

ÚSKALÍ FRONTEND VÝVOJE GLOBÁLNÍHO PRODUKTU

TOMÁŠ HRSTKA

15. 11. 2023

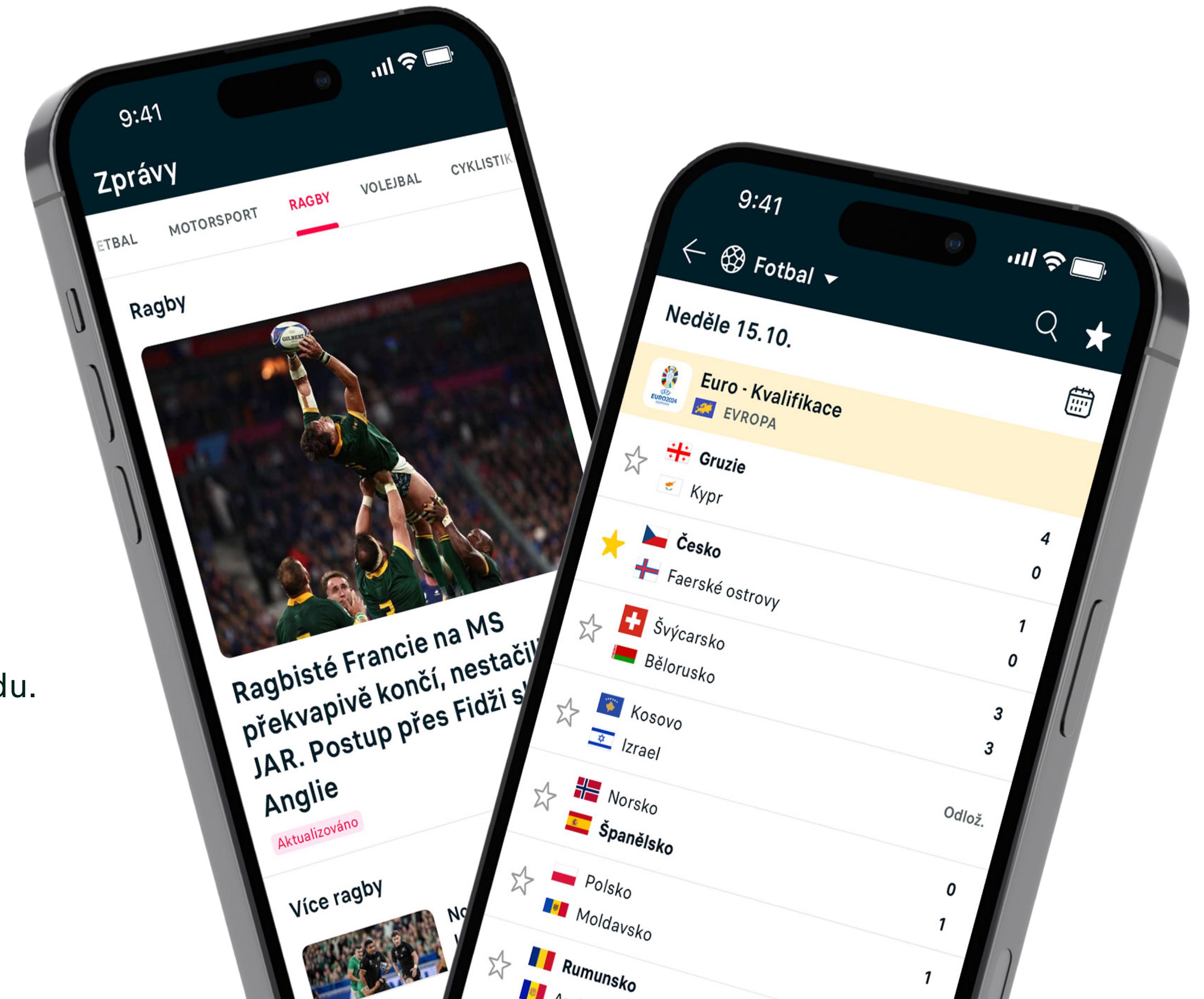


KDO JSEM?



