

Book review

The Representation of Knowledge by W.G. Stock and M. Stock, Oldenbourg Wissenschaftsverlag GmbH, Muenchen, Germany, 2008, flexcover, €36,80, 441 pp., ISBN: 978-3-486-58439-4; URL: www.oldenbourg.de

The representation of knowledge is the science, appliance and exercise of methods and tools to show knowledge in a way, so that this can be searched and found easily in digital databases. It permits the formation of information buildings which – working on a base of terms and term compositions – allows representing knowledge in its coherency of meanings. Without elaborated techniques of the representation of knowledge it is impossible to design the “semantic web”.

This textbook imparts acquaintances about metadata and describes detailed both, documentary approaches as well as approaches as documented in libraries of content development (thesauri and systems of classification), the effort of informatics for term arrangements (ontologies) and user-concentrated developments and user-generated content in web 2.0 (folksonomies). It is about evaluating and providing information in services on the World Wide Web, in intra-corporate information services in context with internal management of knowledge as well as in technical professional (commercial) databases. The book touches also facets classification, citation and automatic indexing, and automatic information extraction.

This book is addressed to information science, information industry and information management students at universities in German-speaking areas as well as to those who study librarianship. Furthermore, managers of knowledge and information in business practice can find useful hints in this book.