

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-one pop-up chat) conferencing.

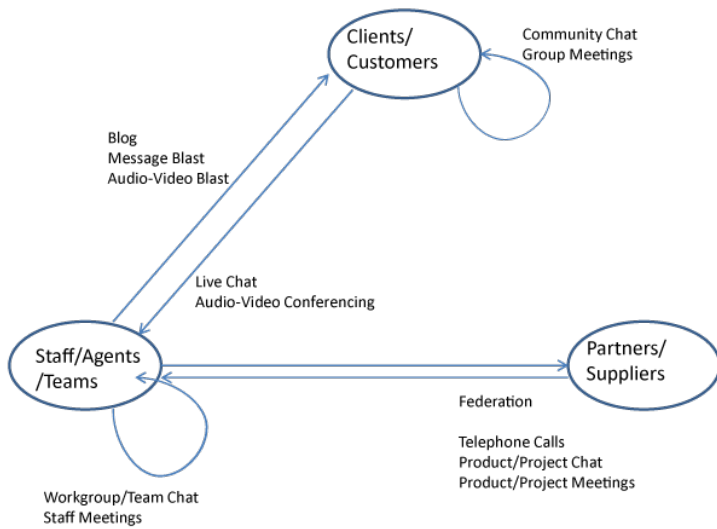
Other communication applications

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

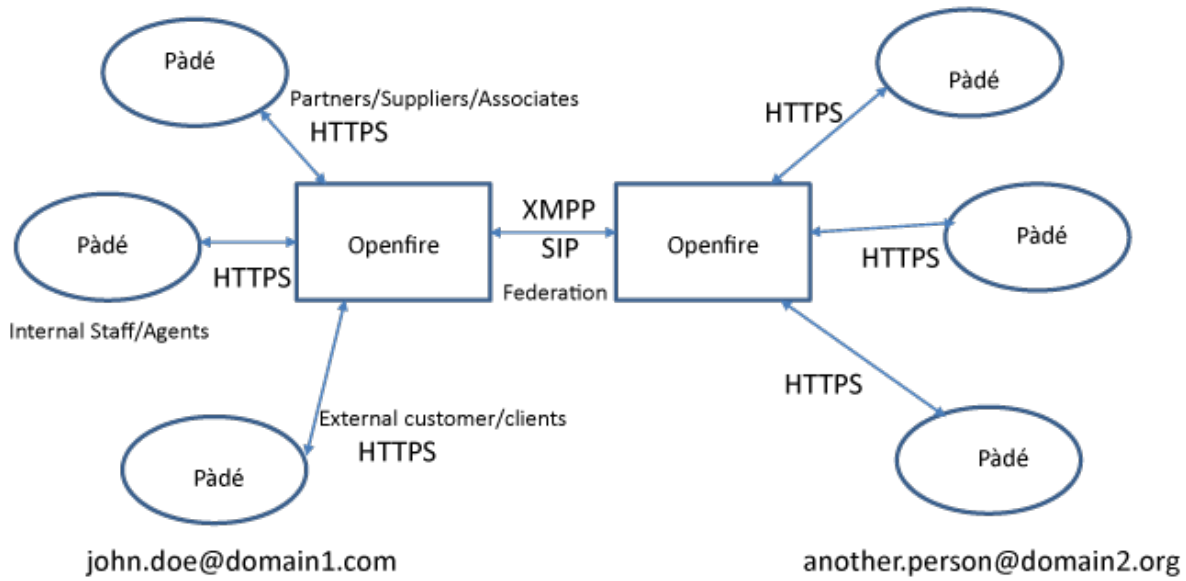
Pàdé Back-End

- Openfire Server
- Openfire Meetings Plugin (Jitsi)
- Openfire Chat API Plugin (REST/SSE API)
- Openfire Switch Plugin (FreeSWITCH)
- Monitoring and Archiving Plugin
- Bookmarks Plugin
- Fastpath Plugin (live chat)
- Solo Blogger Plugin

