

Pàdé Presentation

Pàdé

Pàdé is the Yoruba word for "Meet".

Pàdé (the "p" is pronounced explosively) is a Unified Communications Solution for Openfire.

Features

- Capability - Essential Unified Communications (Messaging/Chat, IP Audio/Video, Screen/Application Sharing, Remote Control and Telephony)
- Communication Applications (Blogger, Message Blast, Team Meetings, Group Chat and Live Customer Chat)
- Restful API for business application integration
- Archiving of communication meta data, chat transcripts, audio and video media

Technology

- Pàdé front-end is a web browser extension and available from Google Chrome, Microsoft Edge and Firefox web app stores.
- Pàdé back-end is Openfire for XMPP messaging, FreeSWITCH for SIP Telephony/MCU Conferencing and Jitsi for SFU Conferencing.
- Pàdé can be deployed in-house, *on premises* on a private network or as a hosted service accessed from the internet.

Pàdé Front-End

Is a web browser extension that contains:

Jitsi Meet for audio/video conferencing, screen share and real-time application collaboration (WebRTC)

ctxPhone for SIP based telephony with FreeSWITCH

Converse.js for XMPP chat client (both full page dedicated group chat and one-on-on pop-up chat) conferencing.

Other communication applications

Rest, SSE (server-sent events) API and JavaScript libs

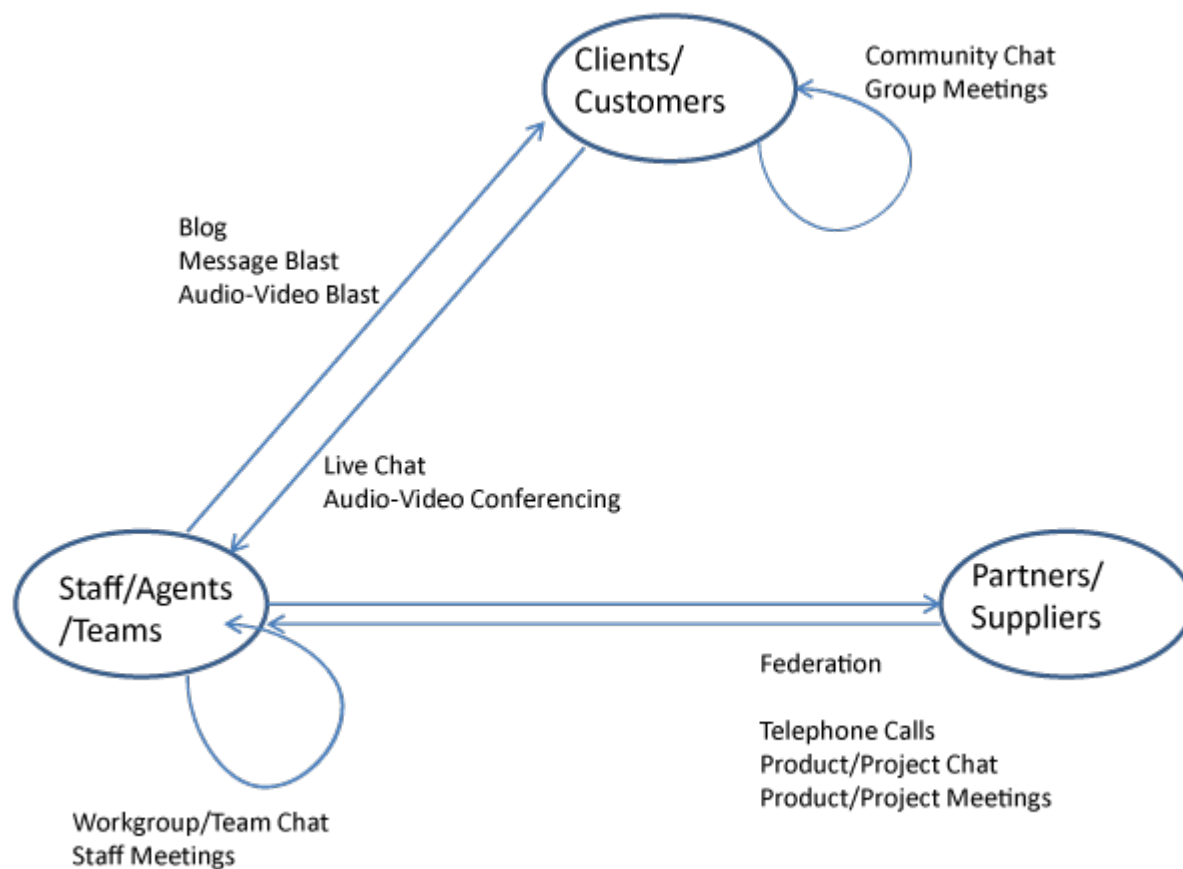
Pàdé Back-End

- Openfire Server
- Openfire Meetings Plugin (Jitsi)
- Openfire Chat API Plugin (REST/SSE API)
- Openfire Switch Plugin (FreeSWITCH)

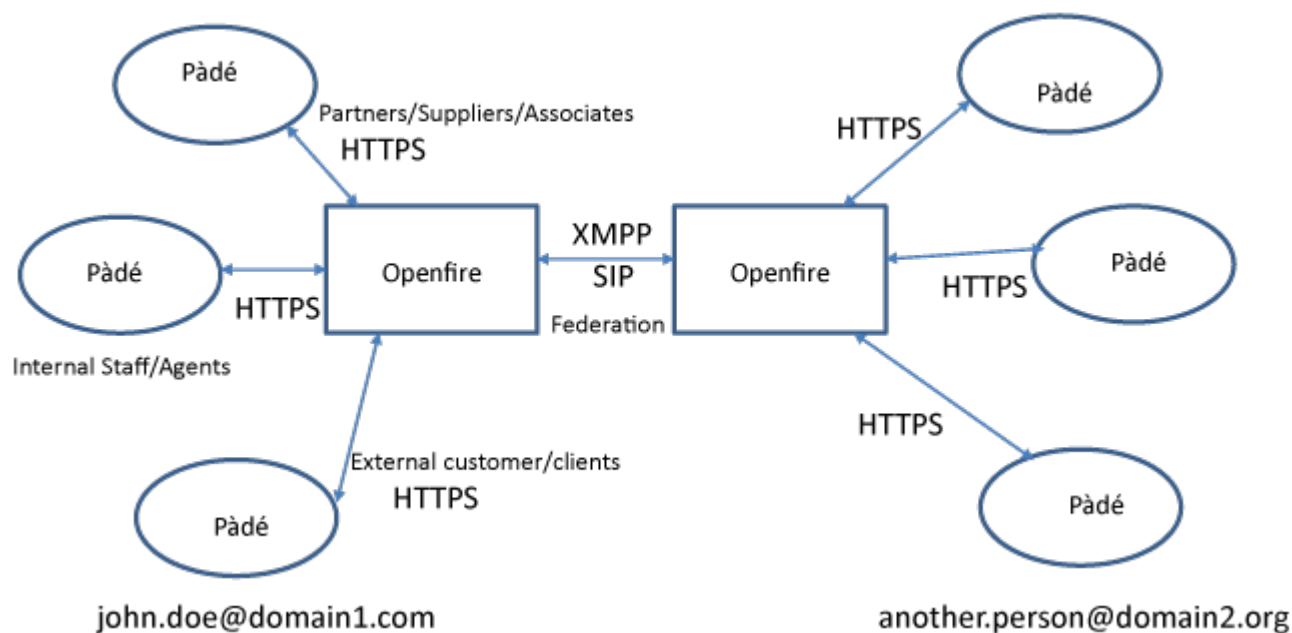
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- Monitoring and Archiving Plugin
- Bookmarks Plugin
- Fastpath Plugin (live chat)
- Solo Blogger Plugin

