matrix

Sliding Sync from a Dart developer perspective

• [matrix] for healthcare, legacy systems and desktops

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- Unix, Flutter engine and Snapdragons

- [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?

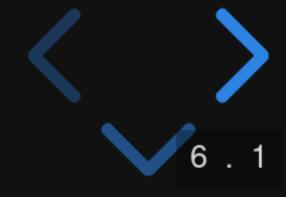
- I was bored during super-duper important scrum meetings
- Let's share the experience
- beep-boop <3

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

[Datrix] 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

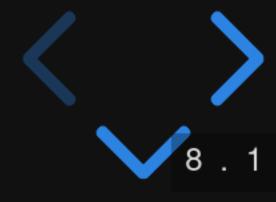


Goal

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

SlidingClient

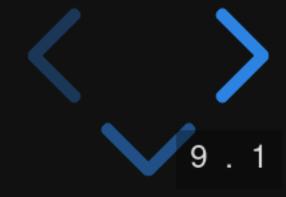
- listens on sliding windows
- syncs sliding windows with API endpoints
- provides streams for room states



SlidingSyncProxy

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

Great, can I try it?



Great, can I try it? No.



Prospect

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

Imatrix