Business Communication Flows



Architecture



Security

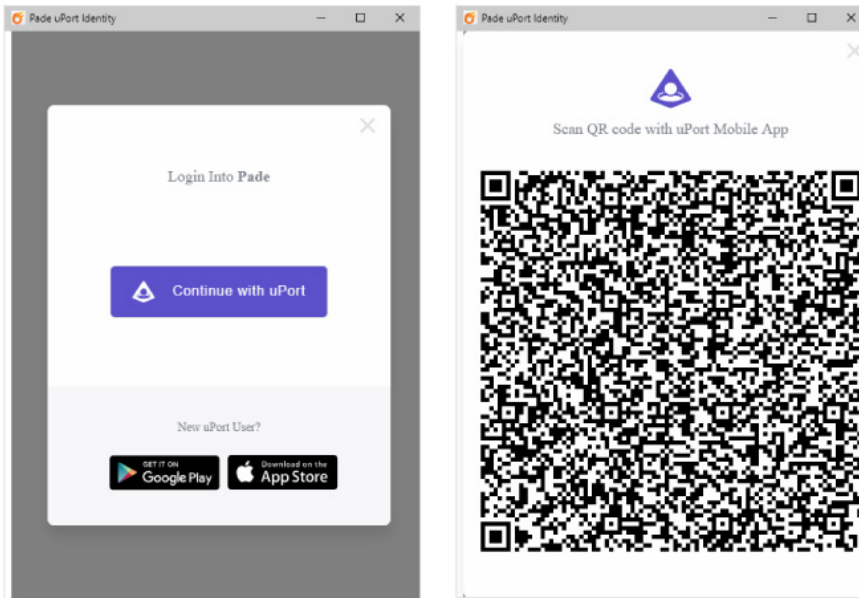
- Pàdé uses standard TLS or MTLS Encryption on all client-to-server and server-to-server connections with server or both client/server certificates.
- Two factor authentication with TOTP (Time based One Time Passwords) from a smart phone.
- Open Identity System for the Decentralized Web (uPort)
- End-to-End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

Pàdé at Chrome App Store

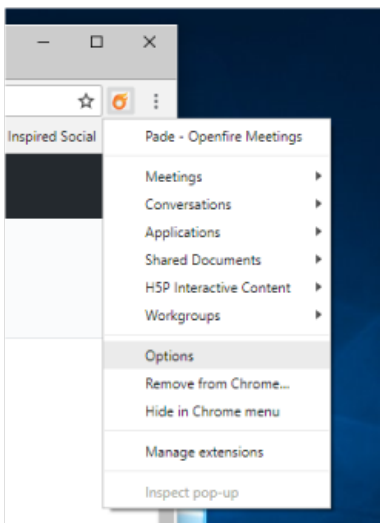
Not yet available for Edge, Firefox and Safari

The screenshot shows the Chrome App Store page for 'Pade - Openfire Meetings'. The app is offered by 'olajide.dede' and has a 3.228 user rating. The page includes a 'Pade - Openfire Meetings' header with a green 'ADDED TO CHROME' button. Below the header are tabs for 'OVERVIEW', 'REVIEWS', 'SUPPORT', and 'RELATED'. The main content area features a video player showing a person in a meeting, a 'Compatible with your device' badge, and a description: 'Pade is an Openfire Meetings Chrome Extension for unified communications'. The description explains that Pàdé (Yoruba word for Meetings) is a Chrome extension that provides a unified communications experience with messaging, audio, video, desktop streaming, and web page co-browsing using Openfire Meetings. It also mentions that Openfire Meetings is a set of Openfire plugins using WebRTC and Jitsi for high-quality, scalable video conferences. The page includes links for 'Website' and 'Report Abuse', and an 'Additional Information' section with details: Version: 0.4.15, Updated: August 23, 2018, Size: 19.31MiB, and Language: English.