Business Communication Flows



Architecture



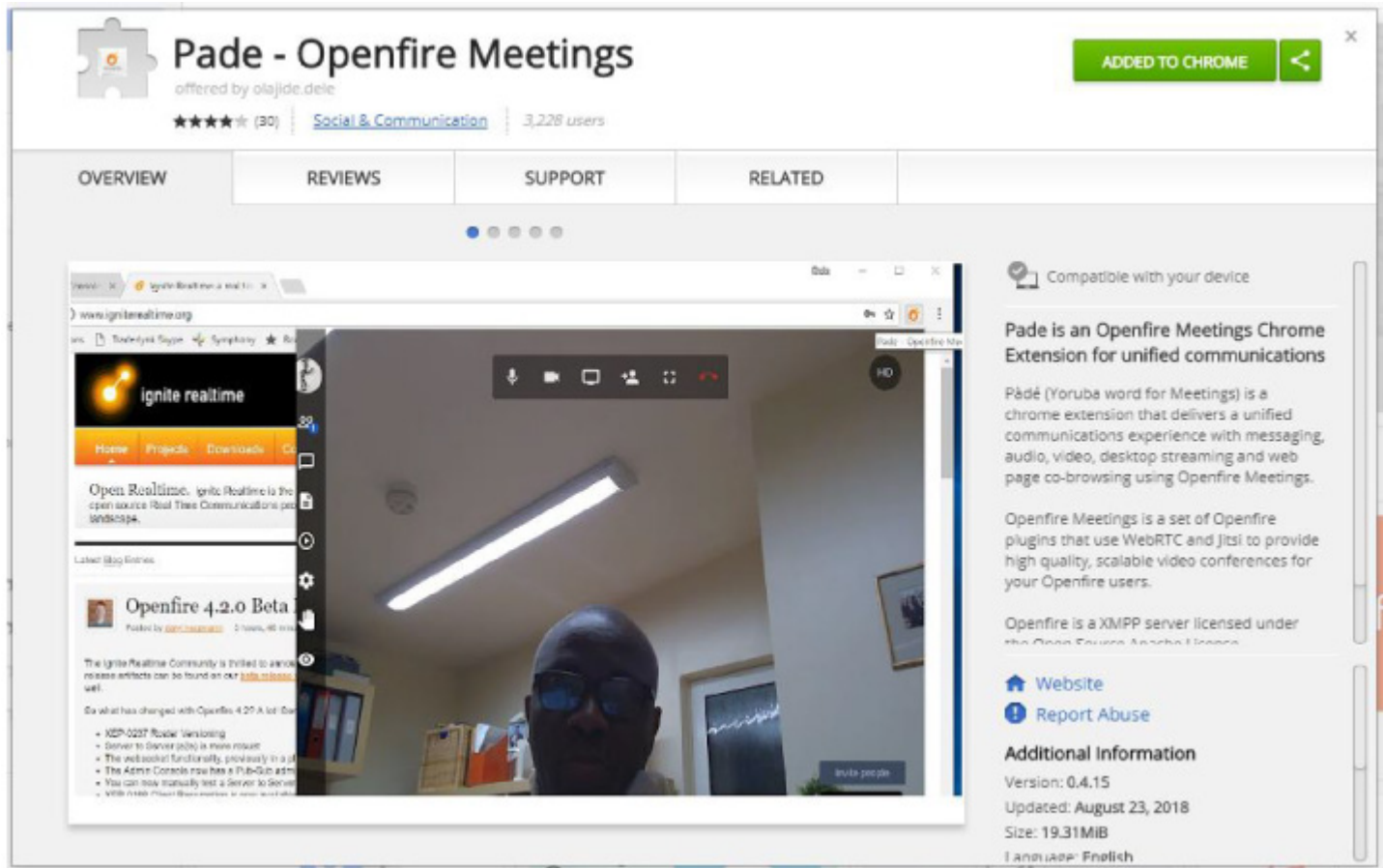
Security

- Pàdé uses standard TLS or MTLS Encryption on all client-to-server and server-to-server connections with server or both client/server certificates.
- Two factor authentication with TOTP (Time based One Time Passwords) from a smart phone.
- Open Identity System for the Decentralized Web (uPort)
- End-to-End encryption can also be applied on demand in chat conversations.

Pàdé at Chrome App Store

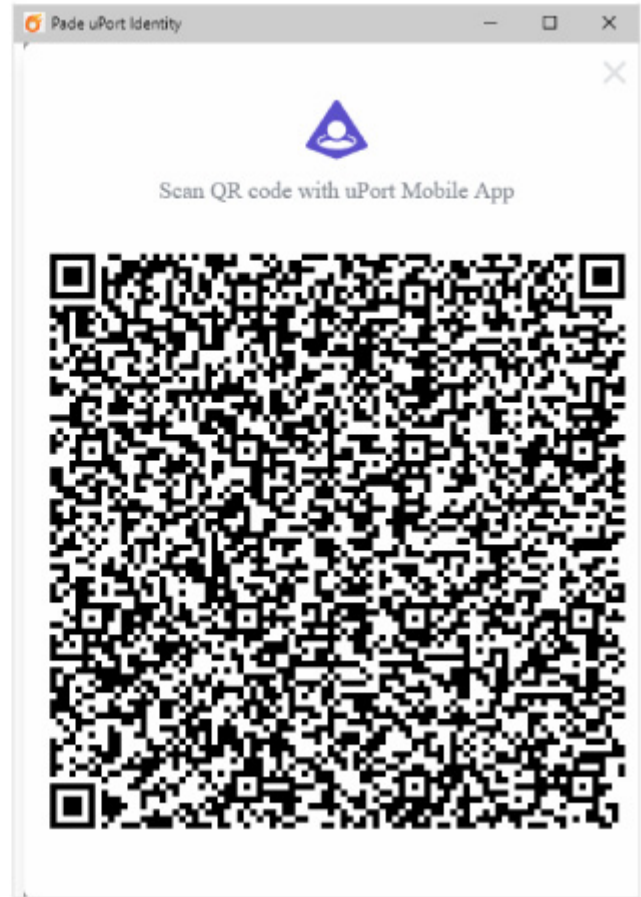
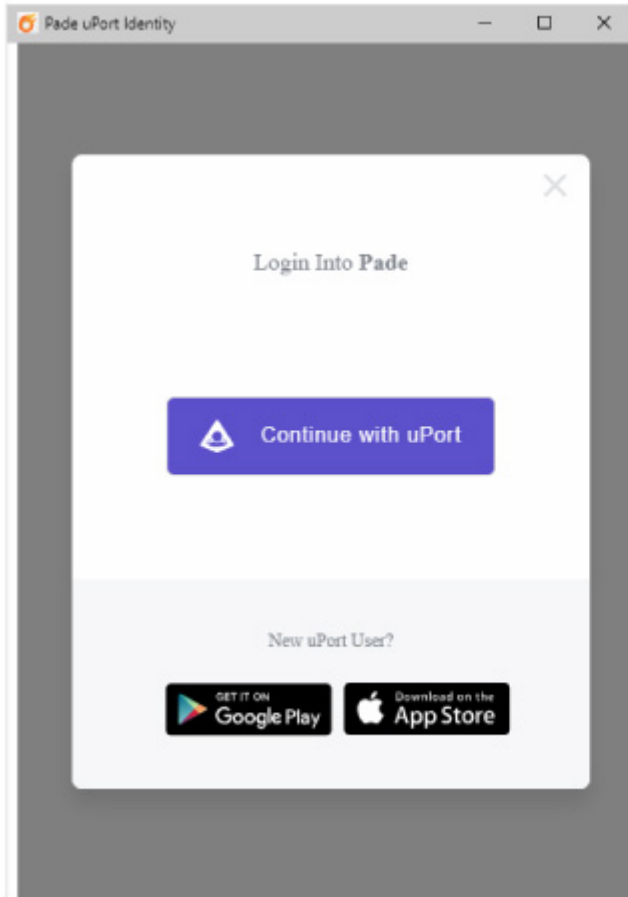
Not yet available for Edge, Firefox and Safari

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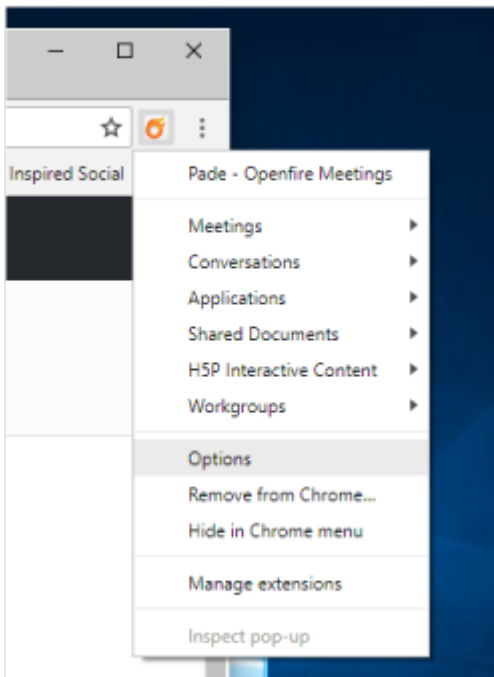


Pàdé Registration & Sign-In (uPort)