TOMÁŠ HRSTKA

- Frontend web team leader.
- Pracuji na produktu Flashscore.
- Držíme na uzdě technický dluh na frontendu.



GAME CHANGING NUMBERS

50

fully localized projects

100+ MIL.

users worldwide

20

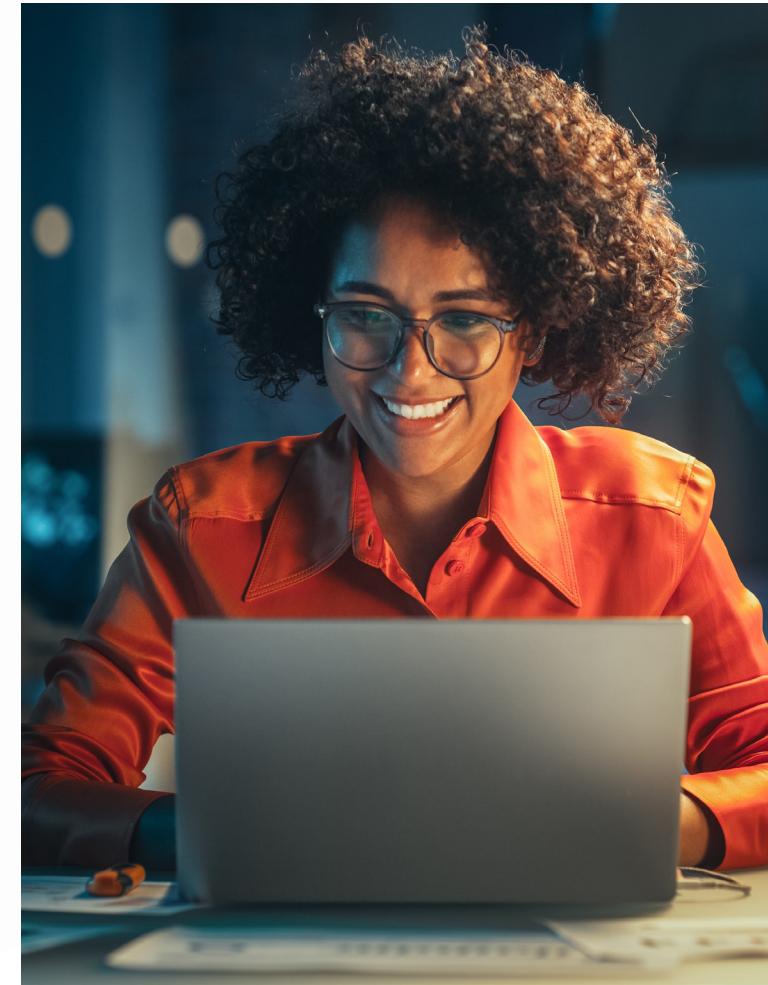
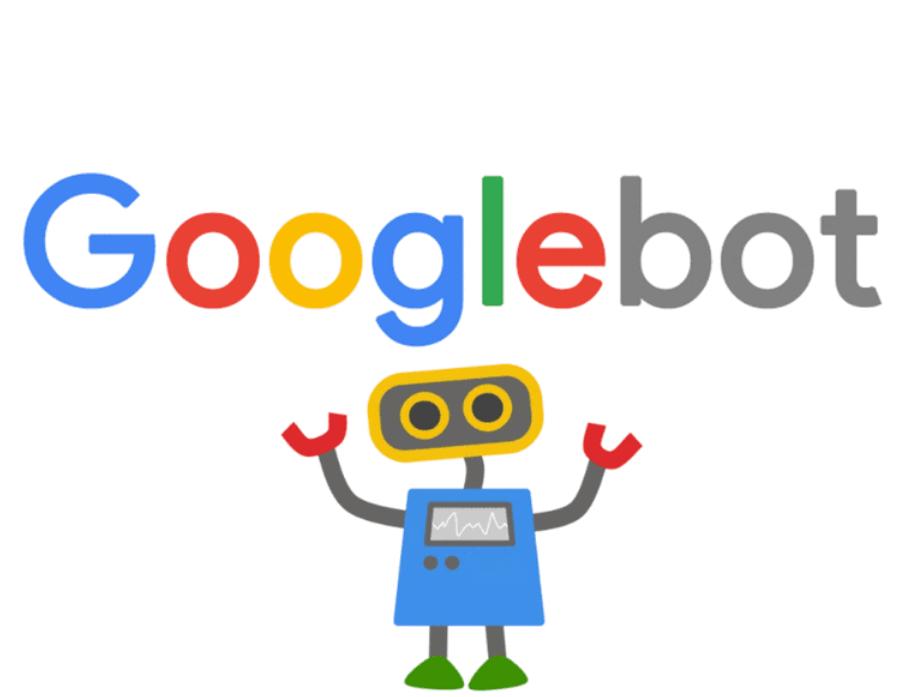
websites

