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The Problem

Many voice-activated phone assistants exist, such as Siri, Google Voice, and Cortana. However, none of them have functionality designed to work while the user is on a phone call. Google Voice comes close, but it still requires exiting the call and pressing buttons.

Our Solution

Our solution to these problems is Invocabot. Invocabot is your hands-free, voice-activated phone assistant that listens to you while you're on a call. At any point in the call, you can say "Invocabot!" and it will begin listening for your voice command. Our code will analyze the command, and choose the appropriate API to invoke it.

EC2 Server

We use Amazon's EC2 as our cloud computing platform to run FreeSwitch and host our source code.

FreeSWITCH

Serves as the intermediary between voice recognition and task management. It routes phone calls and sends feedback to the Java Task Manager through mod event TCP sockets.





Invocabot is open source