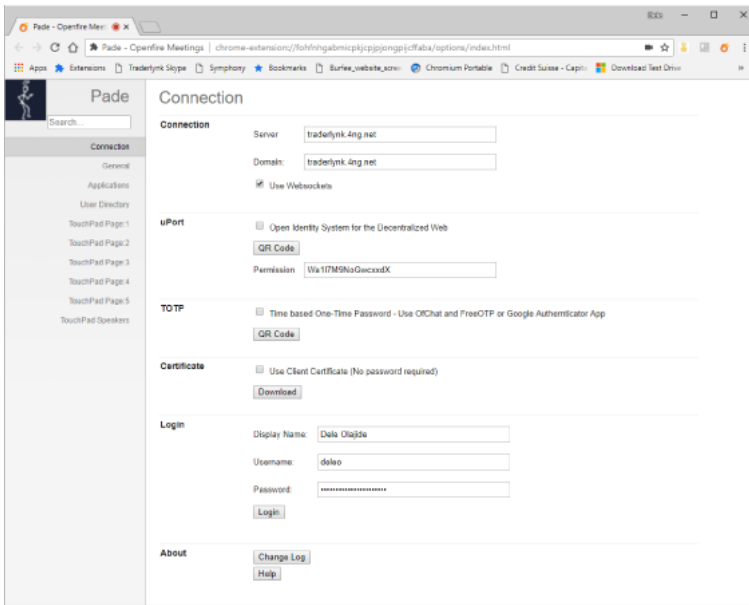
Pàdé Registration & Sign-In (uPort)