4,5 MLD.

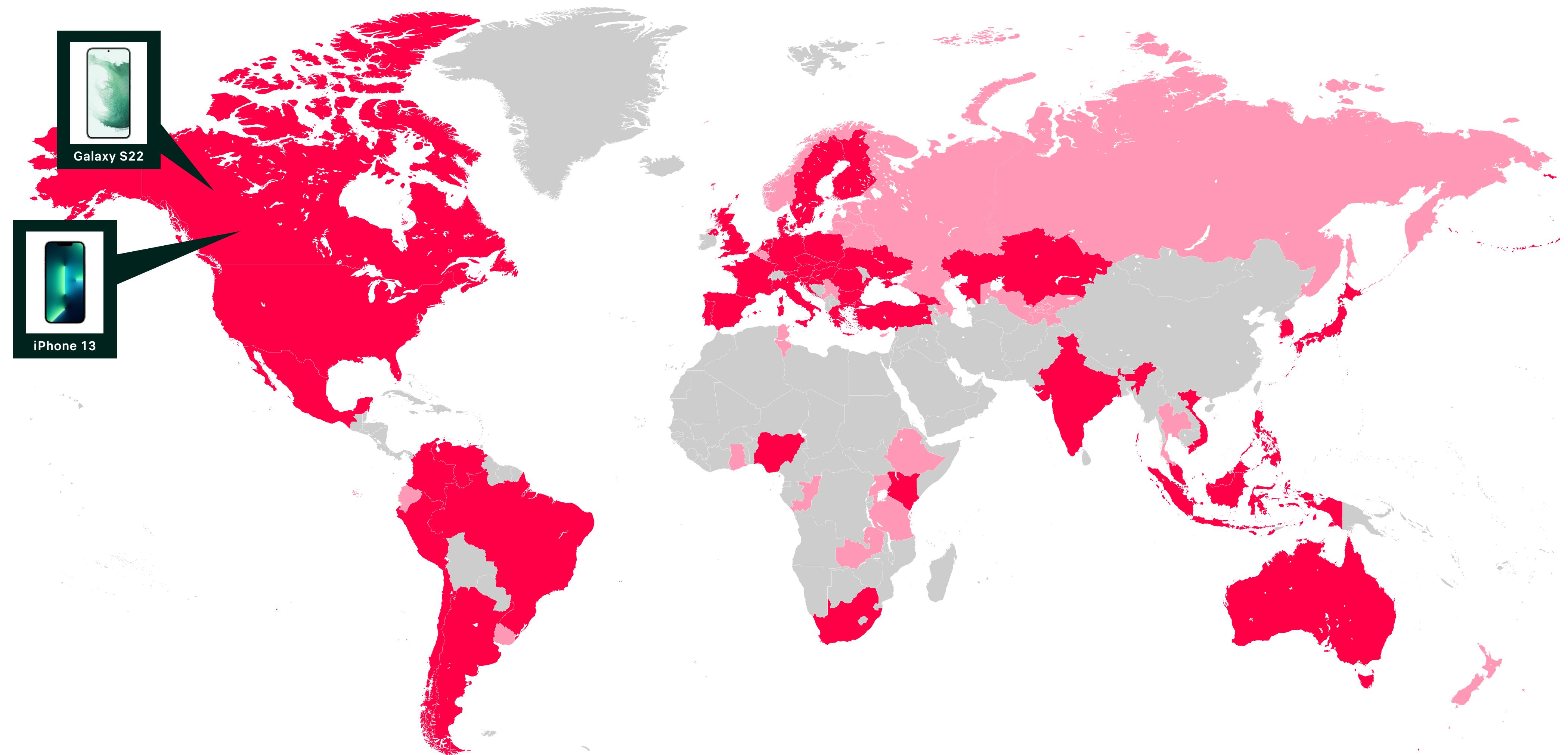
web page views

