

Framework Resources

ZIFA Abstracts: 1996 - 2000



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Caution

Leon -

Be careful with these abstracts ... they shouldn't be looked at as "references." There is no telling whether the activity still is going on ... whether the person is still there ... who in the organization was aware of the activity ... etc., etc.

Look at this as a resource list ... there may be some people here who have some valuable experience to share. No one that I know of has "done it all!" But all of these people had some substantive contributions.

John Z.

Who Is Doing What? - ZIFA '96

Carol Delbene - Johnson & Johnson

"Framework Front-End to the Repository"

This presentation looks at using the Zachman Framework to organize business and IT information within the repository, and looks at a custom front-end that uses the Framework to access the repository information.

F. Michael Smith - City of Oakland

"A Municipal Emergency Response Application"

A case study will be presented that uses the Zachman Framework to document and track the design, development and implementation of a citywide application for emergency response.

Rob Carter - Federal Express

"Enterprise Architecture Planning at Federal Express"

Meeting the needs of the organization with a variety of operating environments, in a fast changing business climate, requires enterprise architecture planning. This presentation will focus on how Federal Express is addressing the issue.

Joe Rosenberger - Sprint

"Defining the Business Model Scope - Best Practices"

The effective application of the Zachman Framework begins with a sufficient completion of the Scope Description (Row 1). This session presents an overview of how this modeling is performed at Sprint.

Who Is Doing What? - ZIFA '96

Brian K. Seitz - Microsoft

"Microsoft's Architecture Experience"

This presentation focuses on Microsoft's experience in leveraging the known Framework concepts as well as identifying research opportunities in the areas where the rules are not yet understood.

John Dart - Boeing Defense & Space

"Architecture at Boeing"

An active and intelligent application of engineering and architecture disciplines is absolutely required to meet the challenges of the changing defense and space marketplace. John will discuss the current architecture applications at Boeing.

Major Al Alford - USAF Medical Services

"The Zachman Framework Concepts and Tools at Work on an Health Information Resources Service (HIRS)"

Major Alford will discuss the role of the Zachman Framework in implementing a Health Information Resources Service and how end users will use the Framework to browse for information.

Michael Brackett - State of Washington

"Using the Framework to Manage Data and Activities"

This session discusses the speaker's new five-schema concept to provide a common data and activity architecture.

Who Is Doing What? - ZIFA '96

Melissa Cook - Hewlett-Packard

"Using Time-Tested Truths in the Business Views of the Zachman Framework"

The business views of the Zachman Framework set strategy, and because they don't deal with technology, they will stand the test of time. This presentation will discuss how the Framework helps get the business issues out on the table.

Christine Croucher - Canadian Imperial Bank of Commerce

"Customer's Perspective of the Architectural Approach to Information Management"

Models are typically seen as useful for information management purposes. However, experience with Row 2 models shows that they are as vital for defining and managing the enterprise itself, as for depicting information requirements in systems implementations. This presentation recounts the experience of a major Canadian financial services operation using these models.

Who Is Doing What? - ZIFA '97

Steve Bell, Vice President, Empire Blue Cross Blue Shield

"Start with Understanding the Business"

As business owners, we are overwhelmed with proposals and approaches for improving the business, most of which fail to focus on what the business is all about and what is required to win. This presentation will address those shortcomings including making changes that allow the business to keep up with a rapidly changing marketplace.

Ron Buck, CEO, IVI Publishing

"New Enterprises: A view from the CEO"

New enterprises have the luxury and opportunity for doing it right, yet many don't take the time to build the fundamental framework to support their long-term growth. "Management is only as good as the information they get" sets the tone for this presentation on how important structure and framework are to information in enterprises.

W. Thomas Deeks, Paychex

"Focusing on Architecture Through "Process Models"

This session will review the initiatives and experiences of the Paychex Information Technology Architecture team in using the Zachman Framework to promote more effective communications between Information Technology and the business divisions within the company.