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Pàdé Installed



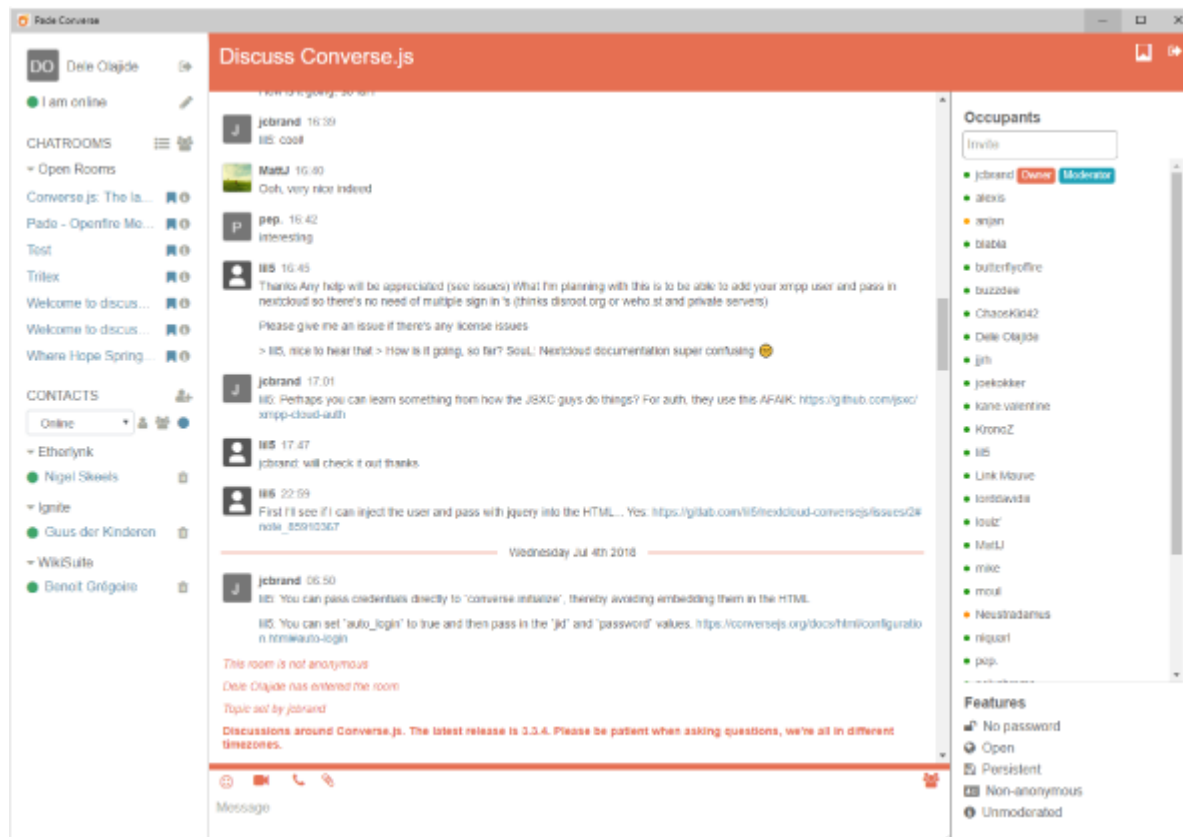
Pàdé Options

The screenshot shows a web browser window with the address bar displaying "chrome-extension://fohfhgabmicpjcpjgongpjcfaba/options/index.html". The browser's address bar also shows "Pade - Openfire Meetings". The page title is "Pade". The left sidebar contains a search bar and a list of links: "Connection", "General", "Applications", "User Directory", "TouchPad Page:1", "TouchPad Page:2", "TouchPad Page:3", "TouchPad Page:4", "TouchPad Page:5", and "TouchPad Speakers". The main content area is titled "Connection" and contains several sections:

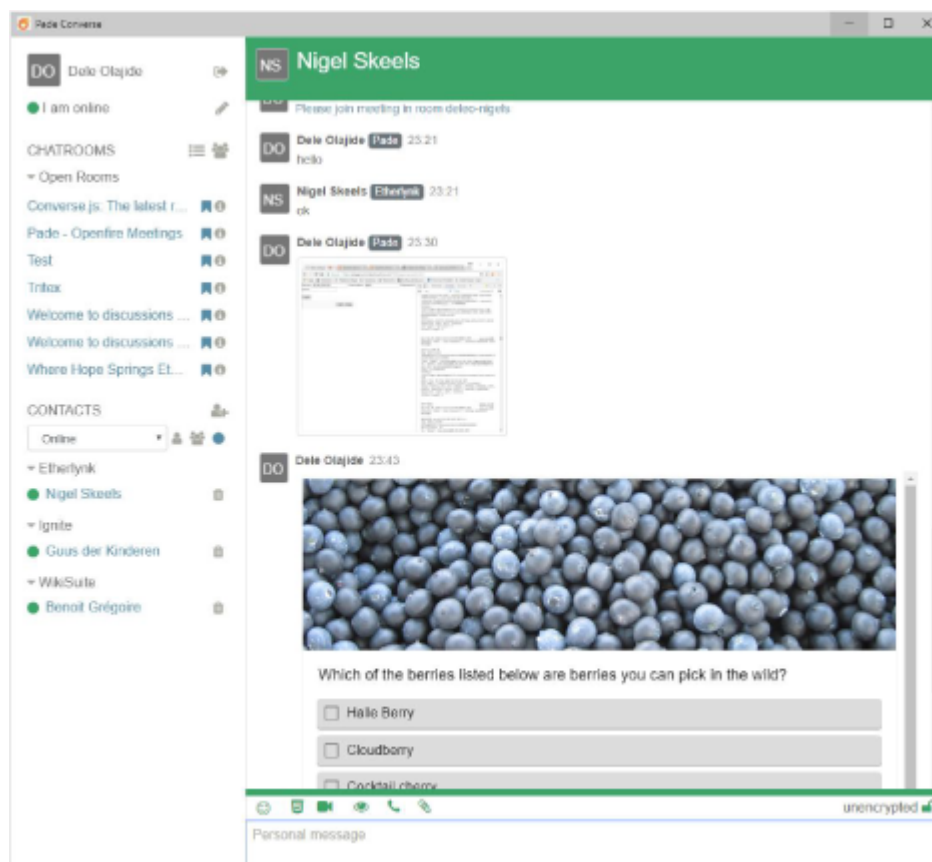
- Connection**:
 - Server:
 - Domain:
 - ☒ Use Websockets
- uPort**:
 - ☐ Open Identity System for the Decentralized Web
 - QR Code:
 - Permission:
- TOTP**:
 - ☐ Time based One-Time Password - Use OIChat and FreeOTP or Google Authenticator App
 - QR Code:
- Certificate**:
 - ☐ Use Client Certificate (No password required)
 - Download:
- Login**:
 - Display Name:
 - Username:
 - Password:
 - Login:
- About**:
 - Change Log:
 - Help:

Pàdé Group Chat

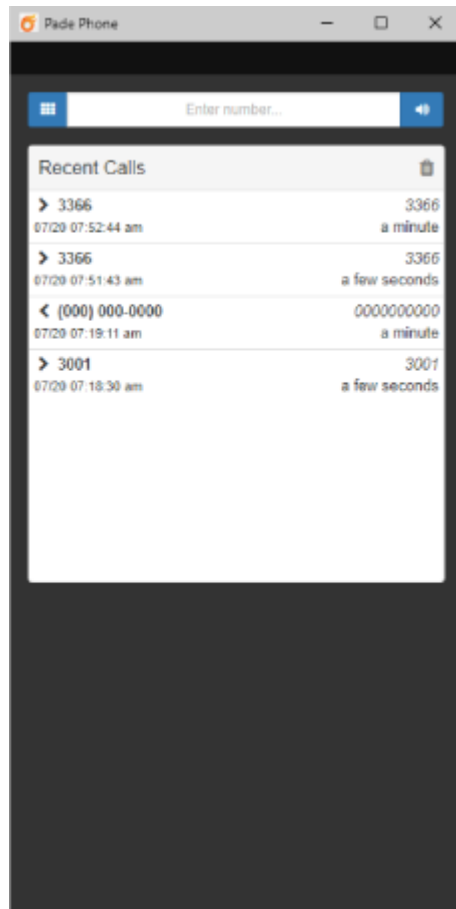
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Pàdé Private Chat



