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Data Interoperability Strategy Seminar Full Day

Abstract:

Many organizations commonly face vexing data interoperability problems. For example:

A VP demands a consolidated customer sales report across product lines across different divisions. He wants it by the end of the week. Energetically you dig into the request just to discover that a sale is defined differently across the different products and across the divisions. Some have it as gross, some net before taxes, some after taxes. Worse yet, there are codes everywhere. Some have the same code name but there are different value sets with different meanings. Worse even still, you find that some record average daily sales, some by the sale, and some others you just cannot figure out. Of course the VP also wants it consolidated by customer. Right, what's a customer?

This problem is squarely faced by the Data Interoperability Strategy seminar and also by the Data Interoperability Workshop. This brochure describes the full day Data Interoperability Strategy seminar.

There is also a half-day version of this seminar that contains considerably less technical detail. Finally, there is a Data Interoperability for Managers seminar that details the strategy and also the time, resources, and costs associated with this approach.

This approach, by the way, when compared to the traditional approach, delivers way more, in a much shorter time frame, at 10x less the cost. There is no down-side to this approach.

The Data Interoperability Strategy seminar introduces the key topics and scenarios involved in creating interoperable data environments. When the seminar is followed up with the Data Interoperability Workshop, attendees apply the strategy by proceeding through formal work-shop based processes that discover shareable data across a collection of legacy schemas, store these in a metadata repository, and, at the end, using these shared data specifications to build a shared data system.

The key topics of the Data Interoperability Strategy seminar include the characteristics of data interoperability and the two classes of data interoperability errors that commonly occur. Identified as well are the problems that commonly occur such as complexity and latency. Each of these are defined and illustrated.

Also presented in this seminar are the levels of data interoperability that can be achieved. These levels closely parallel those of a capability maturity model, and these levels can be assessed within an organization in generally the same manner as can software or data maturity.

The seminar then presents an overall framework for data interoperability and shows how common frameworks such as Zachman, Enterprise Architecture, and the Knowledge Worker affect the achievement of data interoperability.



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Data Interoperability Strategy Seminar -Full Day Topical Outline

The seminar then describes the key technological components of any really first-class interoperable data environment and provides examples of each including why these technological components are so important.

The seminar presents the overall contract and construction of a metadata repository environment critical component to a success strategy. Described as well is the necessary data interoperability environment including governance, infrastructure, communities of interest, key processes, success measures and the necessary training and tools.

The seminar then details the various scenarios that must occur to achieve a data interoperability environment including enterprise architectures, information systems plans, data model engineering, and then both reverse and forward engineering. Collectively these scenarios cause the creation of and enable the maintenance and evolution of data interoperability environments.

The seminar then concludes with the key measures and returns on investment, and an overall summary and “way ahead.”

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