JusPhone for Windows User Manual JusPhone for Windows 用户手册

| Version | Modify | Date | Note |
|---------|--------------|-----------|------|
| V1.0 | Valeria Wang | 2017-7-25 | |





1. Launch JusPhone, then enter the sip account (e.g. 1003) which is registered at your sip server.

1. 启动 JusPhone 程序,然后输入能注册到 SIP 服务器的 SIP 账号(比如,1003)。

Click "Config" to configure 1003's info.
(See the picture below)
点击 "Config",配置 1003 的账号信息

。(见下图)

JusPhone for Windows User Manual---- Configure SIP Account JusPhone for Windows 用户手册---- 配置 SIP 账号

Save

Close

| 😟 JusPhone - | Config | - 🗆 X |
|--------------|-------------------------|-----------------------|
| Sip Media | Authorization Name: | 1003 |
| Audio | Authorization Password: | •••• |
| Service | Profile Name: | 1003 |
| | User Name: | 1003 |
| | Nick Name: | 1003 |
| | Local Address: | 192.168.15.150 ~ |
| | Local Listen UDP Port: | 5060 |
| | Local Listen TCP Port: | 5060 |
| | Local Listen TLS Port: | 5061 |
| | Registrar Address: | 118.178.135.63 |
| | Login Mode: | Local Login |
| | Registrar UDP Port: | 5060 |
| | Registrar TCP Port: | 5060 |
| | Registrar TLS Port: | 5061 |
| | Registrar Transport: | UDP ~ |
| | Registrar Realm: | sip.juphoon.com |
| | | ✓ Enable Sip NoDigest |
| | | ✓ Enable TelUri |
| | | Enable Stun |
| | Stun Server: | 175.41.252.191 |
| | Stun Port: | 3478 |
| | | |
| | | |

 As shown, fill in the blanks: "UDP Port", "Registrar Address",
"Registrar Realm", etc. and check
"Enable Sip NoDigest", "Enable TelUri".
如图所示,输入"UDP Port",
"Registrar Address", "Registrar Realm"等信息,并勾选"Enable Sip NoDigest", "Enable TelUri"选项。

 Click "Save" to save your configuration.
点击 "Save" 保存账号配置,再 点击 "Close" 关闭界面。

JusPhone for Windows User Manual---- Voice Configuration JusPhone for Windows 用户手册---- 语音配置

| 🥺 JusPho | ne - Config | | – 🗆 X | | |
|---|-------------|-----------------------|--|--|--|
| Sip ▲ Media Audi Vide Service | 0 | Codec Priority: | G729 PCMU PCMA opus △MR-WR | | |
| | | $ \longrightarrow $ | AEC ~ | | |
| | AEC | | AGC | | |
| | AEC | | RXAGC | | |
| | OS | | ANS | | |
| | AES | | ARS | | |
| | AEC/FDE | | RED | | |
| | AEC/SDE | | VAD/DTX | | |
| | | Prefer Packet Length: | 20 ~ | | |
| | | Output Device: | A志哭/听筒 (Realtek High L v | | |
| | | Jacout Device. | | | |
| | | Input Device: | 麦元风 (Kealtek High Defin V | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | Save Close | | |

Codec Priority: 优先语音编解码 AEC: 回声消除 OS: 操作系统 AES: 回声抑制/半双工 AEC/FDE: 回声消除/共振峰估计延时 AEC/SDE: 回声消除/频域延时估计 AGC: 自动增益控制 RXAGC: 接收功率调整 ANS: 自动噪声抑制 ARS: 码率自适应 RED: 音频冗余保护(前向纠错) VAD/DTX:静音检测和不连续传输 Prefer Packet Length: 优先数据包长度 Output Device: 输出装置 Input Device: 输入装置

JusPhone for Windows User Manual---- Video Configuration JusPhone for Windows 用户手册---- 视频配置

| 🗵 JusPhone - Co | onfig | – 🗆 🗙 |
|---|---------------------------|-----------------------------|
| Sip ▲ Media Audio Video Service | Codec Priority: | H264 VP8 H263 |
| | Camera Device: | Integrated Webcam 🗸 |
| | | FEC/RED 🖌 Framerate Control |
| | | NACK 🖌 Resolution Contro |
| | | TMMBR FIR |
| | | CPU Load H264 Small Nalu |
| | | BEM VP8 RPSI |
| | | MDM |
| | ARS Mode: | Spatial ~ |
| | Key Period(s): | 2 ~ |
| | Bit Rate(kbps): | 350 ~ |
| | Framerate(fps): | 25 ~ |
| | Resolution: | 352x288 ~ |
| | | ARS |
| | ARS Min.Br(30-10000)kbps: | 0 |
| | ARS Max.Br(30-10000)kbps: | 2000 |
| | H264 Payload(97-127): | 99 |
| | H264 PacketMode(0,1): | 0 ~ |
| | H264 Profile Type: | Baseline v |
| | | |
| | | |

