

Method Comprising One to One Web Based Real Time Communications

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Abstract : Web Real Time Communications is a collection of standards, protocols, which provides real-time communications capabilities between web browsers and devices. This paper outlines the design and further implementation of web real-time communications on secure web applications having audio and video call capabilities. This proposed application may put up a system that will be able to work over both desktops as well as the mobile browser. Though, WebRTC also gives a set of JavaScript standard RTC APIs, which primarily works over the real-time communication framework. This helps to build a suitable communication application, which enables the audio, video, and message transfer in between the today's modern browsers having WebRTC support.

Keywords : WebRTC, SIP, RTC, JavaScript, SRTP, secure web sockets, browser

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