Comparison of Open Messaging Solutions

November 2020

	AtomJump Hosted	AtomJump Custom Front-end	AtomJump Server	Mattermost
Open Source	Yes, server hosted on AtomJump	Yes, server hosted on AtomJump	Yes	Yes
Browser-based live chat	Yes	Yes	Yes	Yes
Local storage of messages and users	No	No	Yes	Yes
Indication of users writing	Yes	Yes	Yes	Yes
Group chat	Yes	Yes	Yes	Yes
Private chat	Yes	Yes	Yes	Yes
Share photos	Yes	Yes	Yes	Yes
Share links	Yes	Yes	Yes	Yes
Video conferencing (browser)	Yes	Yes	Yes	Unsure
Share screens	Yes	Yes	Yes	Unsure
Peer to peer payments	Yes	Yes	Yes	Unsure
Residual message memory	Yes	Yes	Yes	Yes
Anonymous Messages	Yes	Yes	Yes	No
Multiple conference rooms	Yes	Yes	Yes	Yes
Open Forum (can access without registration)	Yes	Yes	Yes, optional	No
Anti-spam defences	Yes	Yes	Yes	Unsure
Message search	Yes	Yes	Yes	Yes
General database search (e.g. ODBC)	Yes	Yes	Yes	Unsure
Edit/delete messages	Delete	Delete	Delete	Edit & delete
Send file attachments	In roadmap (jitsi.org off video link supports)	In roadmap (jitsi.org off video link supports)	In roadmap (jitsi.org off video link supports)	Yes
Internet Explorer Support	Yes, >= ver 8	Yes, >= 8	Yes, >= 8	Unsure
Edge Support	Yes	Yes	Yes	Unsure
Firefox Support	Yes	Yes	Yes	Yes
Chrome Support	Yes	Yes	Yes	Yes
Safari Support	Yes	Yes	Yes	Unsure
Chrome Mobile Support	Yes	Yes	Yes	Unsure
Safari Mobile Support (iPhone/iPad)	Yes	Yes	Yes	Unsure
Android Mobile Support	Yes	Yes	Yes	Unsure
Firefox Mobile Support	Yes	Yes	Yes	Unsure
Android App	Yes	Yes	Yes	Yes
iPhone/iPad App	Yes	Yes	Yes	Yes
Windows Desktop	Yes, via browser	Yes, via browser	Yes, via browser	Yes
Mac OSX Desktop	Yes, via browser	Yes, via browser	Yes, via browser	Yes
Linux Desktop	Yes, via browser	Yes, via browser	Yes, via browser	Yes
Secure communication https	Yes	Yes (also from http site)	Yes, optional	Yes, likely enterprise ver
Load balancer cluster	Yes	Yes	Yes, optional	Yes, likely enterprise ver
Server cluster	Yes	Yes	Yes, optional	Yes, likely enterprise ver

Database server cluster	Yes, MySQL (multi-read, single write)	Yes, MySQL (multi-read, single write)	Yes, optional	Yes, likely enterprise ver
Server Software Platform	PHP >=5.3, Some NodeJS plugins	PHP >=5.3, Some NodeJS plugins	PHP >=5.3, Some NodeJS plugins	Go, compiled
Public software additions/alterations	Yes, useful plugins	Yes	Yes	Must be approved
Email notification	Yes	Yes	Yes, optional	Yes, optional
SMS notification	No	Yes, optional	Yes, optional (Twilio account)	Unsure
App notification	Yes, optional	Yes, optional	Yes, optional	Yes
Hosting Platform	Self-hosted, centered in New Zealand	Self-hosted, centered in New Zealand	Any	Any
Download messages in spreadsheet format	Yes	Yes	Yes	Unsure
Live API feed (JSON)	Yes	Yes	Yes	Unsure
Insert Messages API	No	No	Yes	Unsure
Live sentiment analysis	Yes	Yes	Yes	Unsure
Extensions/Plugins	Yes	Yes	Yes	Yes
Platform Integrations	Plugin API available	Plugin API available	Plugin API available	Yes
CSS-level alterations, to match look and feel c	No	Yes	Yes	Unsure, but may require consultants
Interface text alterations	No	No	Yes	No, unless a project developer
Insert into website	No	Yes, a forum can pop up off any link.	Yes, a forum can pop up off any link.	No
Interface in multiple languages	Yes (currently 15 popular languages)	Yes (currently 15 popular languages)	Yes, any	Unsure
Unicode support	Yes	Yes	Yes	Yes
Forum ownership/group ownership	Yes, no limits. Cost for private group.	Yes	Yes	Yes
HTML5-based	Yes	Yes	Yes	Unsure
Any timezone	Yes	Yes	Yes	Yes
Analytics	No	No	Optional, Matomo	Unsure
Social Integrations	Yes, Twitter read and respond	Yes, Twitter read and respond	Yes, optional Twitter read and respond	Unsure
Price	Free, except for private groups	Free, within reasonable use	Free	Free, but may require enterprise edition
Domain	*.atomjump.com	Your own	Your own	Your own
Message backups	Yes, twice daily	Yes, twice daily	Your plan	Your plan
License	Commercial	MIT license	MIT license	MIT license, and MIT compiled license

KEY: Coloured panels show differences between AtomJump installation styles