

REUNIR: A Prototype for A Smart and Ahead-of-its-time Video Conferencing Web Application

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ABSTRACT

Video chat and video conference applications are widely used, particularly in this wireless and mobile era. However, there hasn't been much use of video chat systems that allow participants to speak/type in other languages. In this research, we suggest a multi-language video call system that allows users to speak/text in several languages. It uses Web Real-Time Communication (WebRTC) and uses online resources, such as Google Web Speech API. Users can join using this browser-based solution from various platforms, including Windows, Linux, or Mac. Users do not have to perform additional tasks because the program leverages WebRTC. We can quickly design and implement the entire system through the WebRTC-based service-oriented architecture.

Keywords: WebRTC, React, API.

How to Cite

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