LIVESPORT

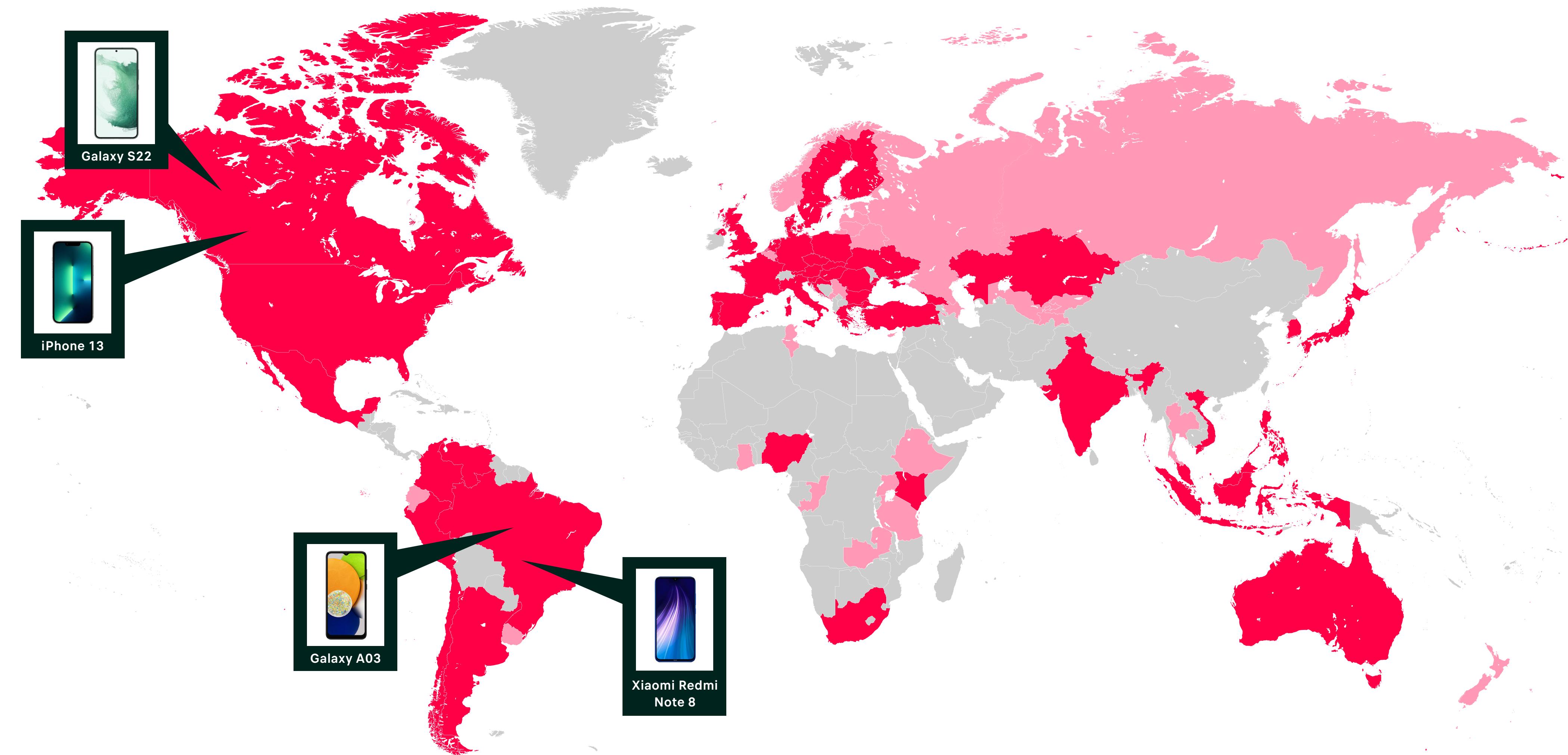
