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SINGLE PAGE APPLICATIONS...

DISCLAIMER:

I LOVE SINGLE PAGE APPS

WHY ARE WE BUILDING SPAS IN A FIRST PLACE?

▸ Users love them!

▸ Because of native like experience

SPA ADVANTAGES OVER MPA

▸ User Experience

▸ Faster page loading times

▸ No need to write server code

▸ Decoupling of front-end and back-end development

▸ Perception of speed

▸ Simplified mobile development (API and/or UI components)

SPA DISADVANTAGES TO MPA

▸ Complexity and scalability

▸ First load is slower (loading / blank page)

▸ Heavy client frameworks

▸ UI code is not compiled

▸ Perception of speed (it is still a perception)

▸ SEO (universal rendering)

▸ Memory management (phones)

▸ Crazy state of JS development/ecosystem (leftpad)

MAKE SINGLE PAGE APP WHEN IT MAKES SENSE

▸ There is manpower to do it

▸ UX is essential

▸ It is an app, not a marketing website

▸ You don't care about SEO
(yes I know about universal rendering)

▸ It is a realtime app (chat)

OTHER THINGS TO HAVE IN MIND

▸ Be careful when choosing FE framework

▸ Frameworks expect you to develop in a certain way

▸ Universal rendering is adding ever more complexity

HOW CAN WE MAKE IT EASIER?

▸ Rethink if combination of server and client would work (Laravel + Vue.js is a good example)

▸ Reusing templates (widgets)

▸ Split your big app into a few smaller SPAs

Shameless self promotion:

http://stanko.github.io/

THANK YOU!

QUESTIONS?