– Conférence invitée 2 –

Information access in practice : case studies at Thomson Reuters

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• Bio

Isabelle Moulinier is a research scientist at Thomson Reuters corporate R&D group. Since joining the group 15 years ago, her research interests have focuses on the application of information retrieval, natural language processing and machine learning technologies to the improvement of search and other aspects of the user experience. Prior to joining Thomson Reuters, she worked on text categorization at IBM's Paris Research Center and obtained her PhD from Université Paris 6.

• Abstract

In the span of not so many years, Thomson Reuters products went from books to standalone applications to products that integrate closely with professional workflows. Just like Web search, professional search has evolved beyond keyword search and navigation, annotation and collaboration tools have become important features expected by professional users.

In the main part of my talk, I will present the evolution of Thomson Reuters legal search products, from Boolean search to machine learning based ranking, including some of the challenges we face with data driven methods. In the second part of my talk, I will turn my focus to technologies that support content annotation and their use in navigation. I will briefly showcase Reuters Insider, a product that allows financial professionals to navigate videos through marked up entities. From an R&D perspective, I ?ll outline some challenges posed by data driven methods, especially with respect to the demands of user perception.