Who Is Doing What? - ZIFA '97

Lt.Col. Edmond Kera, Chief, Applications Planning Branch, Headquarters, Air Mobility Command, USAF

"Models for Managing"

The United States Air Force has defined a set of architectures to smartly apply information technology to their mission and business processes, improving Air Force performance and reducing cost. This presentation will relate the Air Force architectures to the Framework, discuss the architecture planning process and their incremental legacy migration approach.

Edward Kopko, Chairman & CEO, Butler International

Jorge Molina Noriega, Vitro Finanzas

"A Consulting Firm and Client: Many Uses of the Framework"

This presentation discusses the wide and varied uses of the Framework in the consulting/client relationship from recruiting, training sales people, aligning resources with client requirements evaluating and employing tools/methods and communicating with business users.

Michael Miller, NCR Corporation

"Getting Architecture Started in a Large Organization"

Those who attempt to implement an architectural framework in a large corporation face daunting obstacles. Mike explains an approach for overcoming the obstacles and establishing an enterprise information architecture.

Who Is Doing What? - ZIFA '97

Barbara Morgan - Allstate Insurance Company

"A Row 2 View of Repository Implementation"

This pragmatic presentation shares the repository implementation experiences at both a major marketing research company and a major insurance company. Hear proven truths, common falsehoods and potential pitfalls if working in the world of metadata.

Mike Provence - Humana

"Working Within the Framework: The Designer/Builder/Maintainer's Perspectives"

This presentation focuses on the actual experiences of managing the company's first development project initiated from the high-level architectural plan. Included are discussions of how the models are leveraged for reuse and change management.

Laurie Rauch, Vice President and CIO, Terra Industries, Inc.

"Use of Information Engineering to Supercharge the Enterprise Architecture Plan"

The Information Systems Strategic Plan identified major efforts, priorities, the application suite and possible technologies, but Information Engineering set the stage for a deployed architecture. This is a discussion of how architectural thinking is used to pull together a three year plan for data, technical infrastructure and a complete application suite.

Who Is Doing What? - ZIFA '97

Ron Ross, Editor/Publisher, Data Base Newsletter

"Putting Business Rules to Work"

This presentation examines the latest thinking about business rules, explaining what they are, how they work and what problems they address. Also, suggestions are offered about where business rules should fit into application development methodologies - and how they may ultimately transform those methods.

Joane Rylander - Lower Colorado River Authority

"The Framework as a Management Tool at LCRA"

Flexible, well-managed information technology is key to responding to business change in today's competitive environment. This includes project management, working with governance groups; managing the corporate infrastructure; methodologies for application development, procurement and maintenance; and managing the deliverables and documentation that result from all these activities.

Warren Selkow - IBM/CGI

"Something Old - Something New"

This presentation addresses the universal general management challenge of changing from the old to the new and shows how the Framework provides the context and the guideposts for that transition.

Who Is Doing What? - ZIFA '97

Jim Smathers - State of Pennsylvania

"Architecture: From Plan to Implement"

This presentation describes a model-driven approach to Enterprise Architecture from planning to implementation. The discussion includes the results realized regarding reliability, maintainability, reusability and reduction of development and operational costs for both I/S and the enterprise.

Anne Marie Smith - General Accident Insurance

"Implementing a Corporate Repository"

This presentation will show the use of the Zachman Framework in evaluating the efficacy and efficiency, and in implementing a corporate repository, an integral part of an I/S Architecture, providing a central facility for metadata management and dissemination.

Mary Welfling - Minnesota Department of Transportation

"Achieving an Enterprise Focus: Success and Challenges in the Minnesota Department of Transportation."

This presentation will focus on Mn/DOT's experience in putting in place the critical success factors for Information Resource Management: Executive leadership, policies, standards, models and plan, and organization and skill base.

Who Is Doing What? - ZIFA '97

George Wright - Kaiser Permanente

"Leveraging the Information Resource"

This presentation will explore the benefits of exploiting information resource management using specific cells of the Framework. It will also explore its impact on leveraging information and related technologies in support of business needs.