Pàdé SIP Phone

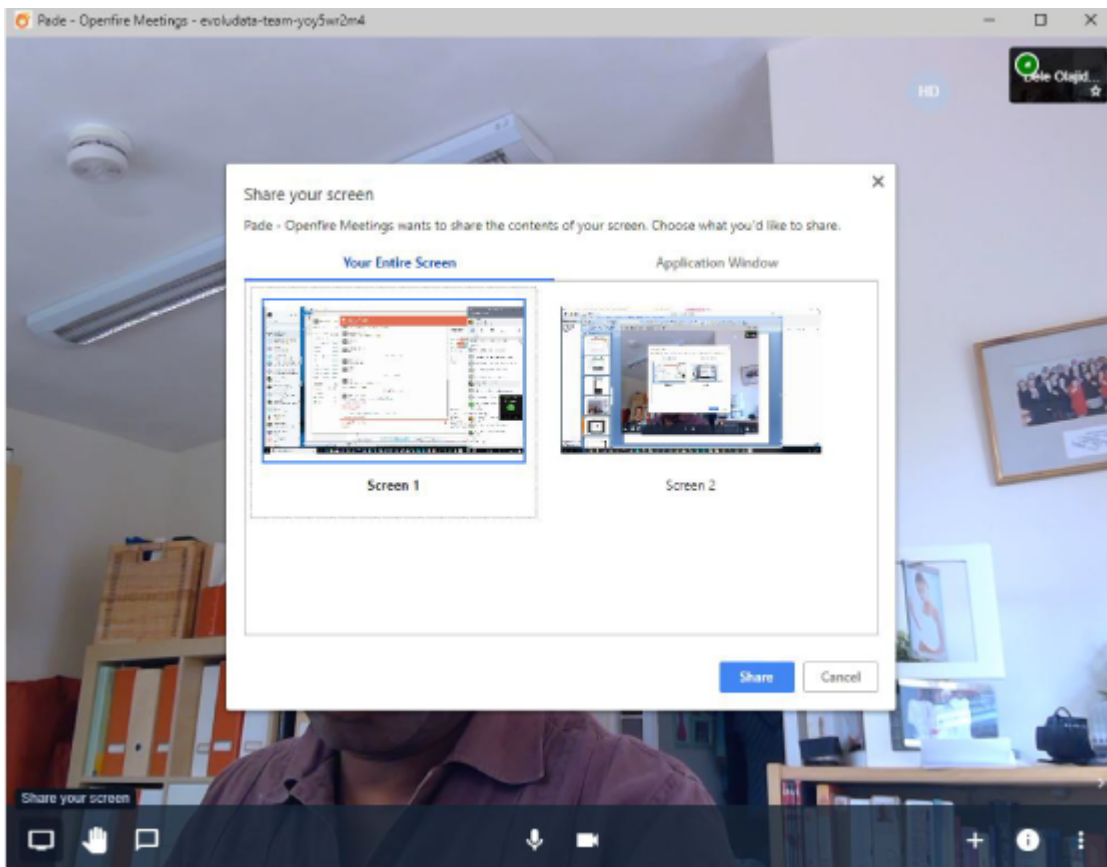


Pàdé Meeting

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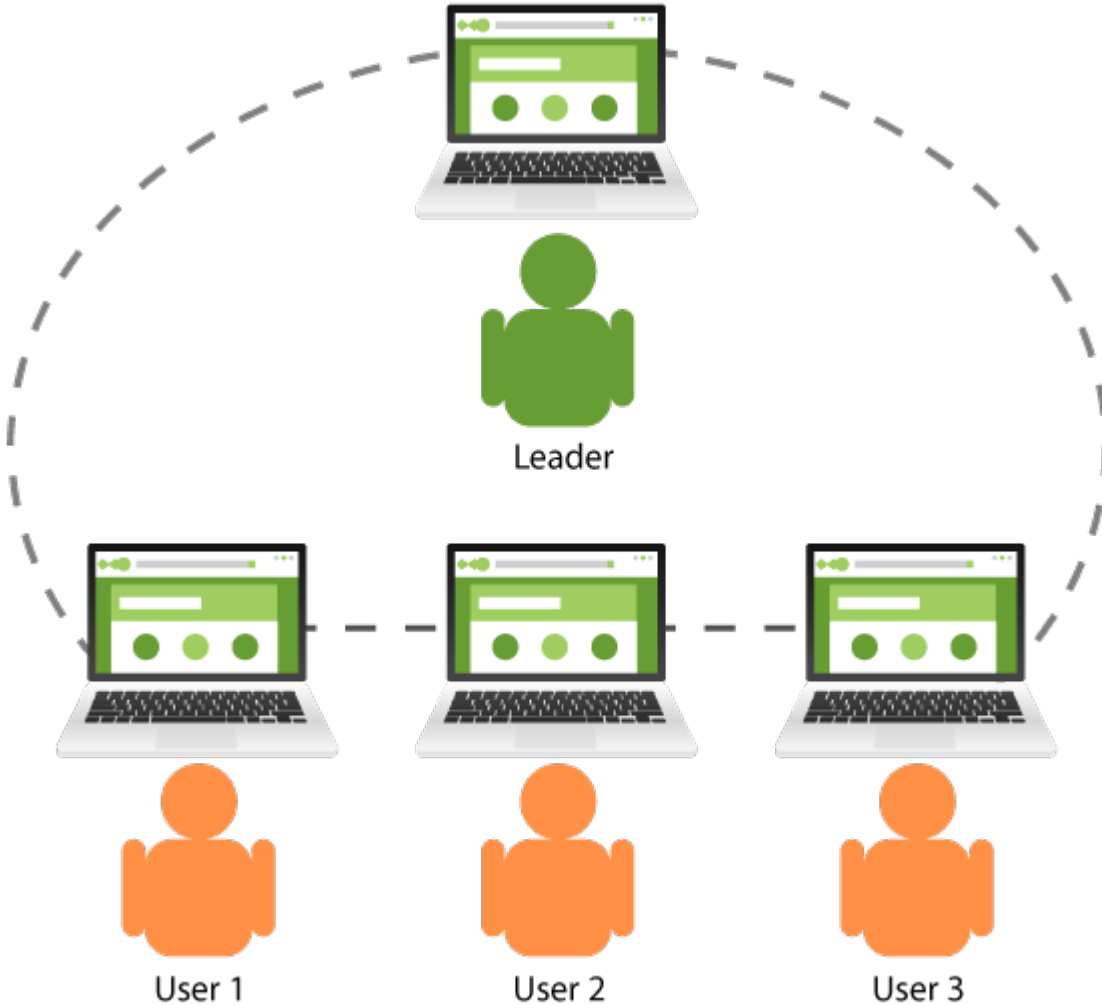


Pàdé Screen Share



Pàdé Co-browsing

Two or more users visiting various web pages and all are kept in sync with the leader.



Pàdé Conversational Forms

It dynamically converts any HTML form into a conversation between a user and a bot.

Server

Users/Groups

Sessions

Group Chat

Plugins

Fastpath

Web Clients

Meetings

Workgroups Manager

Reports

View Previous Chats

View Chat Usage

Chat Conversation

Conversation Metadata

Question:	What is the meaning of life?
occupation	lost
submit-form	Yes
name	Joe Blogg
company	Bloggs and Sons Ltd
email	joe@bloggs.com

Chat Transcripts

[9:10 AM] Joe Blogg has joined the room

[9:11 AM] Frank Ozz has joined the room

[9:11 AM] Frank Ozz: hello

[9:11 AM] Joe Blogg: Hiya

[9:11 AM] Frank Ozz: Please join meeting in room <https://desktop-545pc5b:7443/ofmeet/cdmonu9-zknzw3xkk>

[9:12 AM] Frank Ozz: ok?

[9:12 AM] Joe Blogg: Thanks

[9:17 AM] Frank Ozz: <https://desktop-545pc5b:7443/apps/h5p/?path=deleo/fire-13>

[9:17 AM] Joe Blogg: Joe Blogg completed H5P.CoursePresentation in deleo/fire-13 and scored 0%

[9:18 AM] Frank Ozz has left the room

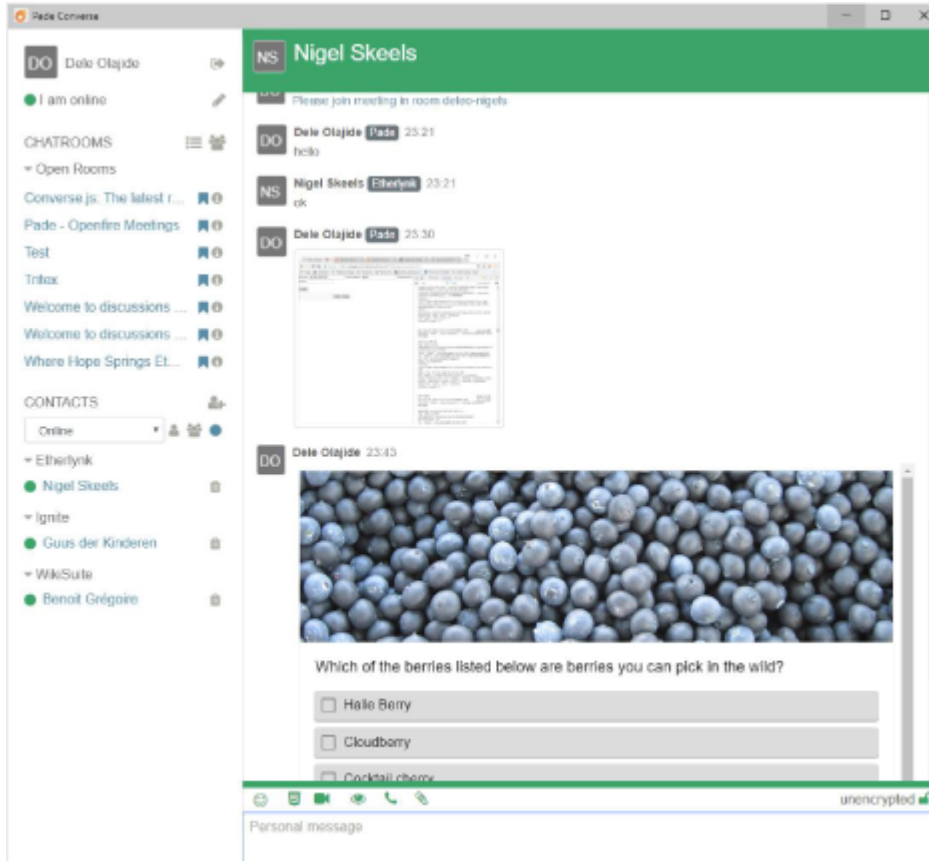
[9:18 AM] Joe Blogg has left the room

The collected data can be sent server-side for processing. In the case of WebMeet, it is used as meta data to initiate a fastpath support session. More info at <https://github.com/igniterealtime/Pade/issues/30>.

