

VoIP Integration General Description

Introduction

The VoIP integration enables user to dial-in using a phone number into a conference room from the phone and you can dial-out to call any participant from within a conference in Apache OpenMeetings.

Feature Matrix:

Feature	Description
1) Dial-In	A phone number is provided which you can give to anybody to "Dial-In" via usual landline/phone into the conference room of OpenMeetings - Every room has its own phone number. Currently room gets number like 400<Id of room>. Maybe should move phone prefix to settings, currently it hardcoded.
2) Dial-Out	The users in the conference room can call anybody outside of the conference room by entering the phone number in the conference room - In room actions menu exist "SIP dialer". When user clicked dialer window appears. Currently calls can't be dropped from Openmeetings, tbd
3) Multiple Dial-In	You can give away multiple numbers and do the same as described in case (1). Multiple Dial-In is achieved by configuring the SIP-server (Asterisk). It is possible to create multiple extensions (phone numbers) in Asterisk configuration that will be redirects to single conference room.
4) Multiple Dial-Out	You can dial multiple numbers from within the conference room - From within conference can be dialed multiple numbers.

Main difference to native Red5-Phone project

The main difference with the Red5Phone is that red5sip runs not through Red5, but as a jsvc daemon. It uses red5.jar for connecting to Red5 as a client.

The second point that audio flows from each Openmeetings room's participants connected to Red5 are multiplexed and transmitted to the SIP server through a single connection.