

Design and implementation of a Jabber Instant Messaging Client

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ABSTRACT

Instant messaging is among the most common forms of electronic communication on the internet. However, it remains hampered by the fact that users of one IM service cannot talk to users of another without signing up and downloading its client.

Allowing users to freely communicate with one another is the goal of this project. The author has made use of Jabber, a suite of IM protocols, to help users overcome the lack of interoperability by developing a Jabber instant messaging client. One notable feature of Jabber is that it allows its users to chat with users on a different IM service. Therefore, a client supporting Jabber would be much more useful than other IM clients.