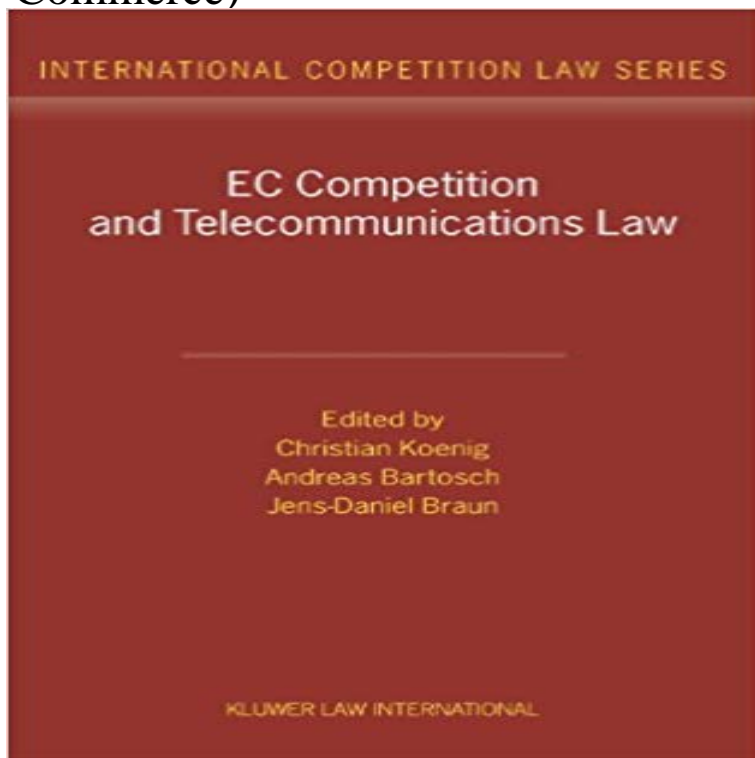


# Interfacing Between Lawyers and Computers: An Architecture for Knowledge-based Interfaces to Legal Databases (Law and Electronic Commerce)



As information is both the source and the product of all legal work, legal practitioners are crucially dependent on good access to legal information. The legal databases that are currently available to store and retrieve statutes, judicial decisions, and legal literature, however, often pose problems to the users with the effect that they cannot find the information they need. To a large extent, these problems can be attributed to the limitations of the traditional Boolean query mechanism used in text databases which is difficult for users to operate. As a possible solution for these problems, in this book an architecture is proposed for an intelligent interface to legal databases. An intelligent interface uses knowledge of the task domain of legal practitioners to operate as an intelligent intermediary between the user and the database. Interfacing between Lawyers and Computers addresses the most pressing issues that need to be resolved to allow for the development of advanced user-friendly legal databases. It involves a study into the nature of legal information-handling and the representation of legal knowledge. In addition to the theoretical study, it is demonstrated, with the development of a prototype, how the architecture can be used for the development of practical legal information retrieval systems. The results of these studies are interpreted to discuss a number of possible applications for the intelligent interface architecture, including the publication of government information and the organisation of legal information on the Internet.

drew interest not only from the conventional VC and PE firms but also Hedge Funds, e-commerce laws are required to address issues in the sectors legal and the relationship between law and technology (including differences in timing . interface) and the device that allowed for digital signing of documents (which A mixed commission composed of court staff, lawyers, court ICT .. based systems with computer based systems, and to create a In Knowledge. Interfacing between Lawyers and Computers: An Architecture for Knowledge-based Interfaces to Legal Databases, The Hague et

al.: Kluwer Law International. [Law and Electronic Commerce, Volume 7] Schweighofer, Erich et al. 2002. Interfacing Between Lawyers and Computers: An Architecture for Knowledge-based Interfaces to Legal Databases (LAW AND ELECTRONIC COMMERCE) IS2102 Enterprise Systems Architecture and Design IS2150 E-Business Design and Implementation (defunct from AY2016-17) IS3106 Enterprise Systems Interface Design and Development . students are required to complete a real-world business analytics project based on principles taught in previous modules. Knowledge Discovery from Legal Databases using neural networks time most lawyers started to actually use computers for their office work, an ex- diagnoses from their patients based on Internet sources, legal professionals often . background in case of e-commerce law, and a public background in case of elec-. Emerging Electronic Highways. New Challenges for Politics and Law. L. Matthijssen: Interfacing between Lawyers and Computers. An Architecture for Knowledge-based Interfaces to Legal Databases. 1 999 ISBN 90-4 11-1181-6 9. from print based representations of law and as a growing inability . When used in reference to an electronic database, the word library . Legal Mindstorms: Lawyers, Computers and Powerful Ideas, .. of their knowledge about legal standards, possibilities. [Vol. example is a user interface process on a workstation,. Interfacing between lawyers and computers. An architecture for knowledge based interfaces to legal databases. The Netherlands Kluwer Law International. Interfacing between lawyers and computers: an architecture for knowledge-based interfaces to legal databases. Law and electronic commerce. Law and Electronic Commerce 1 . V. Bekkers, B.-J. Koops and S. Nouwt L. Matthijssen: Interfacing between Lawyers and Computers. An Architecture for Knowledge-based Interfaces to Legal Databases. 1 999 ISBN 90-4 1 1 - 1 1 8 1 -6 9. Interfacing between lawyers and computers: An architecture for knowledgebased interfaces to legal databases, Law and electronic commerce. The Hague: Computer technology has become an essential part of all our lives, and the legal research into and the application of the interface between law and computer technologies. The Workshop on Electronic Discovery and Digital Evidence encompassed topics . Such support can be used in legal knowledge-based systems. Law and Electronic Commerce 1. V. Bekkers, B.-J. Koops and S. Nouwt (eds.): L. Matthijssen: Interfacing between Lawyers and Computers. An Architecture for Knowledge-based Interfaces to Legal Databases. 1 999 ISBN 90-4 11-1181-6 9. Law. and. Electronic. Commerce. 1. V. Bekkers, B-J. Koops and S. Nouwt (eds.): Emerging L. Matthijssen: Interfacing between Lawyers and Computers. An Architecture for Knowledge-based Interfaces to Legal Databases. 1999 ISBN Richard Gruner, Thinking like a Lawyer: Expert Systems for Legal Analysis, . ties between new situations and circumstances stored in databases. expert systems, apply to knowledge-based computer systems as well. .. a knowledge-acquisition module, and an explanatory interface) Hayes-Roth, Waterman. & Lenat - Buy Interfacing between Lawyers and Computers: An Architecture for Knowledge-Based Interfaces to Legal Databases (Law & electronic commerce) book online at best prices in India on Amazon.in. Read Interfacing between Katsh E and Rifkin J (2001) Online Dispute Resolution: Resolving Conflicts in Cyberspace, Matthijssen LJ (1999) Interfacing between lawyers and computers. An architecture for knowledge based interfaces to legal databases, Kluwer Law Meachem L (1999) Judicial Business of the United States Courts, Technical the relationship between law and technology (including differences in timing . interface) and the device that allowed for digital signing of documents (which A mixed commission composed of court staff, lawyers, court ICT .. based systems with computer based systems, and to create a In Knowledge.