Pàdé H5P interactive content

Pàdé supports H5P, which enables the creation, sharing and reusing of interactive HTML5 content in your browser. One of the many examples is a quiz in a chat:

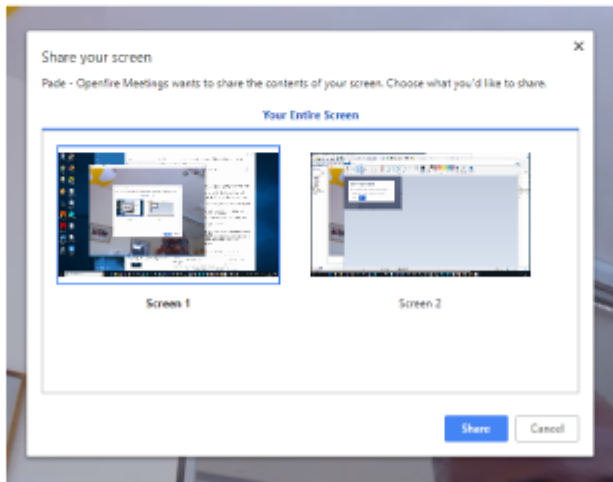
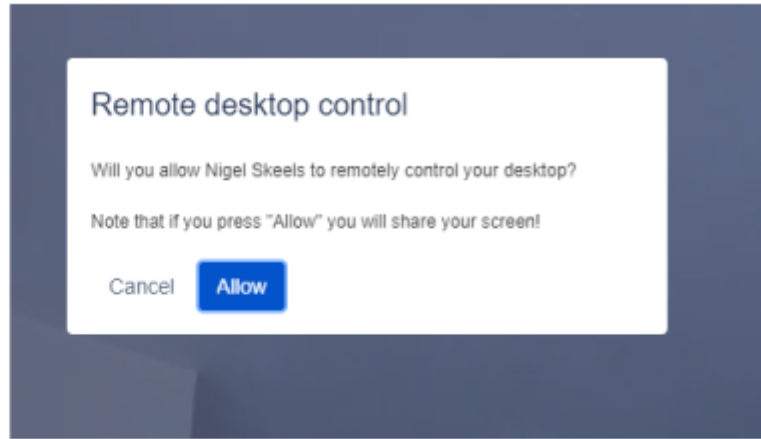
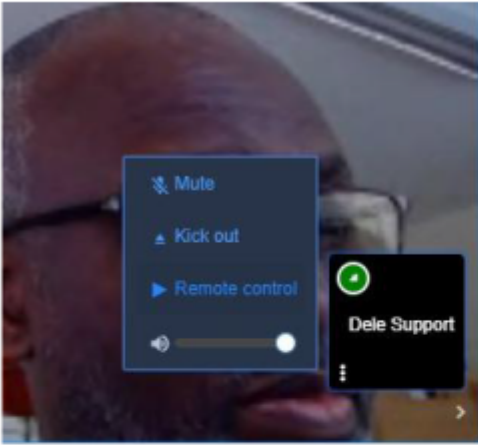
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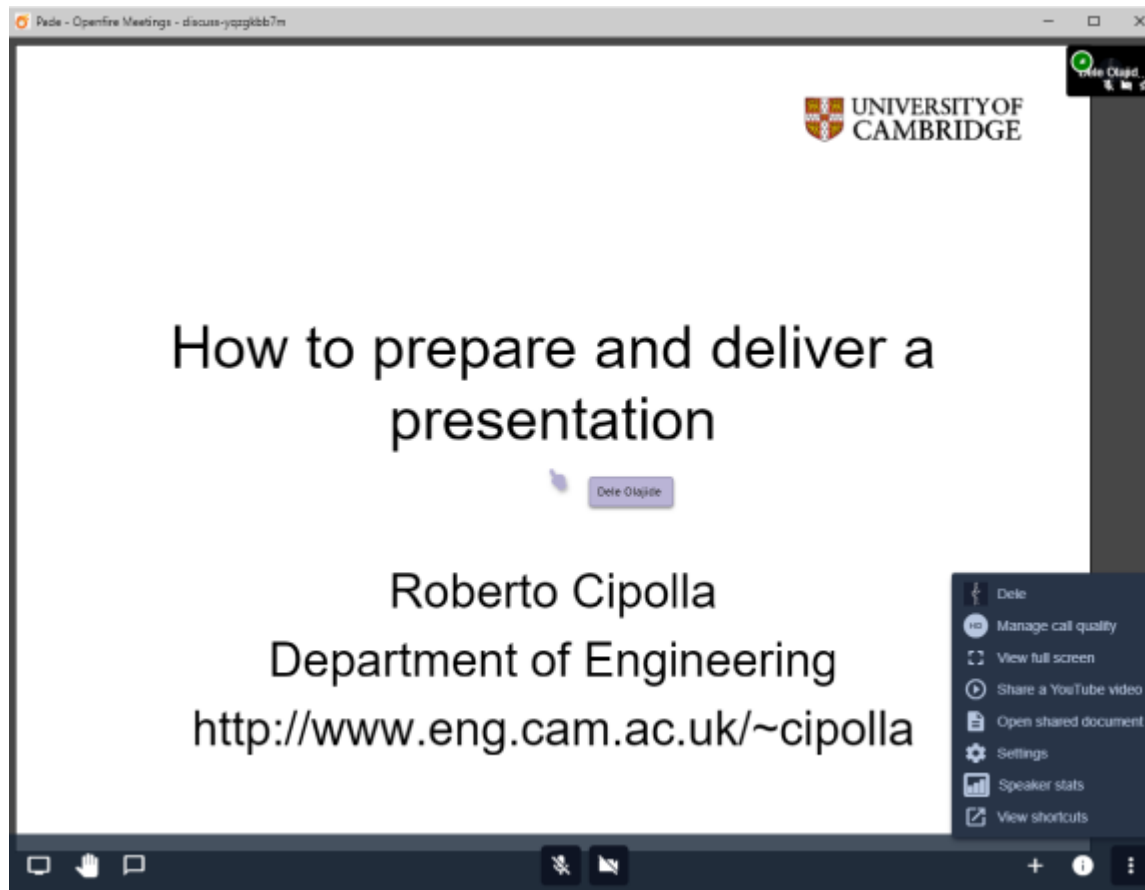
Pàdé Remote Control

Escalate a screen sharing session to permit remote control of keyboard and mouse. Facilitates support, training, etc.