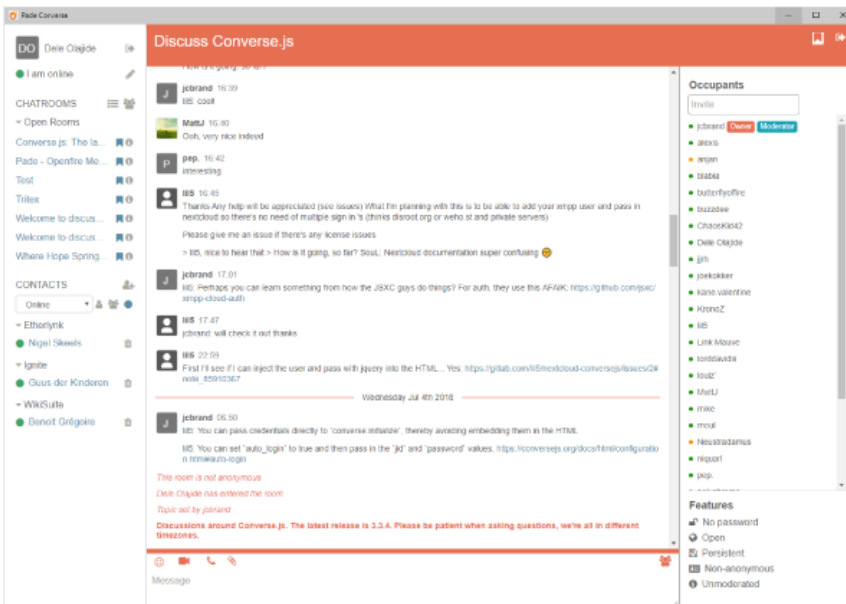
Pàdé Installed



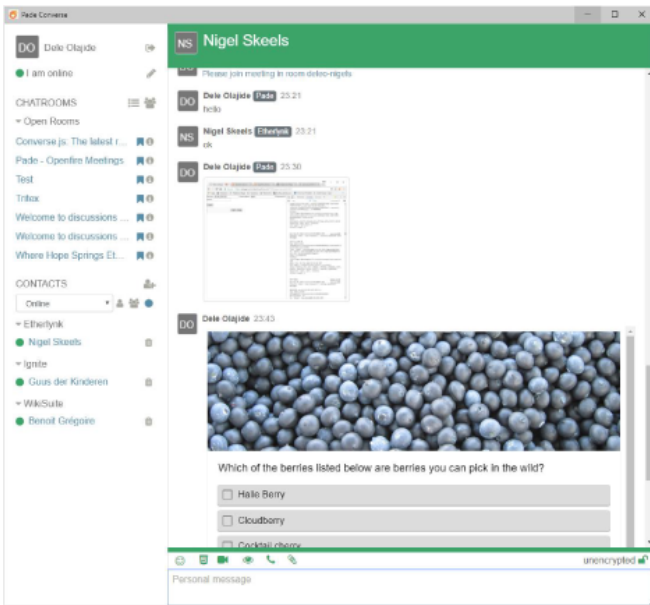
Pàdé Options



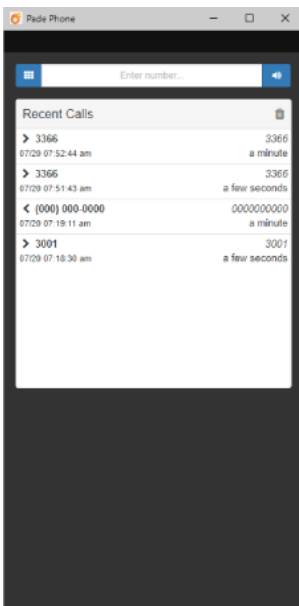
Pàdé Group Chat



Pàdé Private Chat



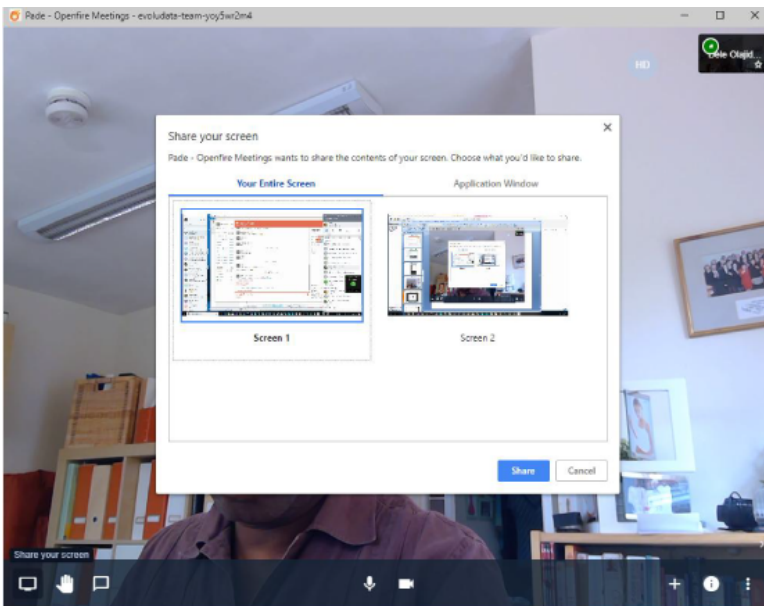
Pàdé SIP Phone



Pàdé Meeting

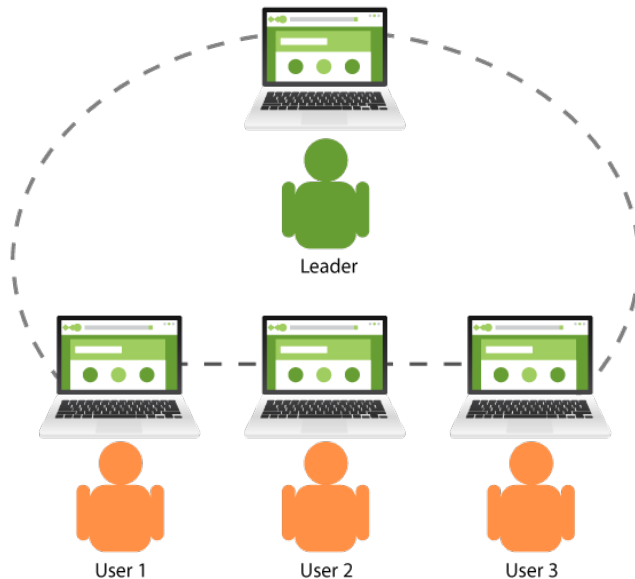


Pàdé Screen Share



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.

The screenshot shows a web application interface with a navigation menu at the top containing 'Server', 'Users/Groups', 'Sessions', 'Group Chat', 'Plugins', 'Fastpath', 'Web Clients', and 'Meetings'. The 'Fastpath' tab is highlighted. Below the navigation menu, there are two tabs: 'Workgroups Manager' and 'Reports'. The 'Reports' tab is active, showing a 'View Previous Chats' and 'View Chat Usage' link. The main content area is titled 'Chat Conversation' and contains two sections: 'Conversation Metadata' and 'Chat Transcripts'. The 'Conversation Metadata' section displays a table with the following data:

