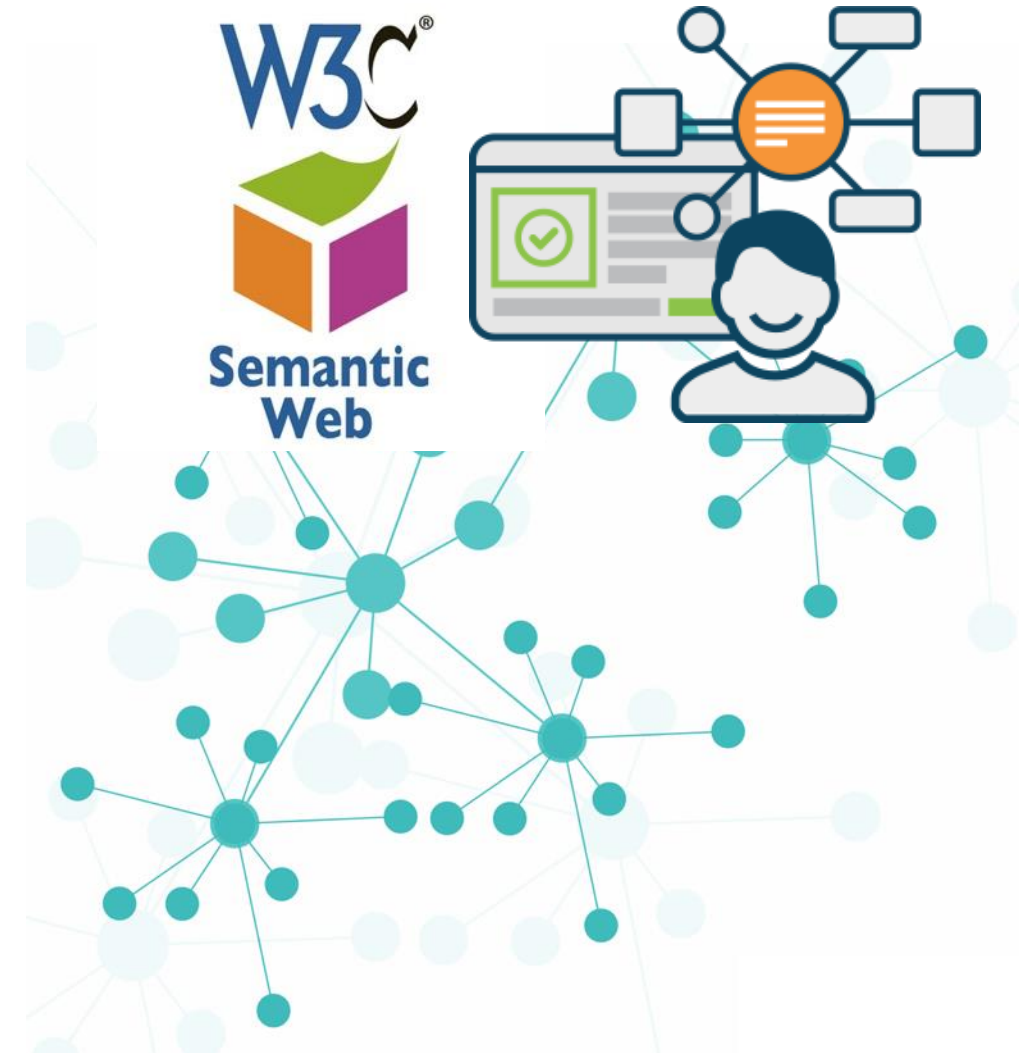
What did you say?



Relationships tame complexity and “pave the road” to governance

OpenSource Standards Help Compliance

- Data portability
- Interoperability with enterprise, vendor and partner systems
- Common standardized language for description and collaboration.
- Well thought out.
 - No need to re-invent the wheel.
- Extensive adoption



Core flexibility and extensibility

- Add user defined models, assets and properties as needed (model-driven)