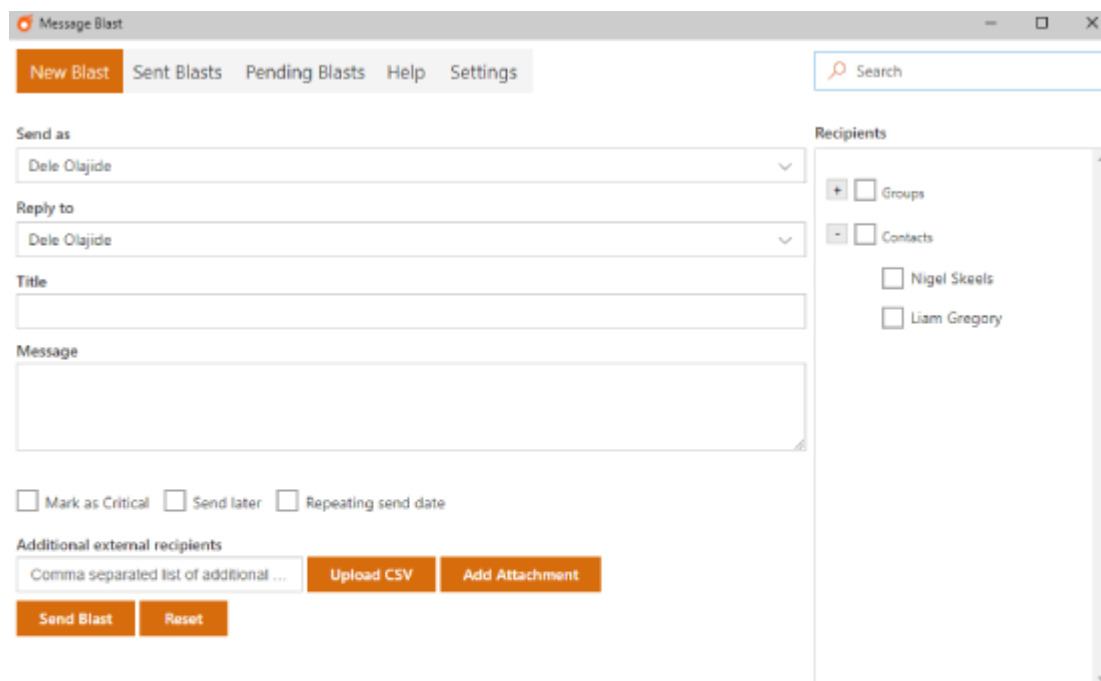
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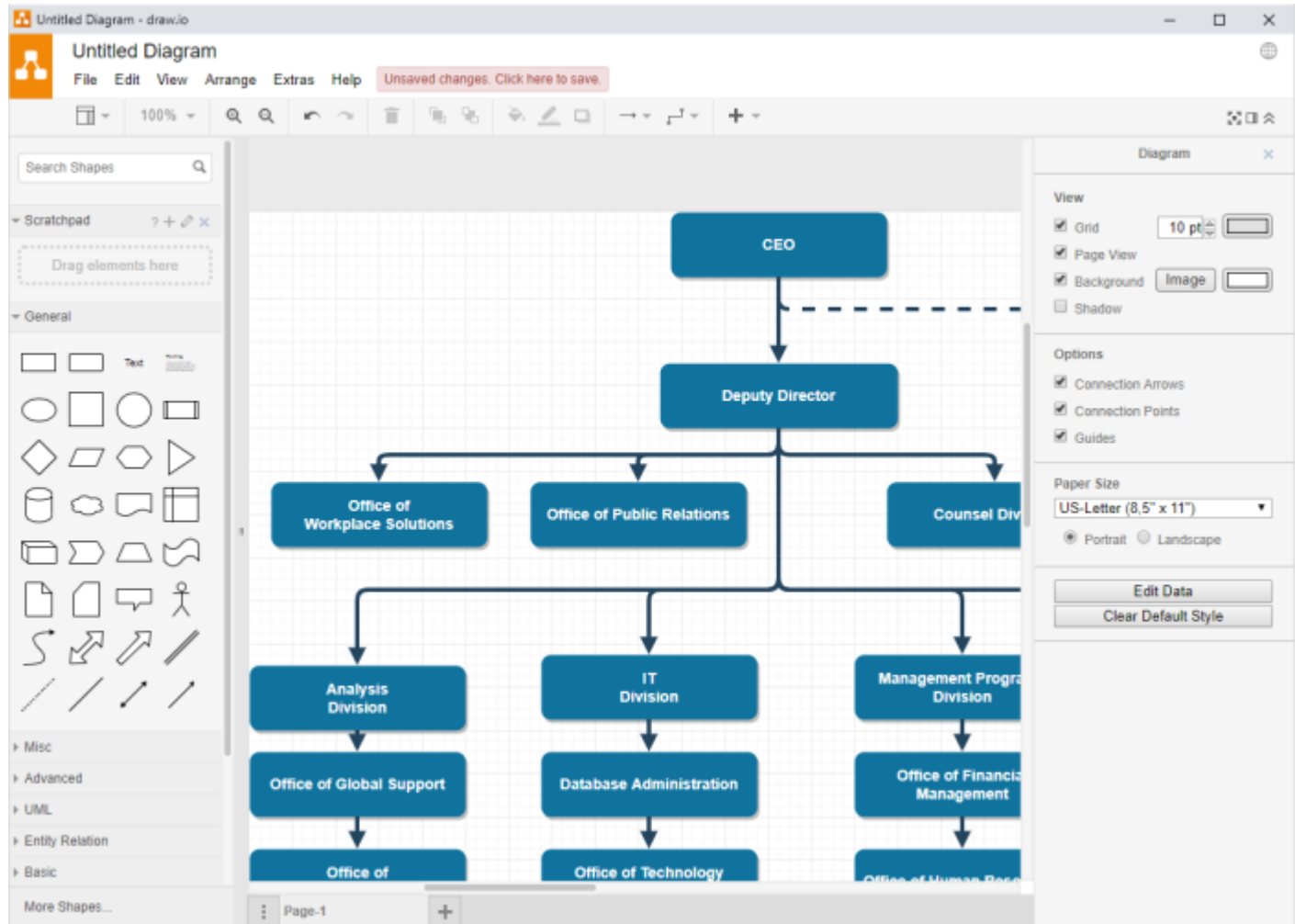
Pàdé App/Doc Sharing