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

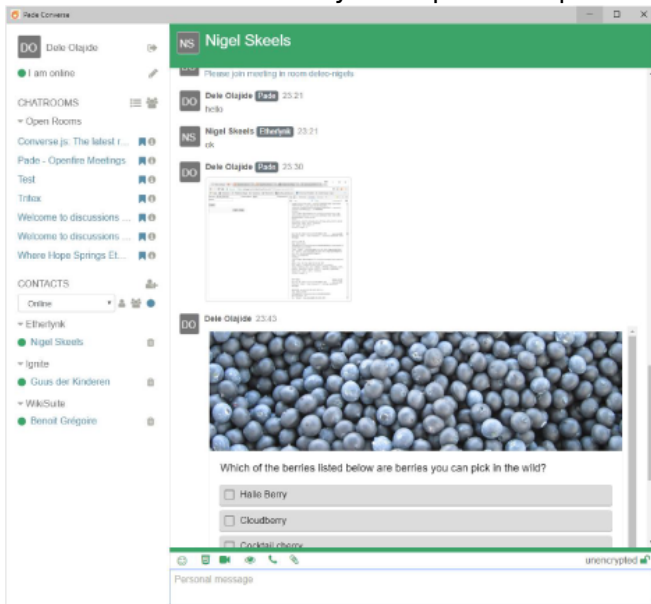
The 'Chat Transcripts' section displays a list of chat messages:

```
[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-zknzw3xxx
[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>.

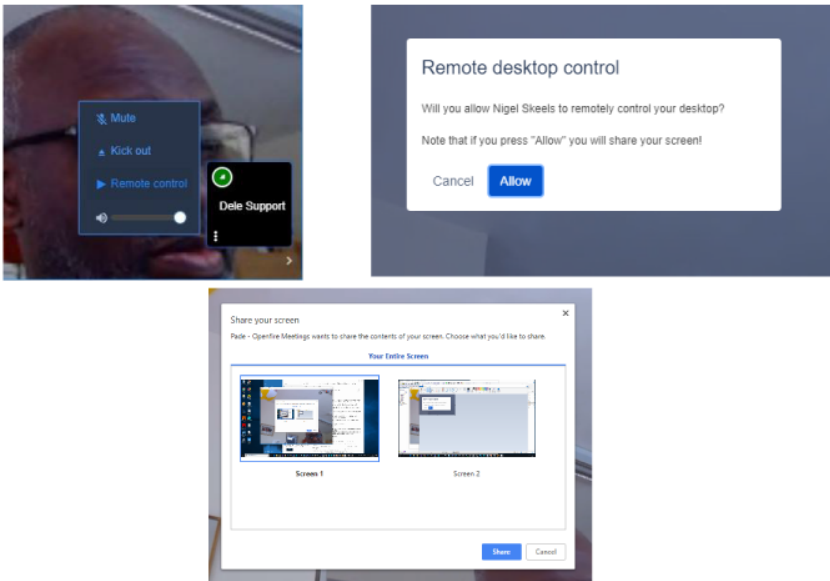
Pàdé H5P interactive content

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:



Pàdé Remote Control

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



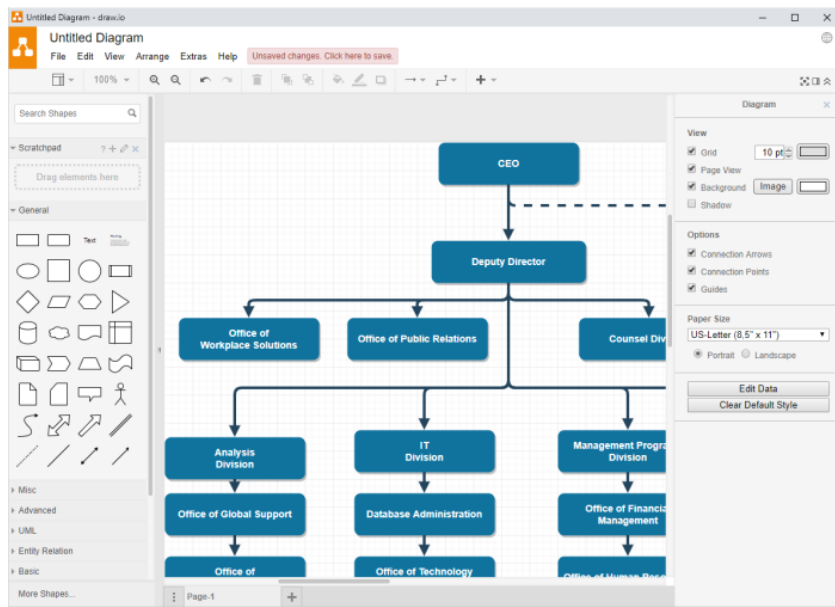
Pàdé App/Doc Sharing

The screenshot shows a Zoom meeting window titled "Pàdé - Openfire Meetings - discuss-jggkbb7m". The main content is a presentation slide with the University of Cambridge logo in the top right corner. The slide text reads: "How to prepare and deliver a presentation", followed by a small purple button labeled "Dele Olajide". Below this, it says "Roberto Cipolla", "Department of Engineering", and "http://www.eng.cam.ac.uk/~cipolla". On the right side of the window, a Zoom menu is open, listing options: "Dele", "Manage call quality", "View full screen", "Share a YouTube video", "Open shared document", "Settings", "Speaker stats", and "View shortcuts". At the bottom of the window, there are icons for chat, mute, video, and a plus sign for additional options.

