Abstract:
Privacy has been a hot topic in research for several years. A lot of different approaches to protect privacy have been proposed recently. Among these are several tools for negotiation of privacy contract. Here we present a privacy negotiation tool that allows mobile service users to negotiate with service providers about the data and their potential recipients, purposes etc. Our tool combines the capabilities of P3P and APPEL in a more dynamic manner. It is backward compatible with P3P and allows interaction between negotiation-enabled clients and static servers as well as between static clients and negotiation-enabled servers. Our measurements are done with a state of the art PDA to show that our framework is suitable for use on mobile devices, i.e. successful negotiations take about 2 sec including message transfer (back and forth) via an 802.11b wireless link.