Models: pre-built and user defined

- Support multiple types of governance assets and activities

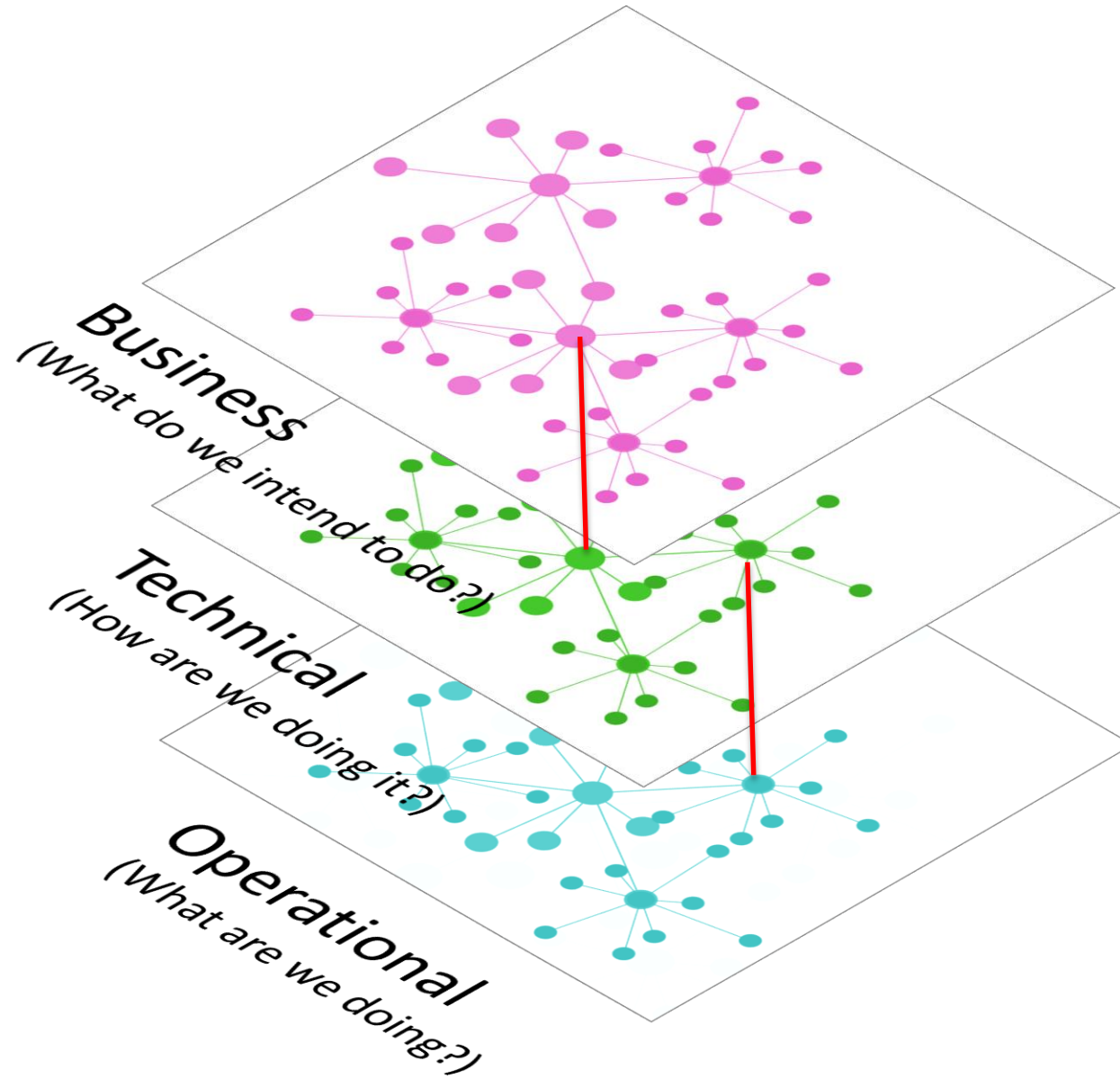
Flexible Connections:

- describe relation between any type of assets or activity
- Enable people (UI) and software (APIs/web services) to view, follow and query the connections to answer core questions, e.g. “Where did this come from?”
- Bridge data “silos” for comprehensive data governance



Powerful Stewardship Tools and Capabilities







Respond to Opportunities

Increase Efficiency & Value

Reduce Risk & Cost





... Questions?

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To Learn More ...

Contact us: at info@topquadrant.com to:

- Discuss our governance capabilities
- Request a more targeted demo of TopBraid EDG
- Ask for a free EDG evaluation account

EDG Product Info:

- <http://www.topquadrant.com/products/topbraid-edg/>
- <http://www.topquadrant.com/products/topbraid-edg-gov-packs/>

Other EDG demos/webinar recordings:

- <http://www.topquadrant.com/knowledgeassets/videos/#edgoverviewdemo>
Webinar: Data Governance for the Connected Enterprise: TopBraid EDG in Action
- <http://www.topquadrant.com/knowledge-assets/topquadrant-webinars/#TQ-EDG-metadata-mgt-webinar>
Webinar: Metadata Management is Key to Data Governance Initiatives