Who Is Doing What? - ZIFA '98

Melissa Cook - Hewlett Packard

"Building Enterprise Information Architectures"

Author and Hewlett Packard employee, Melissa Cook will discuss the methodology and key deliverables in Row 1 and 2 of the Zachman Framework. She will also discuss how HP is using this methodology to improve decision-making on strategic systems initiatives.

Tom Bruce - T.A. Bruce. Systems Engineering Technologies

"Designing Quality Databases"

Since the mid '80's, IDEF1X has been used to design and build large-scale, integrated databases in a wide range of business and government settings. IDEF1X data models are well-suited to providing architectural representations for Column 1 of the Framework. Different model types support different Framework Rows, and the transformations from row to row reflect decisions which govern the flexibility of the resulting "Functioning System." The model types, transform implications and other development issues will be discussed.

Don Hodge - Bank of America

"Visual Enterprise Modeling: Managing the Knowledge"

With all the data and information required to support an Enterprise Architecture effort, a tool is required to manage all that "stuff." An object-oriented tool was employed to enter, manage, analyze and publish the Enterprise Architecture knowledge. The Zachman Framework provided the basis for organizing the information.

Who Is Doing What? - ZIFA '98

Tom Hokel - Framework Software, Inc.

"Structure for Artifact Management"

This presentation addresses a practical and effective approach to Enterprise document/model management and access using the concepts of the Zachman Framework. Creative uses of the Framework concepts for access to electronic performance system (EPSS) material are described. The session concludes with issues to consider regarding implementation, deployment and administration.

Judi Reeder - Knowledge Partners

"Lucent Corporate Enterprise Model"

This presentation discusses the development and initial uses for the various pieces of the Lucent Enterprise Model, developed over a two-year period by the Functional Architecture group. The organization is part of Enterprise Architecture Planning within the corporate CIO office.

Leo Genders - Ohio Bureau of Worker's Compensation

"Why & How to Adopt an Enterprise Architecture"

Mr. Genders will discuss the issues that caused the Ohio Bureau of Worker's Compensation to make very dramatic changes in its approach to providing IS services to the bureau. He will then discuss the obstacles that must be challenged and the strategies for driving an organization to a more rational IS approach.

Who Is Doing What? - ZIFA '98

Bernard Boar - AT&T

"Enterprise IT Architecture Blueprinting"

With the migration to heterogeneous and distributed IT architectures, many IT organizations are confronted with designing and maintaining their own open IT architecture. The Enterprise IT Architecture Blueprinting Methodology provides the IT architecture equivalent to engineering drawings and schematics and is mandatory for the successful definition, design, evolution and communication of an ent.-wide distributed computing envmt.

Ron Buck - South Bay Group

"Designing User Interface Architectures"

The focus of this presentation is on using the Zachman Framework to solve the problems associated with multiple media assets(video, audio, text, animation, graphics)and user interface.

Chris Loosley - Institute of Computer Capacity Management

"High Performance Client/Server"

The subject of this presentation is the fundamental dilemma of distributed systems design: when data is shared, performance requires centralization, but when users are dispersed, performance requires data separation and distribution. Using the Zachman Framework as a guide, Mr. Loosley determines an architecture for high performance - an overall framework for designing and building information processing applications for the emerging distributed enterprise.

Who Is Doing What? - ZIFA '98

Paula Pahos - Metadata Management Corporation

"Artifact Aerobics"

How much exercise do your enterprise artifacts get? When "actually doing architecture work," artifacts are created at great expense and effort - often to waste away in dark places.

Artifacts need an automated enforcement of a business regime to keep them in shape, toned and useful throughout the business cycle. This presentation will describe a real business regime implemented by a worldwide organization to keep their artifacts robust and productive.

