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Note generali Description based upon print version of record.

Nota di bibliografia Includes bibliographical references and index.

Nota di contenuto Title Page; Abstract; Acknowledgements; Contents; Part I. Prelude;
Chapter 1. Introduction; Problem statement; Research questions;
Hypothesis; Contributions; Metadata Lifecycle; Thesis structure; Part II.
Foundations; Chapter 2. Research background; Documents as
interlinked knowledge elements; Rhetorical Structure Theory; The
Evolution of the Web; The Social Semantic Desktop; Part III. Core;
Chapter 3. Layered ontological framework; The SALT Layers; The
KonneX Vocabulary; Related work; Conclusion; Chapter 4. Manual
Semantic Authoring and Publishing; The manual creation process;
Evaluation
Related workConclusion; Chapter 5. Towards (semi)-automatic
Semantic Authoring and Publishing; Automatic extraction of shallow
metadata; Automatic extraction of discourse knowledge items; Using
Semantic Publishing for information expansion and visualisation;
Evaluation; Related work; Conclusion; Chapter 6. KonneXSALT - A
Semantic Publishing Platform; KonneXSALT as a semantic claim
federation infrastructure; KonneXSALT as an integrated component of
CORAAL; Related work; Conclusion; Part IV. Conclusions; Chapter 7.
Conclusion and Future Work; Objectives and contributions; Insights
Open challenges and future researchSummary; Bibliography

Sommario/riassunto

Dissemination can be seen as a communication process between scientists. Over the course of several publications, they expose and support their findings, while discussing stated claims. Such discourse structures are trapped within the content of the publications, thus making the semantics discoverable only by humans. In addition, the lack of advances in scientific publishing, where electronic publications are still used as simple projections of paper documents, combined with the current growth in the amount of scientific research being published, transforms the process of finding relevant lite