LIVESPORT TALK XVI



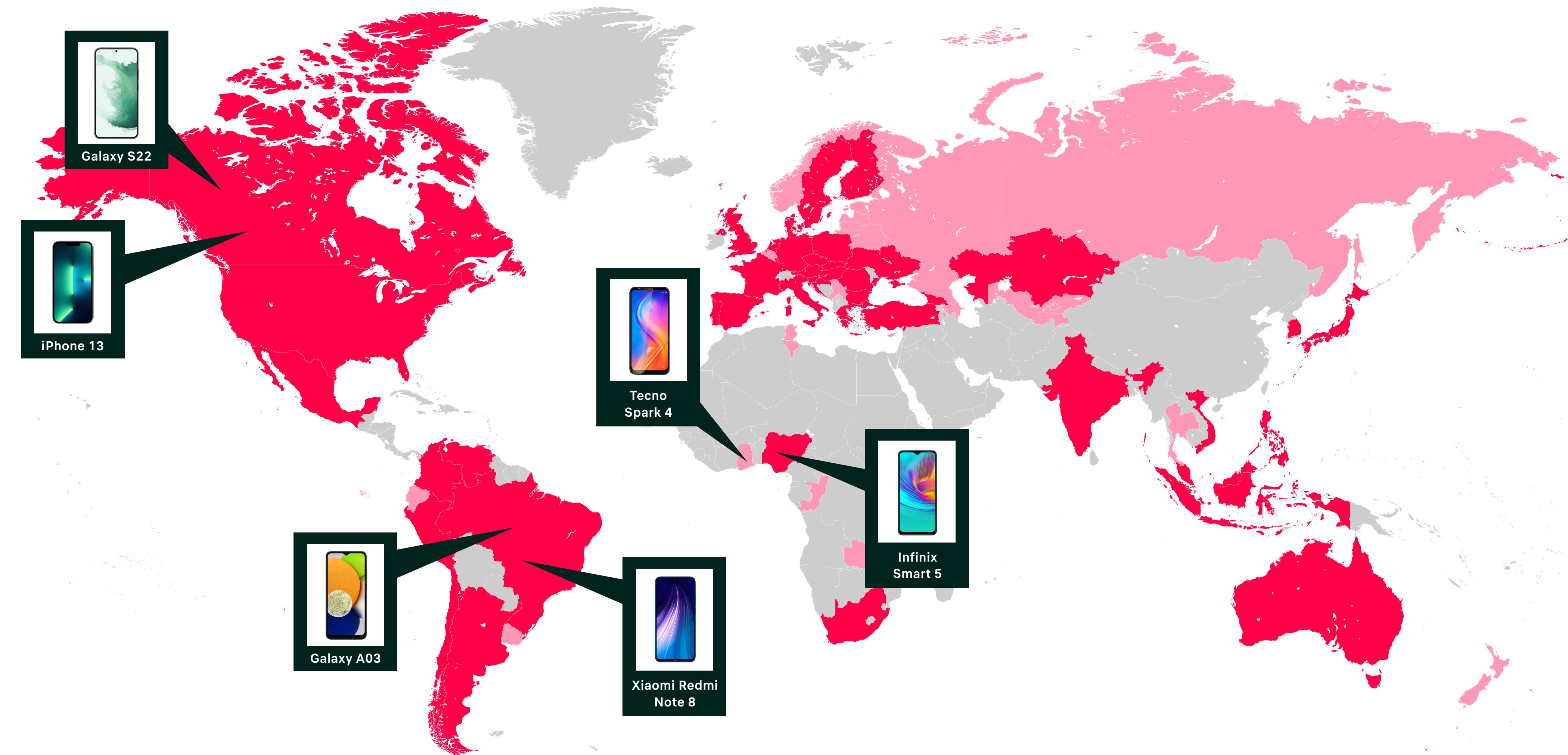
USME GLOBÁLNI



