



COMPUTING INTEGRITY

INCORPORATED

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PROGRESS

Application Partner

Thomas Mercer-Hursh Progress Experience and Skills

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PROGRESS APPLICATION PARTNER

- Progress Application Partner since 1986. May be oldest partner still under original management.
- Designed, developed, and sold Integrity/Solutions, an ERP solution, consisting of over 1.75 million lines of Progress ABL code.
- Supported customers since 1986 with new code development, code modifications, database administration, general system administration, hardware specification, and operational policies.
- Innovated numerous operating efficiencies for core operations which allowed a customer to grow from \$5M to \$50M with no increase in operations staff.
- Designed and developed a unique Nursery Management system based on Bill of Material principles.
- Designed, developed, and implemented an integrated Warehouse Management system leading to substantial improvements in warehouse productivity.
- Designed and developed a unique Royalty Contracts module which exceeds the capabilities of the leading vertical market packages for publishers.
- Designed and developed an extensive Sales Analysis application with integration to Actuate reporting.
- Designed and developed a rich General Ledger application used by the nation's largest non-profit employment training provider.
- Designed and developed Bill of Materials and Final Assembly modules for use in light manufacturing.
- Designed and developed numerous enhancements for Inventory Control, Order Processing, Purchasing, Accounts Payable, and Accounts Receivable.

TOOL DEVELOPMENT

- Creator of the ABL2UML tool for creating UML Component Diagrams directly from legacy ABL code.
- Creator of the ABL Profile for UML.
- Designed and created the Specification-Driven Development tool for writing ABL applications. Used for over 1 million lines of Integrity/Solutions. This tool provides productivity as high as 1000 lines of code per programmer per hour, ready for integration testing.
- Published framework classes illustrating new object-oriented principles in Progress ABL which have been adopted in other production ABL systems.
- Founder of the OpenEdge Reference Architecture Open Source Initiative.
- Recognized leader in Object Oriented principles for ABL systems.
- Active Beta test participant for recent Progress releases.

COMMUNITY DEVELOPMENT

- Largest contributor life to date for the Progress Software Developers Network on-line forums. Recognized by Progress Software with Participation award at Exchange 2008 conference.
- Major contributor to Progress E-mail Group (PEG) and ProgressTalk forums. Nominee for PEGger of the year in 2008.
- Well regarded presenter at Exchange conferences.
- Founder of the OpenEdge Hive website for sharing code and information for the Progress community.

SELECTED RECENT PROGRESS-RELATED PUBLICATIONS

- 2009 Specification for Analyst “Bill of Materials” XML Output.
- 2008 UML Profile for ABL Import of Dictionary Information - Limitations on Current Implementation.
- 2008 The Transformation Triangle.
- 2007 OERA Strategies: Object-Oriented or Not?
- 2007 Modeling Existing ABL Systems with UML.
- 2007 UML Profile for ABL.
- 2007 OOABL Futures.
- 2006 ESB As An Application Architecture.
- 2006 Collection and Map Classes for OOABL (Includes Code).
- 2006 Replacing A Session SuperProcedure With A Class In OOABL (Includes Code).
- 2006 Exception and Condition Handling Classes (Includes Code).
- 2006 Application Transformation Through Parser-Driven Model Extraction And Model-Driven Architecture Technologies.
- 2006 Harvesting Editor.
- 2006 Hungarian Notation for OOABL.
- 2006 Cooperating Threads of Execution.
- 2006 Data Access Layer Classes.
- 2005 Summary Use Case for Multi-threading Progress Sessions.
- 2005 SOA/ESB As An Application Architecture Model.
- 2005 Thoughts on Data Access and Persistence in OOABL.