Padé Message Blast

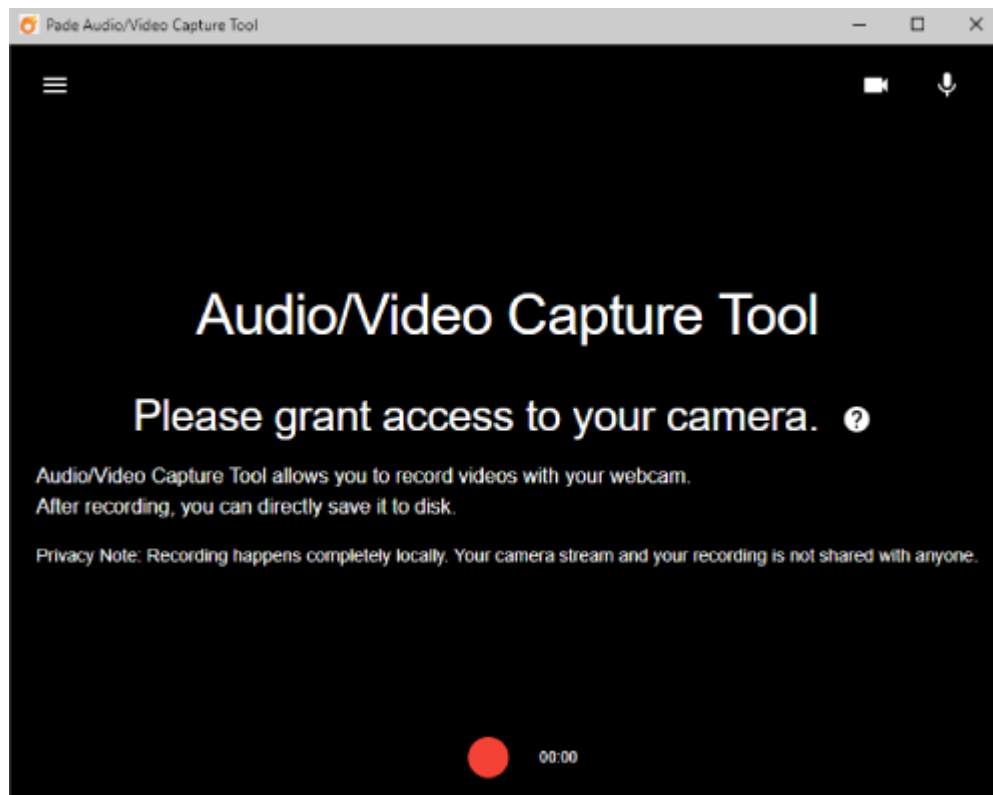


Pàdé Realtime Collaboration on Diagrams

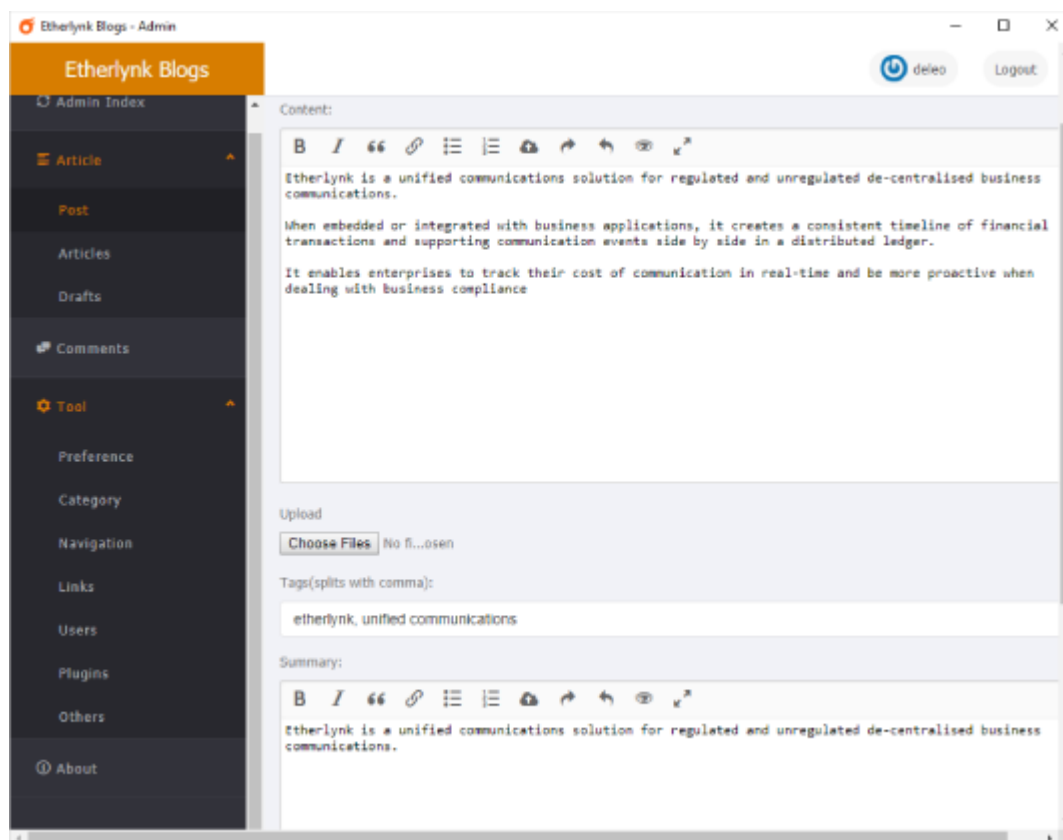


Pàdé Screen/Audio/Video Capture

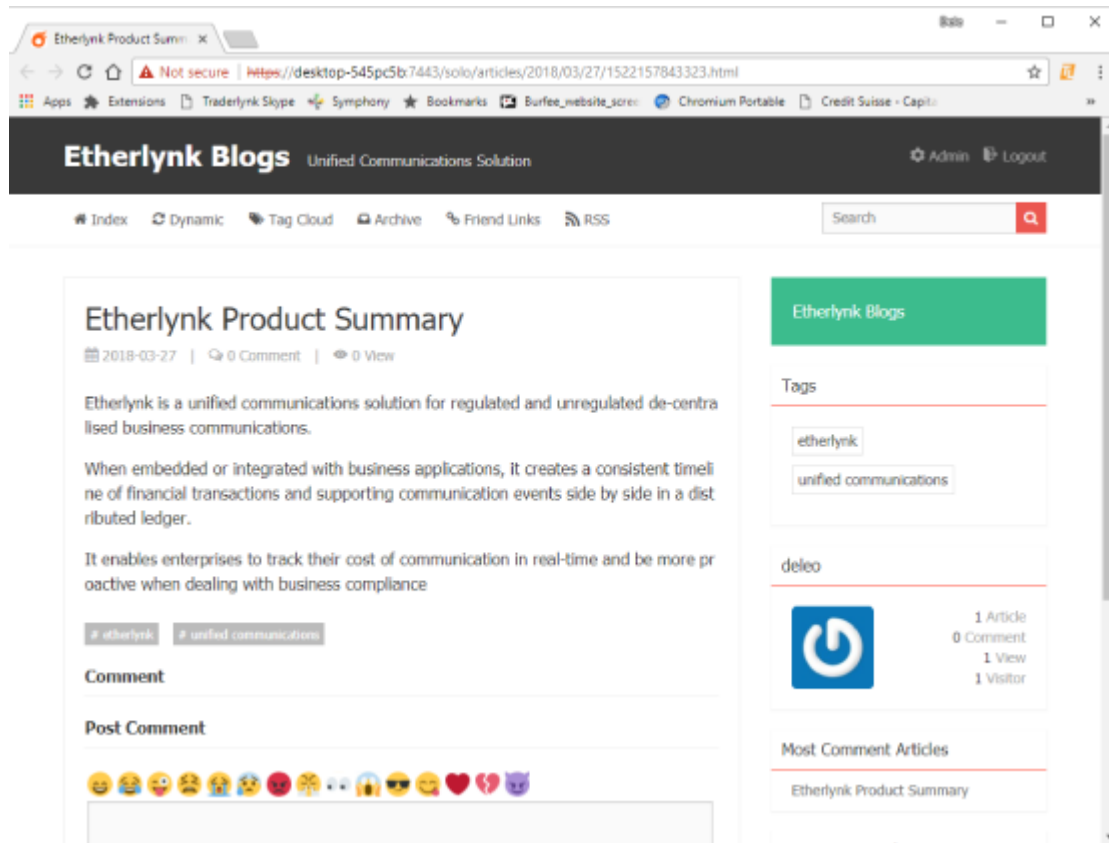
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Pàdé Blogger