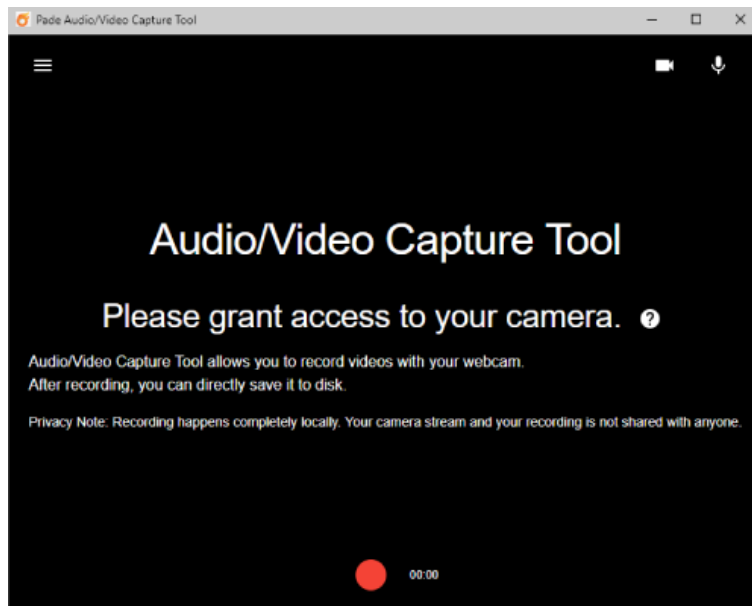
Pàdé Message Blast

The screenshot shows the "Message Blast" application interface. At the top, there is a search bar and a navigation menu with "New Blast", "Sent Blasts", "Pending Blasts", "Help", and "Settings". The main form includes fields for "Send as" (set to "Dele Olajide"), "Reply to" (set to "Dele Olajide"), "Title", and "Message". Below these fields are three checkboxes: "Mark as Critical", "Send later", and "Repeating send date". At the bottom, there is a section for "Additional external recipients" with a text input field and buttons for "Upload CSV" and "Add Attachment". At the very bottom, there are "Send Blast" and "Reset" buttons. On the right side, a "Recipients" panel is open, showing a list of recipients under "Groups" and "Contacts". Under "Contacts", two names are listed: "Nigel Skeels" and "Liam Gregory", each with an unchecked checkbox.

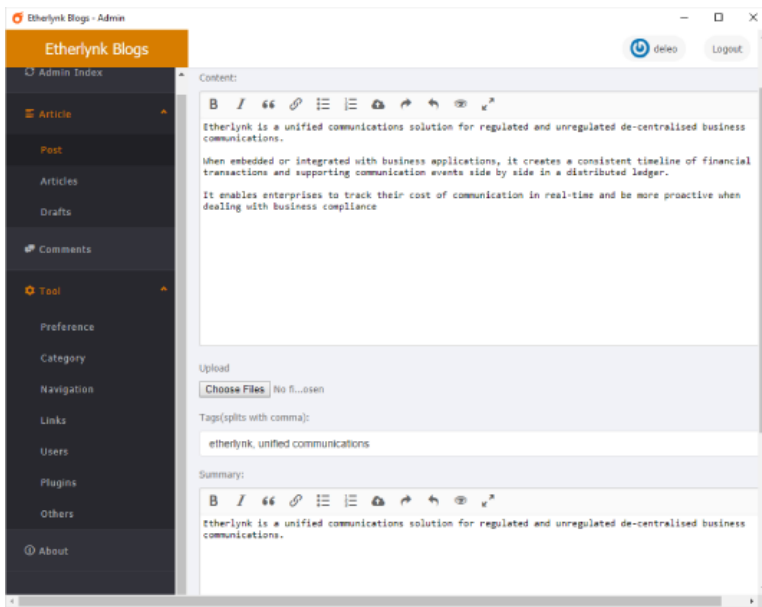
Pàdé Realtime Collaboration on Diagrams



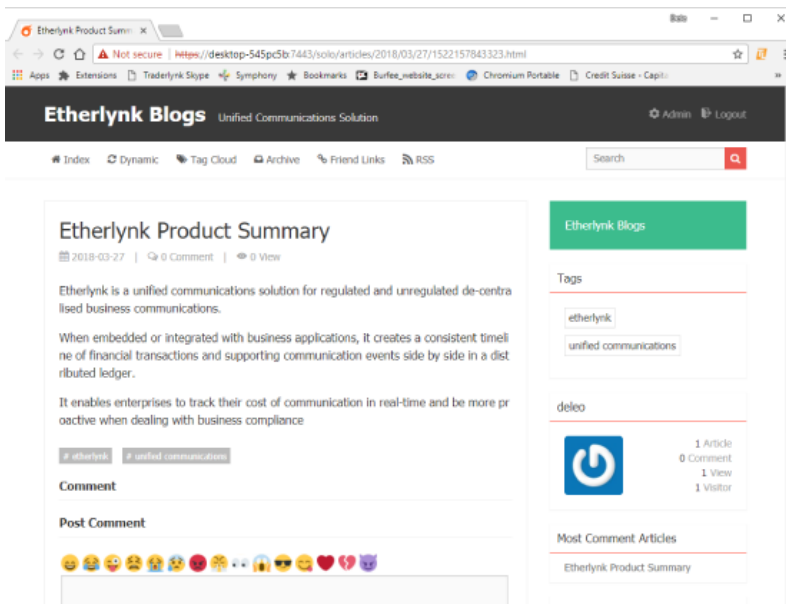
Pàdé Screen/Audio/Video Capture



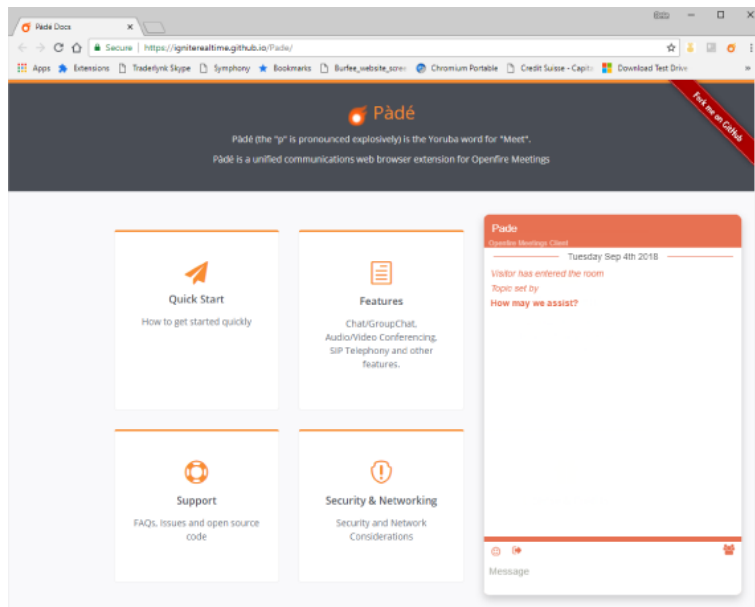
