



Realtime Communication with WebRTC: Peer-to-Peer in the Browser

By Salvatore Loreto, Simon Romano

O'Reilly Media, Inc, USA. Paperback. Book Condition: new. BRAND NEW, Realtime Communication with WebRTC: Peer-to-Peer in the Browser, Salvatore Loreto, Simon Romano, Deliver rich audio and video real-time communication and peer-topeer data exchange right in the browser, without the need for proprietary plug-ins. This concise hands-on guide shows you how to use the emerging Web Real-Time Communication (WebRTC) technology to build a browser-to-browser application, piece by piece. The authors' learn-by-example approach is perfect for web programmers looking to understand real-time communication, and telecommunications architects unfamiliar with HTML5 and JavaScript-based client-server web programming. You'll use a ten-step recipe to create a complete WebRTC system, with exercises that you can apply to your own projects. Tour the WebRTC development cycle and trapezoid architectural model Understand how and why VoIP is shifting from standalone functionality to a browser component Use mechanisms that let client-side web apps interact with browsers through the WebRTC API Transfer streaming data between browser peers with the RTCPeerConnection API Create a signaling channel between peers for setting up a WebRTC session Put everything together to create a basic WebRTC system from scratch Learn about conferencing, authorization, and other advanced WebRTC features.



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