John Hall - Model Systems Europe

"Event-driven Behavior of Entities"

A practical two-step approach for specifying the processes needed to maintain persistent and consistent data in the IS is the subject of this session. Step 1: entity-oriented, modeling of the behavior of entities on the E-R model in terms of the business events that affect them. Step 2: event-oriented, transforming of the behavior models into process specifications, for either relational or object-oriented design.

Who Is Doing What? - ZIFA '98

Ron Ross - Business Rule Solutions

"Business Rule Methodology"

Business rules offer exciting new opportunities for the business. Among these are the means to enable faster changes to business policy. Business rules also offer unprecedented opportunities for closing the requirements gap between end-users and IT, for providing better leverage for sponsors over IT projects, and for aligning IT with the business. In this presentation, Mr. Ross outlines the advantages of a business rule approach. He explains the latest thinking about business rules, explaining what they are, how they work, and what problems they address. He also places business rules into the context of Ent. Arch.

Jon Geiger - Intelligent Solutions

"Using the Framework for the Data Warehouse"

The data warehouse obtains its data from existing operational systems and external databases. This presentation applies the Zachman Framework to aid in the development of the governing data models. These models are then used to help the data warehouse team better understand both the target and source environments so that they can properly define the data acquisition, cleansing, transformation and integration process and programs.

Who Is Doing What? - ZIFA '99

Dave Wallace - Province of Ontario

"Enterprise I & IT Architecture in the Ontario Government"

The Enterprise Information and Information Technology (I & IT) Architecture Project, approved in February 1998, is a government-wide initiative that addresses the Ontario government's overall I & IT requirements. The goal of the Architecture project is to develop a business-driven, Enterprise-wide I & IT Architecture based on the Zachman Framework and it is evolving into a common language for both business and IT.

Mike Miller - NCR Corporation

"Architecture is a Reality at NCR"

NCR's IT Services organization has evolved over many years and has evolved into a mature organization with established processes. This presentation will describe the approach to introducing an enterprise architecture in a large corporation and establishing its key role in the development of quality solutions. NCR Services has defined and populated as overall Strategic Architecture; these processes, policies, deliverables, and models will be displayed and discussed in the context of the Zachman Information Architecture.

Who Is Doing What? - ZIFA '99

David Hay - Essential Strategies

"Alphabet Soup (OO, IE, UML) & The Framework"

Object orientation rules! Based on current titles, one might conclude that object orientation has overturned the world of program design as well as that of systems analysis. What is this object oriented methodology and how is it different from the techniques we have been using for over 29 years? This presentation will discuss how it is different and how it is really the same as that which has been done under the rubric of Information Engineering. In particular, it will describe how UML compares with other object and data modeling techniques.

Frank Kowalkowski - Knowledge Consultants

"The Row 3 Squeeze"

The same pressures that impact business impact the Zachman Framework for Enterprise Architecture. Different business situations require emphasis on specific Framework cells with an eye to the entire Framework. Each configuration of cells represents a specific IT solution or response for the business. This focus on specific cells in the Framework effects the resources for systems. It impacts the priority of artifacts, skills needed, and funding. This presentation discusses how to position and focus the lens on the cells of opportunity and assess corresponding impact on IT resources.

Who Is Doing What? - ZIFA '99

Stuart Macgregor - South African Breweries

"A Model Approach to SAP R/3 Implementations"

South African Breweries Information Resource Management team is recognized as an industry leader in the IRM field. Gartner Group research finds that clients approaching the new century's information requirements by incorporation knowledge management into their enterprise transformation programs will react to business opportunities 50% faster than firms using either approach independently and twice as fast as firms that use neither approach. The IRM process is positioned to make this strategic assumption a reality at SAB.

Dean Boyer- onehealthbank.com

and Len Silverston - Universal Data Solutions

"Framework Innovation Changing Healthcare"

The healthcare transaction system in this country has not kept pace with the latest changes in technology. onehealthbank.com is addressing this void by using the Zachman Framework to architect an Internet point-of-service settlement system that brings the Patient, Provider, and Payer together at the point-of-care. Applying the Framework to understand the artifacts within the health care industry has enabled us to dynamically deliver customizable functions from pre-assembled components.

