

Media Meets Semantic Web

How the BBC uses DBpedia and Linked Data to Make Connections

Andreas Müller

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Technische Universität Berlin

TABLE OF CONTENTS

1. Problem
2. Objectives
3. Interlinking of concepts
4. Interlinking of documents
5. Content Link Tool
6. Conclusion

Problem

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Large amounts of BBC online content: **TEXT, AUDIO, VIDEO**

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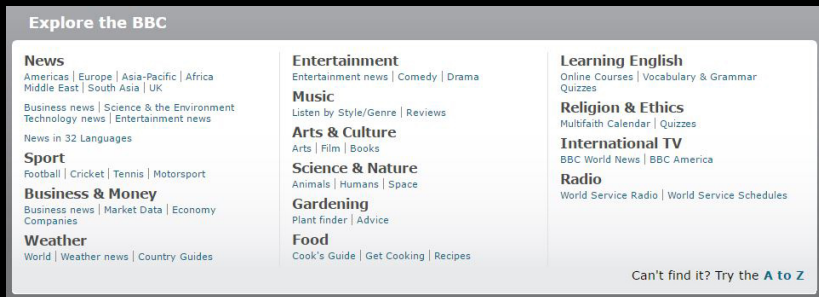


Figure 1: BBC microsites in June, 2009

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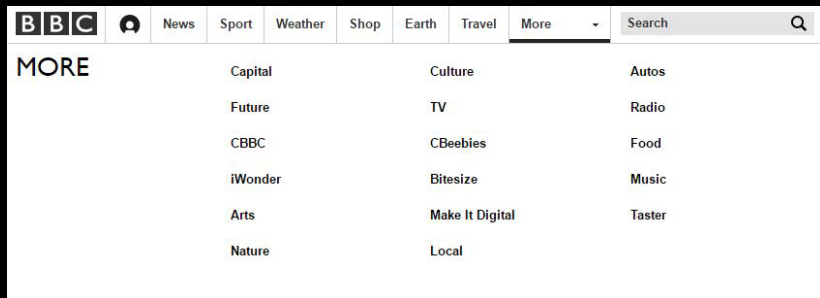


Figure 2: BBC microsites in June, 2017

PROBLEM

Not possible to...

Find **everything**, BBC has
published to a given subject

Navigate between BBC domains
following a **semantic thread**

Objectives

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Interlinking of concepts

Legacy auto-categorization system: CIS

Limits:

- Difficult to cover every single entity
- No relations between terms are available
- Only internal identifiers

Common Vocabulary: **DBpedia**

Interlinking of documents

Identify main actors in a piece of content: **Muddy Boots**

Content Link Tool

Annotation tool to manually edit metadata
High quality automated suggestions

Conclusion

CONCLUSION

User experience in the center of efforts

Smart interlinking to internal and external resources

Well integrated and hidden systems

Thanks for your attention!

Questions?



G. Kobilarov, T. Scott, Y. Raimond, S. Oliver, C. Sizemore, M. Smethurst, C. Bizer, and R. Lee.

Media meets semantic web - How the bbc uses dbpedia and linked data to make connections.

Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 5554 LNCS:723–737, 2009.