Pàdé Blogger



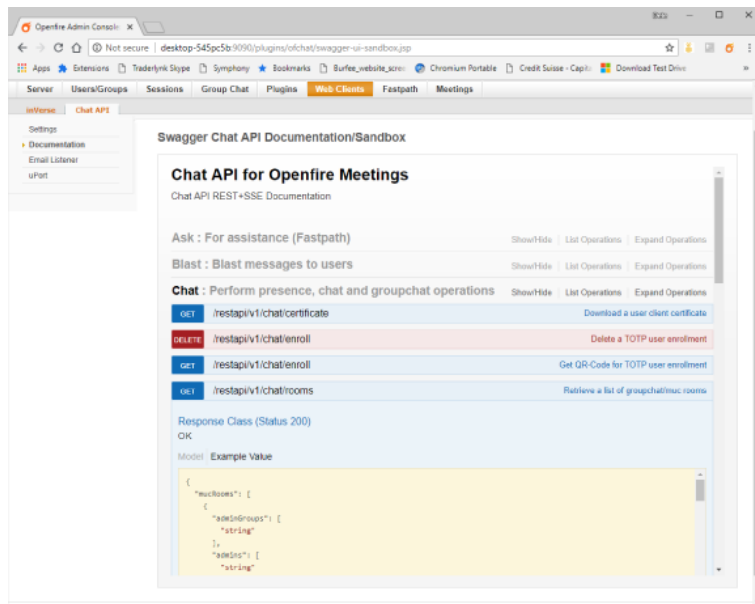
Pàdé Blog Web Site



Pàdé Live Chat



Pàdé Rest API



Pàdé Archiving

The screenshot shows the 'Search Archive' interface in the Pàdé web application. The top navigation bar includes 'Server', 'Users/Groups', 'Sessions', 'Group Chat', 'Plugins', 'Web Clients', 'Fastpath', and 'Meetings'. Below this, a secondary bar contains 'Server Manager', 'Server Settings', 'TLS/SSL Certificates', 'Media Services', 'PubSub', 'Bookmarks', 'Phone', 'Statistics', and 'Archiving'. A left sidebar lists 'Search Archive', 'Archiving Settings', and 'Conversations'. The main content area is titled 'Search Archive' and contains search filters for 'Participant(s)', 'Date Range', and 'Keywords'. Below the filters is a 'Search' button. The results section shows 'Search Results: 211' and a list of 8 search results. The first result is highlighted, showing details for a group chat named 'lobby' on Mar 27, 2018, with 5 participants. A 'View PDF' button is visible next to the details.

Participant(s): Any
Date Range: Start: Any, End: Any
Keywords: (optional)

Search Results: 211
Your search returned 211 results. Select a result on the left to view the chat conversation.

