

The People's Web Meets NLP

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A quick look back

- Work on using collaboratively constructed resource started in the mid 2000s
- Great accomplishments
 - Spawned a line of research with **hundreds of papers**
 - **very active community** - cf. this workshop and WikiAI
 - **still popular topic** - cf. our forthcoming AIJ special issue (71 submitted papers!)

A quick look back (continued)

- Most contributions focused on Wikipedia ...
- ... BUT later moved on to exploit other resources like Wiktionary, Twitter, games with a purpose, etc.
- The result is a **vast body of work on harvesting structured knowledge and using it for many complex AI and NLP tasks**
- **WHAT COMES NEXT ?!**

Resource linking and integration

- We have at the moment so many high-quality resources which are based on CCLRs, e.g.
 - BabelNet
 - UBY
 - YAGO
- Key questions:
 - Are these resources complementary?
 - Can we automatically combine them to improve coverage and quality of ALL of them?

Applications, applications, applications!

- More work on **high-end applications!**
 - Machine Translation
 - Search / Information Retrieval
 - Content management
- In **many different languages**