layout: layouts/article.html title: "Simplex Chat" date: 2020-10-22 preview: The prototype of SimpleX Messaging Server implementing SMP protocol.

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Simplex chat

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https://simplex.chat

I'd really appreciate your feedback, criticism and suggestions on the open-source idea I was slowly working on since early 2020. I recently made the demo server for the low-level message queue protocol ("simplex messaging protocol") and the website to try to explain the chat idea that would use this protocol.

Haskell protocol implementation: https://github.com/simplex-chat/simplexmq

In short, the protocol defines a minimalist set of commands and server responses (just 7 commands and 5 responses sent over TCP) to operate encrypted message queues with in-memory persistence - the implementation uses STM.

If anything, it was definitely helping to get to know Haskell types etc. much deeper than before :)

Any criticism would be great - thank you in advance!

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