WPCall

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Why WordPress?

- WordPress powers > 24% of the web — and rising
- Everything from simple websites, to blogs
- Complex portals and enterprise websites
- and even applications, are built with WordPress
WebRTC

- Brings Audio and Video Chat and Peer to peer data transfer to web apps
- No complex code or expensive infrastructure
- Supported by all modern browsers
- It has the capability to reach billions of devices already
Goals

- Allow users to video and audio chat on WordPress
- Using WebRTC for peer to peer video and audio communications
What is Wordpress?

- Started in 2003
- Open Source project
- Completely customizable through thousands of plugins, widgets and themes
- Has evolved to be used as full CMS
What is Wordpress?

- WordPress was born out of a desire for an elegant, well-architected personal publishing system built on PHP and MySQL.
- Licensed under the GPLv2 (or later).
- WordPress is fresh software, but its roots and development go back to 2001.
- It is a mature and stable product.
Requirements

- PHP version 5.6 or greater
- MySQL version 5.6 or greater OR MariaDB version 10.0 or greater
- Apache or Nginx is recommended
- Modern browser
HTTP GET (port 80 or 443)

Web server, hosting JSCommunicator (HTML, CSS, JavaScript)

SIP Proxy

RTP media

SIP over WebSocket (port 443)

TURN Server
<table>
<thead>
<tr>
<th>Plugin</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Akismet</td>
<td>Used by millions, Akismet is quite possibly the best way in the world to protect your blog from spam. It keeps your site protected even while you sleep. To get started: 1) Click the &quot;Activate&quot; link to the left of this description, 2) Sign up for an Akismet plan to get an API key, and 3) Go to your Akismet configuration page, and save your API key. Version 3.1.10</td>
</tr>
<tr>
<td>Hello Dolly</td>
<td>This is not just a plugin, it symbolizes the hope and enthusiasm of an entire generation summed up in two words sung most famously by Louis Armstrong: &quot;Hello, Dolly. When activated you will randomly see a lyric from Hello, Dolly in the upper right of your admin screen on every page. Version 1.6</td>
</tr>
<tr>
<td>WPCall</td>
<td>WPCall helps users to make calls over WebRTC. Version 0.0.1</td>
</tr>
</tbody>
</table>
WPCall Options

All Settings

WebSocket Server URL: wss://ws.sip5060.net
SIP Outbound Proxy URL: tcp://ws.sip5060.net:5061

Save Changes
Call

Destination: Enter contact

WebSocket link: Connected
SIP registration: Registered

Audio
Video
Call
Call connected
<sip:test.time@sip5060.net>

WebSocket link: Connected
SIP registration: Registered
Media Wiki Caller

Now, you can call with Media Wiki!

Destination Details

Enter Destination Name (Optional)

Enter SIP URI: sip: test.time@sip5060.net

Enter Password

Enter Contact: //Needs dial pad

Audio Call □ Video Call

SIP Registration

□ Yes □ No

Video Call Options

□ Enable Remote View □ Disable Remote View

□ Enable Self View □ Disable Self View
On the way!

- Joomla
- Redmine
- Django
Some links

- wpcall.org
Thanks

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Questions