Who Is Doing What? - ZIFA '99

Richard Martin - Tinwisle

Edward Robertson - Indiana University

"Formalization of Multi-Level Zachman Frameworks"

This presentation depicts the Zachman Enterprise Architecture model as a tree of frames. Each frame is the familiar interrogative grid, each cell of the grid contains, recursively, additional frames down to leaves. The formalism also provides mechanisms for connecting framework components down through the recursive levels of detail and down through the grid categories of roles. While the tree of frames expresses the structure of a framework model, these connections express the framework's meaning.

Gladys Lam - Business Rule Solutions

Karel VanCampennout - American Bureau of Shipping

"Creating 02K Using the Framework & Business Rules"

The American Bureau of Shipping (ABS) launched a project in 1998 to re-engineer its world wide core business process to survey/inspect ships. ABS selected a Framework-based business rule methodology developed by Business Rule Solutions, Inc. to organize and guide its requirements development process. This presentation describes the successes ABS has achieved in using the Framework and the business rule approach, and shares some of the lessons learned.

Who Is Doing What? - ZIFA '99

Warren Selkow - Selkow & Associates

"Zacharoni & Rossini - A Case Study"

Every business is driven and controlled by rules, either published or tacitly understood. Some rules are clearly understood by all; others are not understood by anyone. An organization whose rules are clearly understood has a clear competitive advantage and always seems to be 1 or 2 steps ahead of its competition. Why? This presentation will follow the merger - trials, failure and success - or the R & S Pizza and Pasta Company as management learns how business rules influence and control the ability to operate and succeed.

John Hall - Model Systems Europe

"E-Commerce Impact on Enterprise Models"

This presentation examines the impact on various columns of Enterprise models at Row 2/3 of the Framework, resulting from a major E-Commerce implementation of a large European financial services organization.

Who Is Doing What? - ZIFA '99

Harry Williford - Allstate Insurance

"Models, Models and More Models"

Throughout Allstate Insurance Company's 15 years of data and process modeling, the tools, approaches, and people have changes - but the models have lived on! This presentation describes the ongoing journey to develop data management practices targeted at both the project and enterprise levels - assisted by the Zachman Framework. Through the help of infrastructure funding and a strong vision, Allstate has matured its standards and processes and achieved its vision of an enterprise-wide capability for managing information.

Who Is Doing What? - ZIFA '00

Clive Finkelstein - Information Engineering Systems Corp.

"Enterprise Architecture and e-Business"

Project plans for most cells of the Zachman Framework can be derived directly from data models on entity dependency methods. The use of modeling tools for automatic generation of Enterprise Architecture Project Plans is discussed for two real-life projects: a regional bank and a government department.

Adriaan Cottrell and Tammy Lenox - Glaxo Wellcome

"Developing an Enterprise Architecture at Glaxo Wellcome"

When three major business areas consolidated into a single division several years ago, it was clear that the traditional way of running GW business was changing. The new organization required timely access to high quality information to insure success. To achieve this an 'architected' approach was identified as essential in meeting the new business needs. Over the past year, we have commenced the development of an enterprise architecture using the Zachman Framework.

Ed Kera - The MITRE Corporation

"Architectures ... Principles with Which We Build Things."

Principles - not standards - make system development a success. Though the architecture efforts of Air Mobility Command as an example, this session presents key concepts that make system development a success in the government or industry.

Who Is Doing What? - ZIFA '00

Robert Rencher and Jo Meador - The Boeing Corp.

"Using the Zachman Framework to Put Boeing Online"

The Boeing Company has embarked on an aggressive schedule to enable its customers and suppliers access to digital content via the world wide web. This presentation will address the issues, problems, challenges and the successful approach through which Boeing provided millions of digital images and terabytes of content worldwide.

