1.	Record Nr.	UNINA9910767556403321
	Titolo	COTS-Based Software Systems : 4th International Conference, ICCBSS 2005, Bilbao, Spain, February 7-11, 2005, Proceedings / / edited by Xavier Franch, Dan Port
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2005
	ISBN	3-540-30587-4
	Edizione	[1st ed. 2005.]
	Descrizione fisica	1 online resource (XVI, 312 p.)
	Collana	Programming and Software Engineering, , 2945-9168 ; ; 3412
	Altri autori (Persone)	FranchXavier PortDan
	Disciplina	005.1
	Soggetti	Electronic data processing - Management Software engineering Information technology - Management IT Operations Software Engineering Computer Application in Administrative Data Processing
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Panels -- COTS Component-Based Embedded Systems – A Dream or Reality? -- Free and Proprietary Software in COTS-Based Software Development -- Workshops -- 2nd International Workshop on Incorporating COTS into Software Systems: Assessment and Prediction of Behavior and QoS Attributes of COTS Software Components and Systems -- Challenges of COTS IV & V -- Tutorials -- The COTS Product Market: An EU Legal Perspective -- Composable Spiral Processes for COTS-Based Application Development -- Posters -- Heterogeneous COTS Product Integration to Allow the Comprehensive Development of Image Processing Systems -- A Contextualized Study of COTS-Based E-Service Projects -- Quality of Service Profiles in Web Service Discovery -- Decision on Replacing Components of Security Functions in COTS-Based Information Systems -- Best Papers -- Best Paper Award 2004: Characterization of a Taxonomy for Business Applications and the Relationships Among Them -- Using Earned Value

Management for COTS-Based Systems: Issues and Recommendations -- COTS at Business -- Business Process Definition Languages Versus Traditional Methods Towards Interoperability -- The Necessary Legal Approach to COTS Safety and COTS Liability in European Single Market -- COTS Acquisition: Getting a Good Contract -- Integration and Interoperability -- Specifying Interaction Constraints of Software Components for Better Understandability and Interoperability -- Resolving COTS System Assessment Clashes -- COTS Components and DB Interoperability -- Evaluation and Requirements -- On Goal-Oriented COTS Taxonomies Construction -- Assets and Liabilities of Organizational Trust: COTS Software Adoption in Government Projects -- Filtering COTS Components Through an Improvement-Based Process -- Enabling the Selection of COTS Components -- A Method for CompatibleCOTS Component Selection -- One Global COTS-Based System to Replace 20+ Local Legacy Systems -- Using Goals and Quality Models to Support the Matching Analysis During COTS Selection -- Safety and Dependability -- Addressing Malicious Code in COTS: A Protection Framework -- Protective Wrapping of Off-the-Shelf Components -- An Automated Dependability Analysis Method for COTS-Based Systems -- Integration and Interoperability -- Loose Integration of COTS Tools for the Development of Real Time Distributed Control Systems -- Managing Dependencies Between Software Products -- Architecture and Design -- Analysing the Impact of Change in COTS-Based Systems -- Considering Variability in a System Family's Architecture During COTS Evaluation -- An Approach to Analysis and Design for COTS-Based Systems -- Resolving Architectural Mismatches of COTS Through Architectural Reconciliation -- COTS Management -- Reuse of Existing Software in Space Projects — Proposed Approach and Extensions to Product Assurance and Software Engineering Standards -- Ten Signs of a Good Reuse Management Plan -- Preliminary Results from a State-of-the-Practice Survey on Risk Management in Off-the-Shelf Component-Based Development -- Open Source Software (OSS) -- Managerial and Technical Barriers to the Adoption of Open Source Software -- COTS and Open Source Software Components: Are They Really Different on the Battlefield?.

| Sommario/riassunto | The theme "Build and Conquer" chosen for this year's conference fully represents what we (the organizers) want to put across to the software community: software development is an engineering discipline, and not an artistic expression. Once we are ready to "build" our software systems using pieces previously builtin (similar to any other technology manufacturer), we will be able to "conquer" the software engineering process. If we take a look at other engineering disciplines such as car manufacturing, house appliances or aeronautics, we see that the final products are built through the integration of multiprovider commercial components. These components are successfully integrated and constitute an important part of the final product. Most software-related organizations still build software from scratch, omitting thousands of ready-built commercially available software components that could be used very effectively during the development phase. This year ICCBSS moves to Europe for the first time since the first conference took place in Orlando, FL, USA in 2002. The conference scope has enlarged over the years to include the Open Source community and Web Services technologies. The reason for this is that I believe both are considered components-off-the-shelf, so many of the characteristics of COTS are also applied to Open Source and Web Services. Due to this, we will enjoy the presence of keynote speakers and researchers presenting on these two topics for the first time. |