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Titolo	Ada 2005 Rationale [[electronic resource]] : The Language, The Standard Libraries / / by John Barnes
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ISBN	3-540-79701-7
Edizione	[1st ed. 2008.]
Descrizione fisica	1 online resource (XIII, 267 p.)
Collana	Programming and Software Engineering ; ; 5020
Disciplina	005.13/3
Soggetti	Software engineering Computer programming Programming languages (Electronic computers) Software Engineering/Programming and Operating Systems Programming Techniques Software Engineering Programming Languages, Compilers, Interpreters
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	Object Oriented Model -- Access Types -- Structure and Visibility -- Tasking and Real-Time -- Exceptions, Generics etc. -- Predefined Library -- Containers -- Epilogue.
Sommario/riassunto	Ada 2005 is the latest version of the International Standard for the programming language Ada. Formally, it is an Amendment of ISO/IEC 8652:1995 (E) rather than a completely new standard. The primary goals for the new version were to enhance its capabilities particularly in those areas where its reliability and predictability are of great value. Accordingly, a number of intriguing and attractive ideas have been included and implemented in a coherent manner as appropriate to the level of perfection necessary for the diligent maintenance of a language standard. The Ada 2005 Rationale describes not only the changes from Ada 95 but also the reason for the changes. It starts with an introduction providing a general overview and this is followed by seven chapters focusing on OOP; access types; structure and visibility; tasking and real time; exceptions, generics, etc.; the predefined library; and

containers. The book concludes with an epilogue largely concerned with compatibility issues.