Codec Priority:优先视频编解码 Camera Device:镜头装置 FEC/RED:视频冗余保护(前向纠错) Framerate Control:帧率控制 NACK:视频丢包重传 Resolution Control:分辨率控制 TMMBR:视频码率控制 FIR:视频关键帧请求 CPU Load: CPU负载控制 H264 Small Nalu:H264小包模式 BEM:节省带宽模式 VP8 RPSI:可靠引用帧 MDM:移动设备管理

JusPhone for Windows User Manual---- Video Configuration JusPhone for Windows 用户手册---- 视频配置

| 🧭 JusPhone - C | onfig | | _ | \times |
|---|---------------------------|---------------------|-------------|----------|
| Sip Media Audio Video Service | Codec Priority: | H264 VP8 H263 | | • |
| | Camera Device: | Integrated W | ebcam | ~ |
| | | FEC/RED | 🗸 Framerate | Control |
| | | | Resolution | Contro |
| | | | FIR | |
| | | CPU Load | H264 Smal | l Nalu |
| | | BEM | VP8 RPSI | |
| | | | | |
| | ARS Mode: | Spatial | | Ŷ |
| | Key Period(s): | 2 | | ~ |
| | Bit Rate(kbps): | 350 | | ~ |
| | Framerate(fps): | 25 | | ~ |
| | Resolution: | 352x288 | | ~ |
| | | ARS | | |
| | ARS Min.Br(30-10000)kbps: | 0 | | |
| | ARS Max.Br(30-10000)kbps: | 2000 | | |
| | H264 Payload(97-127): | 99 | | |
| | H264 PacketMode(0,1): | 0 | | ~ |
| | H264 Profile Type: | Baseline | | ~ |
| | | Save | Clos | e |

ARS Mode: 码率自适应模式 Key Period(s): 关键帧间隔(s) Bit Rate(kbps): 比特率(kbps) Framerate(fps): 帧速率(fps) Resolution: 分辨率 ARS: 码率自适应 ARS Min.Br(30-10000)kbps: 码率下限 (30-10000) kbps ARS Max.Br(30-10000)kbps: 码率上限 (30-10000) kpbs H264 Payload(97-127): H264有效载荷 (97-127)H264 PacketMode(0,1): H264数据包模 式(0,1) H264 Profile Type: H264 级别



 Click "Login" to login to sip server.
点击 "Login" 注册并登录到 sip 服 务器。

2. Click "Call" to show Video/Voice dialpad. 2. 点本 "Call" 社士 辛加 牺牲 异 界 西

2. 点击"Call"进去音视频拨号界面。

*Click "Logout" to logout. 点击"Logout"可登出。

*Click "Debug" to debug. 点击"Debug"可调试。

| 😟 JusPhone - Call | | | _ | | \times | |
|-------------------|---------|---------------|----------|----------------|----------|--|
| 1017 | | | Voice | | Video | |
| 1017 00:09 | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | |
| 7 | 8 | 9 | 0 | * | # | |
| Voice A | Answer | Video Answer | | End | | |
| Ho | d | Tansfer | | Mix | | |
| Add Video | | Remove Video | | Statistics | | |
| Output | | | | Mute | | |
| Input | | | | M | lute | |
| Rec Play Voice | | Rec Mic Voice | | Rec Call Voice | | |
| Rec Sen | d Video | Rec Rec | v Video | Conference | | |
| Snapshot Cam | | Snapsho | ot Rende | | | |

 Enter another sip account (e.g. 1017) which is registered at the same server like 1003.
输入另一个类似1003一样注册到sip 服务器的sip 账号(如1017)。

- 2. Click "Voice" to make a voice call to 1017.
- 2. 点击"Voice",向1017发起语音通话。

When the call (1003 to 1017) is initiated, enter the third sip account (e.g.1018) to start a new voice call.
当会话建立后,输入第三个sip账号(如1018) 开启一路新的语音通话。

JusPhone for Windows User Manual---- Video Call JusPhone for Windows 用户手册---- 视频通话



1. Enter another sip account (e.g. 1017) which is registered at the same server like 1003.

1. 输入另一个类似1003一样注册到sip 服务器的sip账号(如1017)。

 Click "Video" to make a video call to 1017.
点击 "Video",向1017发起视频通话。

 When the call (1003 to 1017) is initiated, enter the third sip account (e.g.1018) to start a new video call.
当会话建立后,输入第三个sip账号 (如1018)开启一路新的视频通话。

*At the present, our VoIP tester supports video or voice multilines up to 16. 目前,我们的VoIP tester支持多线视频或语音最多达16路。

Thanks!