1. Record Nr. UNISA996393956703316

Autore	Locke John <1632-1704.>
Titolo	Two treatises of government [[electronic resource]] : in the former, the false principles and foundation of Sir Robert Filmer and his followers are detected and overthrown, the latter is an essay concerning the true original, extent, and end of civil government
Pubbl/distr/stampa	London, : Printed for Awnsham Churchill ..., 1690
Descrizione fisica	[12], 271, [i.e. 467] p
Soggetti	Political science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Attributed to John Locke. Cf. DNB. Later published as: Two treatises of civil government. Reproduction of original in Union Theological Seminary Library, New York.
Sommario/riassunto	eebo-0160

2. Record Nr. UNINA9910716593603321

Titolo	Muscle Shoals. Letter addressed to Senator Charles S. Deneen by the Secretary of War ... in response to his request regarding the proposed offer of the Farmers' Federated Fertilizer Corporation for the Muscle Shoals project together with an analysis of the proposed offer and a detailed analysis by Lieut. Col. M.C. Tyler, Corps of Engineers ... Presented by Mr. Deneen. January 6, 1927. -- Ordered to be printed
Pubbl/distr/stampa	[Washington, D.C.] : , : [U.S. Government Printing Office], , 1927
Descrizione fisica	1 online resource (67 pages) : tables
Collana	Senate document / 69th Congress, 2nd session. Senate ; ; no. 189 [United States congressional serial set] ; ; [serial no. 8712]
Altri autori (Persone)	DeneenCharles Samuel <1863-1940> (Republican (IL)) TylerM. C
Soggetti	Advisory boards Bonds Dams Fertilizer industry Government contractors Hydroelectric power plants Hydroelectric power plants - Brazil Incorporation Leases Public contracts Water-power Maintenance Repairing Legislative materials.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Batch processed record: Metadata reviewed, not verified. Some fields updated by batch processes. FDLP item number not assigned.

3.	Record Nr.	UNINA9910349269903321
	Autore	Meroni Giovanni
	Titolo	Artifact-Driven Business Process Monitoring : A Novel Approach to Transparently Monitor Business Processes, Supported by Methods, Tools, and Real-World Applications / / by Giovanni Meroni
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
	ISBN	3-030-32412-5
	Edizione	[1st ed. 2019.]
	Descrizione fisica	1 online resource (170 pages)
	Collana	Lecture Notes in Business Information Processing, , 1865-1356 ; ; 368
	Disciplina	658.054
	Soggetti	Application software Information technology - Management Cooperating objects (Computer systems) Computer and Information Systems Applications Business Process Management Cyber-Physical Systems
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	1 Introduction -- 1.1 Motivations -- 1.2 Research Challenges -- 1.3 Research Questions -- 1.4 Major Contributions -- 1.5 Book Structure -- 2 Related Work -- 2.1 Business Process Monitoring -- 2.1.1 Process Monitoring Based on Sensor Data -- 2.1.2 Event Data Logging -- 2.1.3 Business Activity Monitoring -- 2.1.4 Conformance and Compliance Checking -- 2.2 Declarative Languages -- 2.2.1 Constraint-based Languages -- 2.2.2 Artifact-centric Languages -- 2.2.3 Case Management Languages -- 2.2.4 Imperative to Declarative Model Translators -- 2.3 The Internet of Things -- 2.3.1 Enabling technologies of the IoT -- 2.3.2 Ontologies for the IoT -- 2.3.3 Synergies between the IoT and BPM -- 3 Artifact-driven Process Monitoring Overview -- 3.1 Motivating Example -- 3.2 Introducing Artifact-driven Process Monitoring -- 3.3 Reference Architecture -- 3.4 Summary -- 4 E-GSM: an Artifact-centric Language for Process Monitoring -- 4.1 The Guard-Stage-Milestone Artifact-centric Language -- 4.2 Extending GSM -- 4.3 Assessing the severity of

