

Making Your PODS Feel Like Home

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Keynote Speaker
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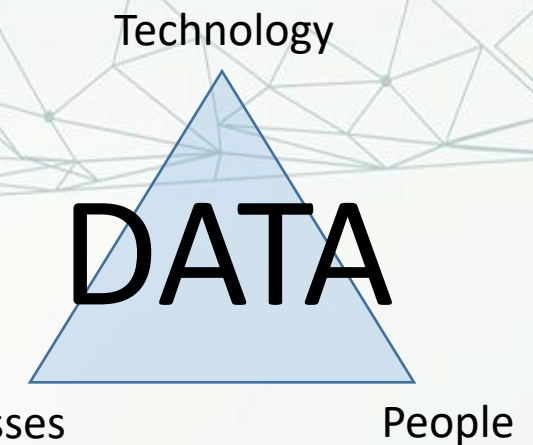


PODS – Trusted by the Industry

- PODS provides VALUE to operators
 - Standards provide the foundation
 - Flexible – core model that can be extended.
 - Core provides stability.
 - Extension provides flexibility.
 - Support multiple physical database implementations
- Achieved value through:
 - Collaboration of pipeline operators and service providers
 - Thorough documentation
 - Promoting the need for standards in managing data
- Why it matters
 - Drives the focus to digital transformation (footprint, twin)
 - Drive the focus for support of evolving technology.
 - Really...its about your success as an Operator.
 - It starts with a good foundation -- PODS

Commonality \ Data Transformation

- Information is only as good as the DATA it is built on
- Data must be organized in a:
 - Common language, and in rows & column (mostly)
- Data yields information and if done with veracity yields:
 - Truth and meaning
 - Relationships
 - Allows for growth – optimization, performance, credibility
- Data determines the TRUTH via:
 - Standards, governance, quality, system-of-record
- Analytics is about deriving meaning from data
 - Intelligence, story-telling, literacy, visualization



Goals for PODS 7 Transformation: Scorecard

Achieving the Standard

Greater Agility to Build & Extend

Simpler base model. Focus on location of pipeline centerline. Modules allow for extensibility.

Meet changing Business Requirements

System of record for pipeline centerline location. Support the industry standard GIS software.

Interoperability

One model, multiple physical implementations. Schema is immutable. Flexible set of abstract classes based on geometry and data type

Addressing Barriers to Entry

Well documented. All three model types. 6 different physical models. Training. Sample Data.

Data Exchange

Facilitate transfer of data in standard format between suppliers and consumers be that systems or organizations.

Beyond North America

Non-regional specific terminology. Units of Measure can be applied to any field and subsets of features on different routes.

Goals for PODS 7 Transformation: Scorecard

Achieving the Standard

Responsive to changing business requirements

Ensure that the location of the centerline. Everything else is secondary and derivative. Add the most important modules = ILLI etc.

Optimize Performance

Geometry in the business tables. Standard schema for this. All database updates for attributes and geometry can happen with open SQL.

Open Source

PODS Lite model is published and release for free. Support POSTGIS and SQLite physical database patterns.

Data Validation/QA-QC

Business rules construct. Data requirements for ESRI APR and UPDM.

Metadata

Metadata tables are integral part of model. All have the word META_DATA in their title making them easier to locate in the schema.

Code Lookups

Domains or tables. Tables provide mechanism for retirement. Business rules provide ability for conditional domains.

PODS 7.0 is designed to be the system of record for pipeline centerlines and pressurized containment assets for the safe transport of product.

PODS Fundamentals Training and Operators Discussion session

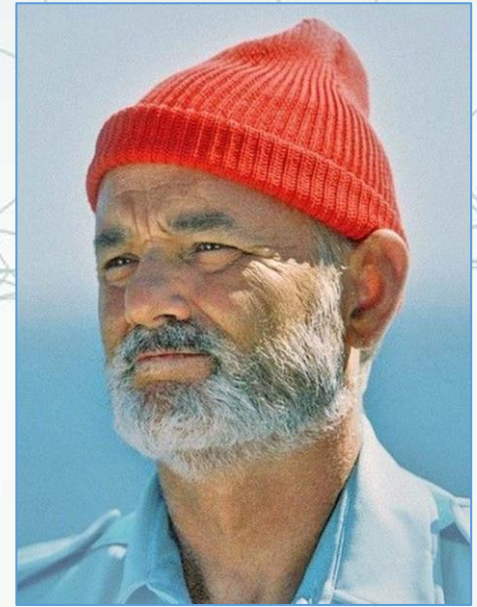
- 6-part training
- Drilling down
- Registration now open
- Operators Discussion Session
 - December or early January – watch for announcement

Final Stages of PODS 7.01

- Finish the release notes
- Generate the new schemas and documentation
- Test schemas and documentation
- Release
- Retire

Last thoughts ...

- Digital data excellence is required organizationally
 - Drives the need for data literacy (how to understand data and translate it to information)
- No silver bullet or handed on a platter but pretty close ...
- Data requires rolling up your sleeves and applying some elbow grease and taking the time ... but it is worth it.
- Open the documentation and read through it. It is excellent.
- Give your pipeline data a place to come home to ...



Thank you
Any questions?