

Artigo	Contribution Type	Focus Area	Research Type
A Gap-Analysis-based Framework for Evolution and Modernization (2012)	Process	Approach to modernize legacy systems to another platform/architecture	Evaluation research: E Conceptual proposal
An empirical comparison of static and dynamic business process mining (2011)	Process E TOOL	Approach to support business process	Evaluation research: E Experience paper: E Solution proposal:
Crossing the boundaries while analyzing heterogeneous component-based software systems (2011)	Process E TOOL	Approach to modernize legacy systems to another platform/architecture	Evaluation research: E Experience paper:
Integrating event logs into KDM repositories	Metamodel E Model transformation	Extension of ADM's metamodels	Evaluation research:
Process mining through dynamic analysis for modernising legacy systems (2012)	Metamodel Process E	Approach to support business process	Evaluation research: E

	TOOL E Model transformati on		Solution Proposal
A Component-Oriented Metamodel for the Modernization of Software Applications (2011)	Metamodel E TOOL E Model transformati on	Extension of ADM's metamodels	Evaluatio n research: Solution Proposal
A family of case studies on business process mining using MARBLE (2012)	TOOL E PROCESS E Model transformati on	Approach to support business process	Evaluatio n research: E Experienc e paper:
A Model Driven Modernization Approach for Automatically Deriving Multidimensional Models in Data Warehouses (2007)	PROCESS E Model transformati on	Approach to modernize legacy systems to another platform/architect ure	Conceptu al proposal:
An ADM Approach to Reengineer Relational Databases towards Web Services (2007)	PROCESS E Model transformati on	Approach to modernize legacy systems to another platform/architect ure	Evaluatio n research
An Extensible	TOOL	Approach to	Evaluatio

Architecture for Detecting Violations of a Cloud Environment's Constraints During (2011)	E PROCESS	modernize legacy systems to another platform/architecture	n research E Solution proposal:
Automatic conformance checking for migrating software systems to cloud infrastructures and platforms (2012)	TOOL E PROCESS	Approach to modernize legacy systems to another platform/architecture	Evaluatio n research E Opinion Paper
Database schema elicitation to modernize relational databases (2012)	Process E Tool E Model transformati on	Approach to modernize legacy systems to another platform/architecture	Evaluatio n research
Extracting Business Rules from Existing Enterprise Software System (2012)	Process	Approach to support business process E Extension of ADM's metamodels	Evaluatio n research
Harmonized and Reversible development framework for HLA based interoperable (2011)	Process	Approach to modernize legacy systems to another platform/architecture	Conceptu al proposal: E

			Opinion paper
Implementing Business Process Recovery Patterns through QVT Transformations (2010)	PROCESS	Approach to support business process	Evaluation research
MoDisco- A generic and extensible framework for model driven reverse engineering (2010)	TOOL	Approach to modernize legacy systems to another platform/architecture	Conceptual proposal:
PRECISO- A reengineering process and a tool for database modernisation through web services (2009)	PROCESS E TOOL	Approach to modernize legacy systems to another platform/architecture	Evaluation research: E Experience paper: E Solution proposal:
A model-driven process for the modernization of component-based systems (2012)	PROCESS	Approach to modernize legacy systems to another platform/architecture	Evaluation research: E Experience paper: E Solution proposal:
An Architecture-Driven Modernization Tool for Calculating Metrics (2010)	TOOL E METRICS E Model transformation	Applicability	Evaluation research:

	on		
An overview of the knowledge discovery meta-model (2012)	PROCESS	Applicability	Opinion Paper
MARBLE. A Business Process Archeology Tool (2011)	PROCESS E Model transformation	Approach to support business process	Evaluation research:
Empirical Assessment of Business Model Transformations Based on Model Simulation (2012)	Model transformation	Approach to support business process	Evaluation research:
Knowledge Discovery Metamodel-ISO IEC 19506 (2011)	Model transformation	Applicability	Conceptual proposal:
MIGROS: A Model-Driven Transformation Approach of the User Experience of Legacy Applications (2012)	Model transformation E Process	Approach to modernize legacy systems to another platform/architecture	Conceptual proposal:
MIMOS. System Model-Driven Migration Project (2013) AQUI	PROCESS E TOOL E MODEL transformation	Approach to support business process	Experience paper:
Modernization of Legacy Web Applications into Rich Internet Applications? (2011) AQUI	PROCESS E Tool E Model transformation	Approach to modernize legacy systems to another platform/architecture	Solution proposal
On the use of ADM to Contextualize Data on Legacy Source Code for Software Modernization (2009) AQUI	Model transformation E PROCESS	Approach to modernize legacy systems to another platform/architecture	Opinion Paper

<p>PRESSWEB: A Process to Reengineer Legacy Systems towards Web Services (2007)</p> <p>AQUI</p>	<p>PROCESS</p>	<p>Approach to modernize legacy systems to another platform/architecture</p>	<p>Opinion Paper</p>
<p>Reconstructing Architectural Views from Legacy Systems (2012)</p> <p>AQUI</p>	<p>Model transformation</p> <p>E</p> <p>PROCESS</p>	<p>Approach to modernize legacy systems to another platform/architecture</p>	<p>Evaluation research:</p>