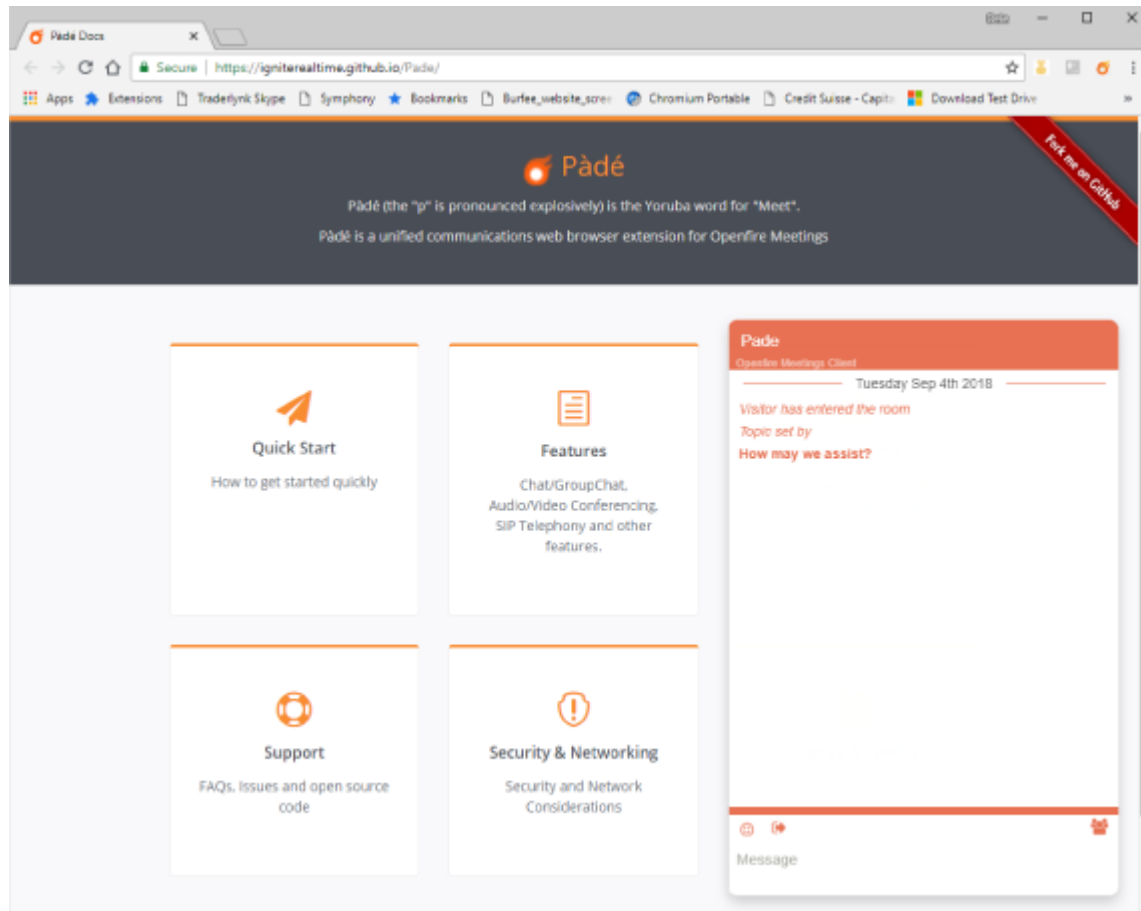


Pàdé Blog Web Site

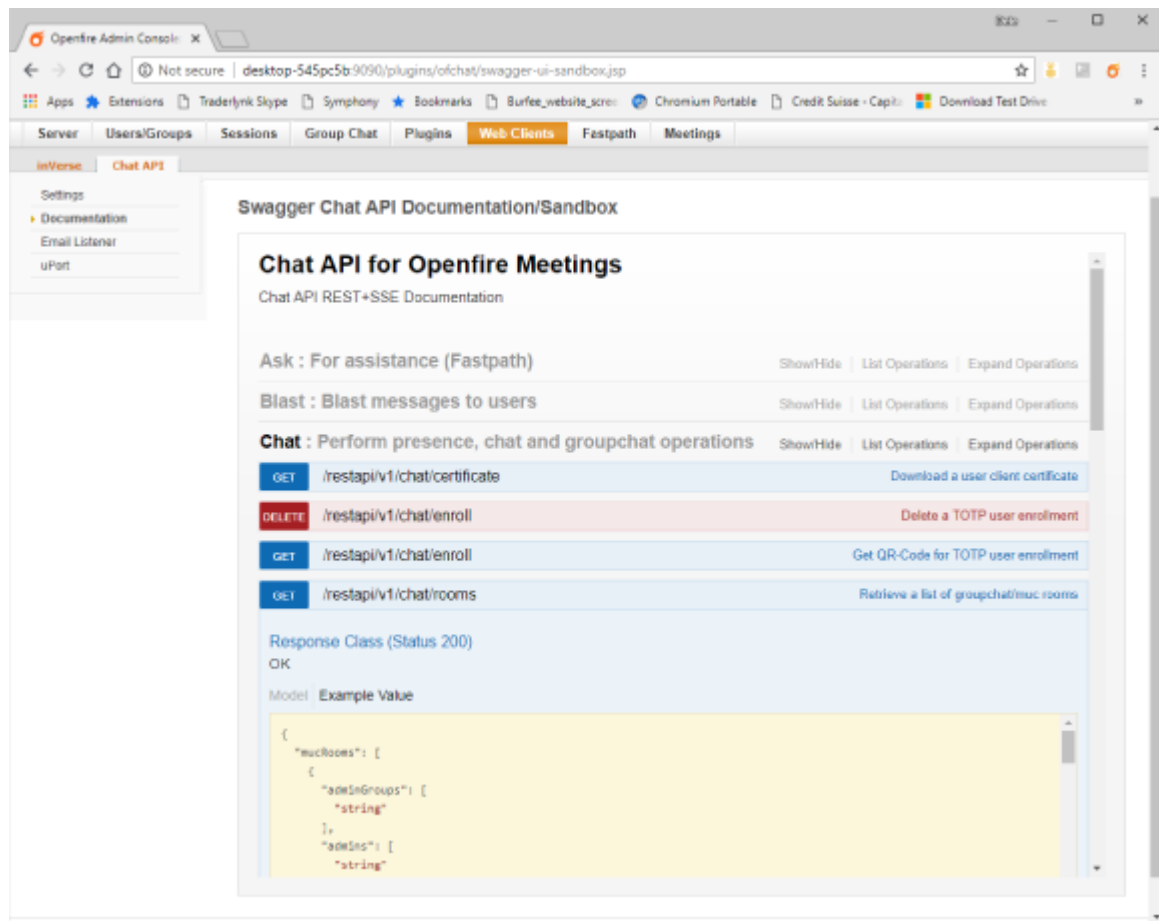


Pàdé Live Chat

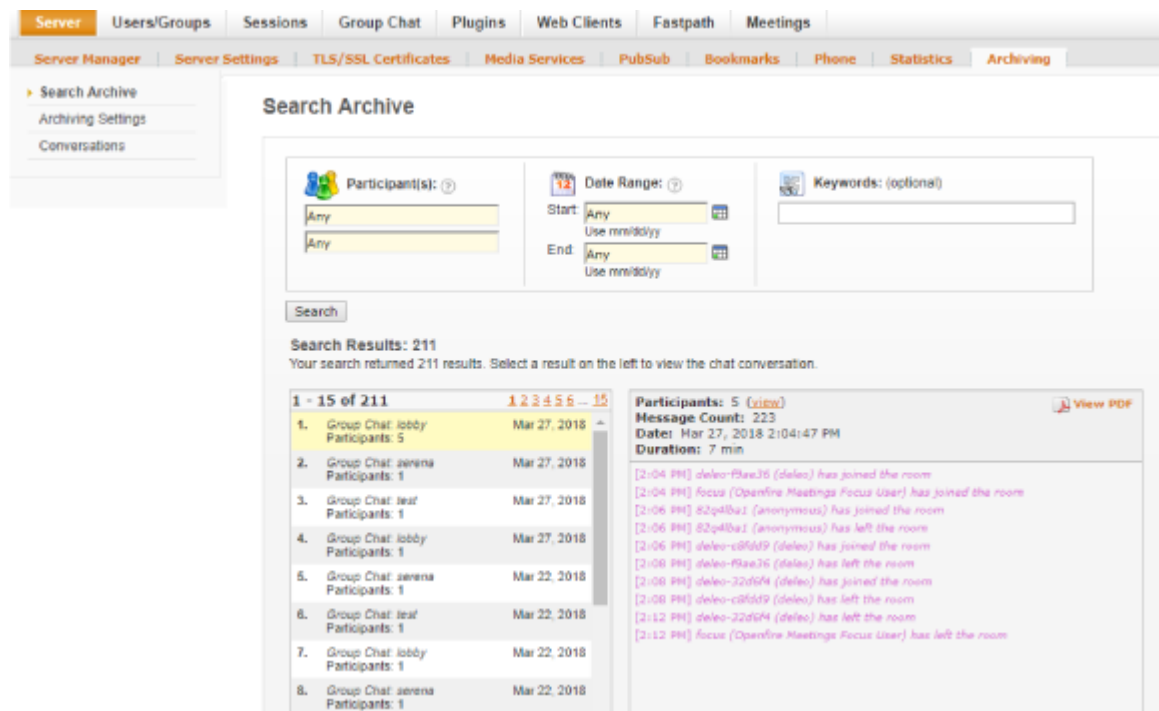
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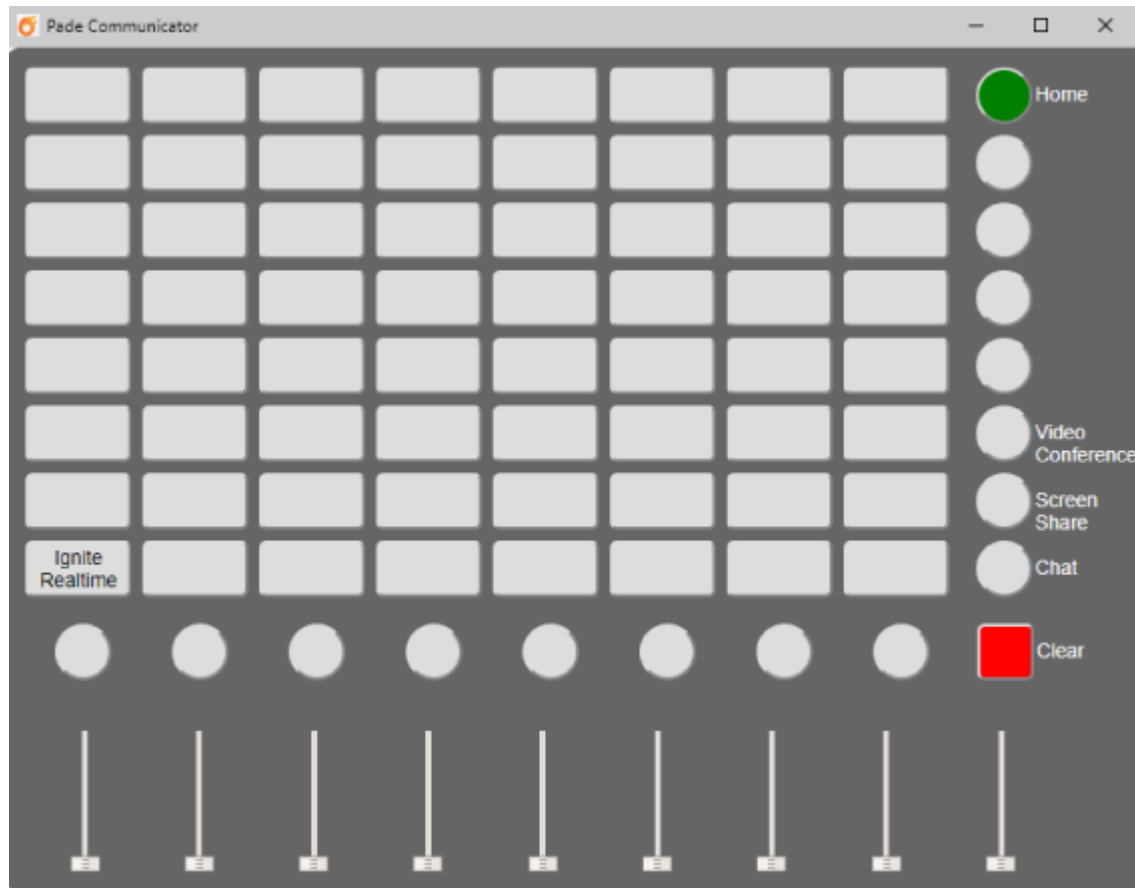
Pàdé Rest API



Pàdé Archiving



Pàdé Devices - TouchPad



Pàdé Devices - StreamDeck



Pàdé Devices - other features

- URL Protocol Handlers (ex.: 1-click join XMPP chatroom)
- Branding (replace the logo with your organizations's logo)
- And many more!

Pàdé

Questions?

Pàdé

Help/Assistance?

Documentation

Native Apps packaging for OSX & Linux Pàdé for Firefox & MS Edge