Constraints Violations -- 4.4 E-GSM Expressiveness -- 4.4.1 Activity Exclusion -- 4.4.2 Activity Overlap -- 4.4.3 Responded Existence -- 4.4.4 Constrained Iteration -- 4.5 Summary -- 5 A Method to Easily Configure the Monitoring Platform -- 5.1 Steps -- 5.1.1 Enriching the BPMN Process Model With Artifacts -- 5.1.2 Extracting the Artifact-oriented Process View -- 5.1.3 Generating the E-GSM Process Model -- 5.1.4 Generating the E-GSM Artifact Lifecycle Model -- 5.1.5 Generating the Artifact-to-object Mapping Criteria -- 5.2 Proof of Correctness -- 5.2.1 Trace Conformance -- 5.2.2 Execution Flow Alignment -- 5.2.3 Artifact Lifecycle Alignment -- 5.3 Summary -- 6 Assessing and Improving Process Monitorability -- 6.1 Formalizing the Capabilities of the Smart Objects -- 6.1.1 Smart Objects Ontology -- 6.1.2 State Detection Rules Ontology -- 6.2 Problem Setting -- 6.3 Process Monitorability Assessment -- 6.4 Process Monitorability Improvement -- 6.4.1 Process model improvement -- 6.4.2 State detection rules improvement -- 6.4.3 Infrastructure improvement -- 6.5 Summary -- 7 Implementing and Evaluating Artifact-driven Process Monitoring -- 7.1 SMARTifact: an Artifact-driven Monitoring Platform -- 7.2 Simulated Environment -- 7.3 Field Evaluation -- 7.4 Summary -- 8 Conclusions -- 8.1 Answers to the Research Questions -- 8.2 Achievements in Runtime Process Monitoring -- 8.3 Achievements in the Integration Among BPM and IoT -- 8.4 Current Limitations and Future Work -- A Criteria to Evaluate the Integration Among BPM and IoT -- A.1 Placing sensors in a process-oriented way (IC1) -- A.2 Monitoring manual activities (IC2) -- A.3 Connecting analytical processes with the IoT (IC3) -- A.4 Exploiting the IoT to do process correctness check (IC4) -- A.5 Dealing with unstructured environments (IC5) -- A.6 Managing the links between micro processes (IC6) -- A.7 Breaking down end-to-end processes (IC7) -- A.8 Detecting new processes from data (IC8) -- A.9 Specifying the autonomy level of smart objects (IC9) -- A.10 Specifyingthe socialroles of smart objects (IC10) -- A.11 Concretizing abstract process models (IC11) -- A.12 Dealing with new situations (IC12) -- A.13 Bridging the gap between process-based and event-based systems (IC13) -- A.14 Improving online conformance checking (IC14) -- A.15 Improving resource utilization optimization (IC15) -- A.16 Improving resource monitoring and quality of task execution (IC16) -- B BPMN to E-GSM Translation Proof of Correctness -- B.1 Process Model -- B.1.1 Data Component -- B.1.2 Blocks -- B.1.3 Process Model -- B.2 Trace Conformance -- B.3 Conformance Preservation of the Translation -- References.

Sommario/riassunto

This book proposes a novel technique, named artifact-driven process monitoring, by which multi-party processes, involving non-automated activities, can be continuously and autonomously monitored. This technique exploits the Internet of Things (IoT) paradigm to make the physical objects, participating in a process, smart. Being equipped with sensors, a computing device, and a communication interface, such smart objects can then become self-aware of their own conditions and of the process they participate in, and exchange this information with the other smart objects and the involved organizations. To allow organizations to reuse preexisting process models, a method to instruct smart objects given Business Process Model and Notation (BPMN) collaboration diagrams is also presented. The work constitutes a revised version of the PhD dissertation written by the author at the PhD School of Information Engineering of Politecnico di Milano, Italy. In 2019, the PhD dissertation won the “CAiSE PhD award”, granted to outstanding PhD theses in the field of Information Systems Engineering.
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