



XEP-0490: Message Displayed Synchronization

IETF126 Hackathon

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Status quo

Name	Status	Since Version	XEP Version
AutoChat XMPP Client	-	-	-
Beagle IM	✓	-	0.3
Chogram Android	✓	-	0.3
Conversations	✓	-	0.3
Converse.js	✓	4.3.1	-
Dino	✓	0.3	-
Erlang/Elixir XMPP	-	15.2	0.4
Flask Messenger	✓	-	-
Gajim	✓	1.3.0	0.4
Hakcyon	✓	-	0.4
jabber.xt	✓	0.30.0	0.4.0
Kaidan	✓	0.9	1.0.0
Martin	✓	-	0.3
Miranda NG	-	-	0.3
Mucal IM	✓	4.8	1.0.0
MongooseIM	✓	-	0.4
monodies chat	✓	-	0.3
Moxin	✓	0.32	0.4
mxmpp	✓	-	0.4
Mozzy	✓	-	0.4
Prose	✓	-	0.4.1
Prosody IM	✓	0.10.0	1.0.0
python-mxmpp	✓	-	0.2.1
Plaid	✓	4.3.1	-
QtMpp	✓	0.8.1	0.4.1
Siskin IM	✓	-	0.3
Stidge	✓	0.3.0	0.4
xmpp	✓	1.2	0.4
Smack	✓	-	-
Whisp	✓	2.0.1	1.0.0
xmpp-parsers	✓	NEXT	1.0.0

- **XEP-0333: Displayed Markers**
- "Read receipts" let contact know you read a message
- Widely implemented (**29 known implementations**)
- Can be used to sync read state across your own clients
- Only when switched on (Privacy setting)

Synchronized displayed state between clients

Name	Status	Since Version	XEP Version
 Conversations	✓	-	0.1.0
 Fluux Messenger	✓	-	-
 Gajim	✓	2.1.0	0.1.0
 Monal IM	✓	6.3	0.1.0
python-nbxmpp	✓	-	0.1.0
Slide	✓	0.1.0	0.1.0
slixmpp	✓	1.8.6	0.1.0
 xmpp-parsers	✓	0.22.0	1.0.1

- XEP-0490: Message Displayed Synchronization
- Decouples sync and letting contact know
- **Only 8 implementations**

- 2 more implementations
- Revised Security Considerations
- Discussed potential traffic optimization when using both XEP-0333 Display Markers and XEP-0490: MDS

More?

Interested in battle tested, federated instant messaging? Interested in XMPP 2.0?

More!

Join our side meeting on XMPP 2.0. Thursday 15:00. Park Suite 4