Barbara von Halle and Janet Wall - Knowledge Partners, Inc.

"Radical Thinking: The Next Step for Enterprise Arch."

Was the Framework ahead of its time? Perhaps ... until now. This presentation takes the Zachman Framework one step further by dissecting Enterprise Architecture along three column boundaries: What, Motivation and How. It applies old and new theory to all three pieces, marrying the best of historical approaches. It dares to separate the pieces cleanly - then integrates them back together.

Rob Thomas - U.S. Customs

"U.S. Customs Service Enterprise Architecture"

In less than a year, the U.S. Customs Service completed an Enterprise Architecture recommended by the General Accounting Office. This session presents the four key steps used in building an Enterprise Architecture Management Capability: 1. Define Arch. Strategy, 2. Define Arch. Process, 3. Define Arch. Approach, 4. Develop the Architecture.

Who Is Doing What? - ZIFA '00

Ronald G. Ross - Business Rules Solutions

"Business Rules: The Common Factor"

For IT and business managers alike, the challenges of a company's headlong assault on the information age are many. Among the most significant is how to achieve more adaptive business processes. Is there a common factor? Yes - Business Rules! This presentation defines business rules, outlines what you need to do to organize and manage your business rules, explores where business rules fit into the Framework, and shows what the payoffs for your company will be.

William E. Darlage - Ohio Bureau of Workers Compensation

"Implementing Large Info. Sys. Based on the Zach. Fmwk."

The Ohio Bureau of Workers' Compensation is implementing two large information systems using a methodology and development environment designed to be consistent with the Framework. Mr. Darlage will present the results of their experience from an IT and a customer perspective.

Mike Trus - General Motors

"Architecture at e-GM"

One of the most ambitious undertakings at General Motors is the e-GM effort. Not only is e-GM transforming the General Motors buying experience, it is also transforming the business. Mike, one of the founding technical executives of the e-GM effort, will discuss how architecture played a key roll at e-GM, and why it is a key element across all businesses.

Who Is Doing What? - ZIFA '00

Keri Healy - Model Systems Corporation

"Framework 101 - The Fmwk. in an Academic Curriculum"

"When will the Framework be used in an academic curriculum?" is a frequent question at previous ZIFA conferences. The answer is: Today! In the Data Resource Management Certificate Program of the Univ. of Wash., students learn how to develop and manage company-wide data resources, define data standards and policies, and integrate multiple data resources for organization-wide use - all within the context of the Zach. Fmwk. Begun in the early '90's as a classroom-based program for working professionals, it has been extended for delivery as a Distance Learning offering.

Andres Perez - USAA

"Pouring the Foundation for the Information Age"

USAA, a customer driven company for over 70 years, has aggressively responded to the challenges brought about by the Information Age. USAA recognized that data integrity compromises made through the years, in a furious attempt to develop the needed IT applications, had resulted in an unmanageable data replication environment. The cost of not managing data clearly exceeded the company's 'pain threshold.' Since 1997, USAA has been working on the development and deployment of capabilities that will allow it to effectively manage its data resources; this presentation shares those experiences.

Who Is Doing What? - ZIFA '00

Bill Smith - William G. Smith & Associates

"The Form and Content of Column 1 Cells and Cell - to - Cell Transformations Moving North to South"

This presentation shows a well-developed, time-tested and practical interpretation of the Framework to specify the exact content of Column 1 Cells, the rules that are used to qualify each component, and the formal definitional template for each component in each cell. We will also cover the basic transform techniques used to transform the content of a northerly cell into the content of its southerly neighbor.

Mike Miller - NCR

"ADML - Architecture Definition Markup Language"

This is a demonstration of NCR's use of ADML for translating between cells of the Zachman Framework.

Stan Locke - Metadata Systems Software

"The Framework for Enterprise Architecture Handbook"

This is a demo of the long-awaited Zachman "book" as a multi-media type product ... due to be released by year-end.