1 - 15 of 211	1 2 3 4 5 6 - 15	Participants: 5 (users)	Message Count: 223	Date: Mar 27, 2018 2:04:47 PM	Duration: 7 min	View PDF
1. Group Chat: lobby Participants: 5	Mar 27, 2018					
2. Group Chat: arena Participants: 1	Mar 27, 2018					
3. Group Chat: test Participants: 1	Mar 27, 2018					
4. Group Chat: lobby Participants: 1	Mar 27, 2018					
5. Group Chat: arena Participants: 1	Mar 22, 2018					
6. Group Chat: test Participants: 1	Mar 22, 2018					
7. Group Chat: lobby Participants: 1	Mar 22, 2018					
8. Group Chat: arena Participants: 1	Mar 22, 2018					

Pàdé Devices - TouchPad

The screenshot shows the 'Pàdé Communicator' TouchPad interface. It features a grid of 16 touch-sensitive buttons. The top row includes a 'Home' button (green circle) and a 'Video Conference' button (white circle). The second row has a 'Screen Share' button (white circle) and a 'Chat' button (white circle). The third row contains an 'Ignite Realtime' button (white circle) and a 'Clear' button (red square). Below the grid are eight vertical sliders, each with a white knob and a vertical line, used for adjusting volume or other settings.

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