Proposition de recherche doctorale

Privacy aware social network

Mots clés :

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- Ecole doctorale : École Doctorale Informatique, Télécommunications, Électronique de Paris
- Domaine scientifique principal: Divers

Résumé du projet de recherche (Langue 1)

Our society and economy increasingly depends on the Internet as a communication backbone. The Web has become a primary repository of information, easily found thanks to progress in search algorithms and data analysis. Moreover, the new technologies that allow users to easily create original content and annotate existing content, are changing the dynamics of the Web: from being a space with considerably more content consumers than content producers, the Web is becoming a platform where every information consumer is potentially a producer as well. Hence, the huge recent increase in web-based applications carried out on the Internet has accompanied by an exponential amount of data exchanged by the interacting entities through web-services or in social network, such as, virtual communities, and the growth of consumer awareness of their lack of privacy. In fact, as the amount of exchanged information exponentially grows the number of inappropriate usage and leakage of personal data is increasing, privacy has emerged and is becoming one of the most important and the most crucial concerns and challenging issues. It is today one of the major concerns of users exchanging information through the web, including service requesters, service providers, end-user in virtual communities and legislators. Everyone who has purchased anything from the Internet had led the experience of pausing and wondering if is "safe" to enter one's credit card information.

Résumé du projet de recherche (Langue 2)

Clearly, the more one is exposed to new services on the Internet and the varied personal information that is demanded, by theses services, the more one wonders whether the personal information that one enters would be kept safe, or in the social network. The search problem faced by Internet users today is not the lack of information from searches, but the challenge is how the web-based applications are more trustworthy to control the private data usage to keep more confidentiality. More particularly, social-networking sites allow seemingly trivial gossip to be distributed to a worldwide audience, sometimes making people the butt of rumors shared by millions of users across the Internet. Public sharing of private lives has led to a rethinking of our current conceptions of privacy. Existing law should be extended to allow some privacy protection for things that people say and do in what would have previously been considered the public domain. With respect the problem discussed previously, the aim of the thesis is to provide a framework to control the private data usage.

Informations complémentaires (Langue 1)

Le problème de la protection de l’individu est problème qui concerne le monde entier, donc, l’internalisation est totalement abordé dans le sujet de thèse proposé.