

[matrix]

Sliding Sync from a Dart developer perspective

Hej, jeg er
The one with the braid

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The one with the braid

- [matrix] for healthcare, legacy systems and desktops

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The one with the braid

- [matrix] for healthcare, legacy systems and desktops
- Unix, Flutter engine and Snapdragons

Hej, jeg er

The one with the braid

- [matrix] for healthcare, legacy systems and desktops
- Unix, Flutter engine and Snapdragons
- ask me about night trains

Never
implement
a MSC

apparently the
implementations changed
while working on this talk



Why this talk ?

- I was bored during super-duper important scrum meetings
- Let's share the experience
- beep-boop <3

Sliding Sync in short

(not the scope of this talk)

- Server side state resolution
- High-level view-based sync endpoint
- Simplified initial sync
- Performance boost

[Datrrix] mart SDK

[Datrix] mart SDK

Huge credits to my friends from
Famedly <3 !



Dart side



Dart side

- SlidingClient based in the SDK



Dart side

- SlidingClient based in the SDK
- SlidingSyncProxy on Flutter side



Goal

- backward compatibility with Sync v2
- pure drop in replacement for clients



SlidingClient

- listens on sliding windows
- syncs sliding windows with API endpoints
- provides streams for room states

SlidingClient \Leftrightarrow SlidingSyncProxy

SlidingSyncProxy

- Flutter sliver delegate
- handling scroll position
- provides sliding window streams



Great, can I try it ?

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No.



Prospect

- streamlining with implementations in wild
- discussing new Flutter APIs with Famedly
- profit !



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