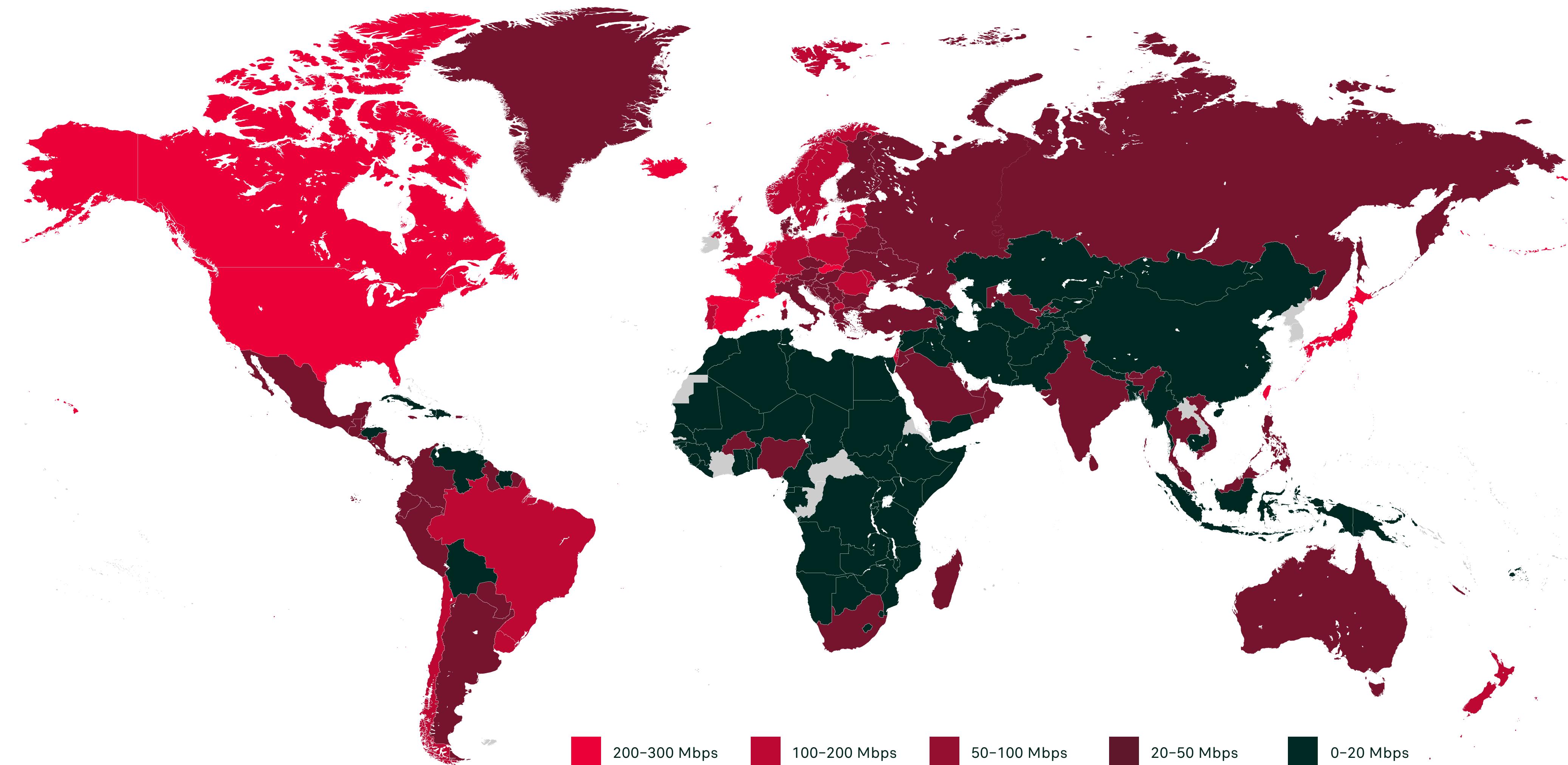
USME GLOBÁLNÍ



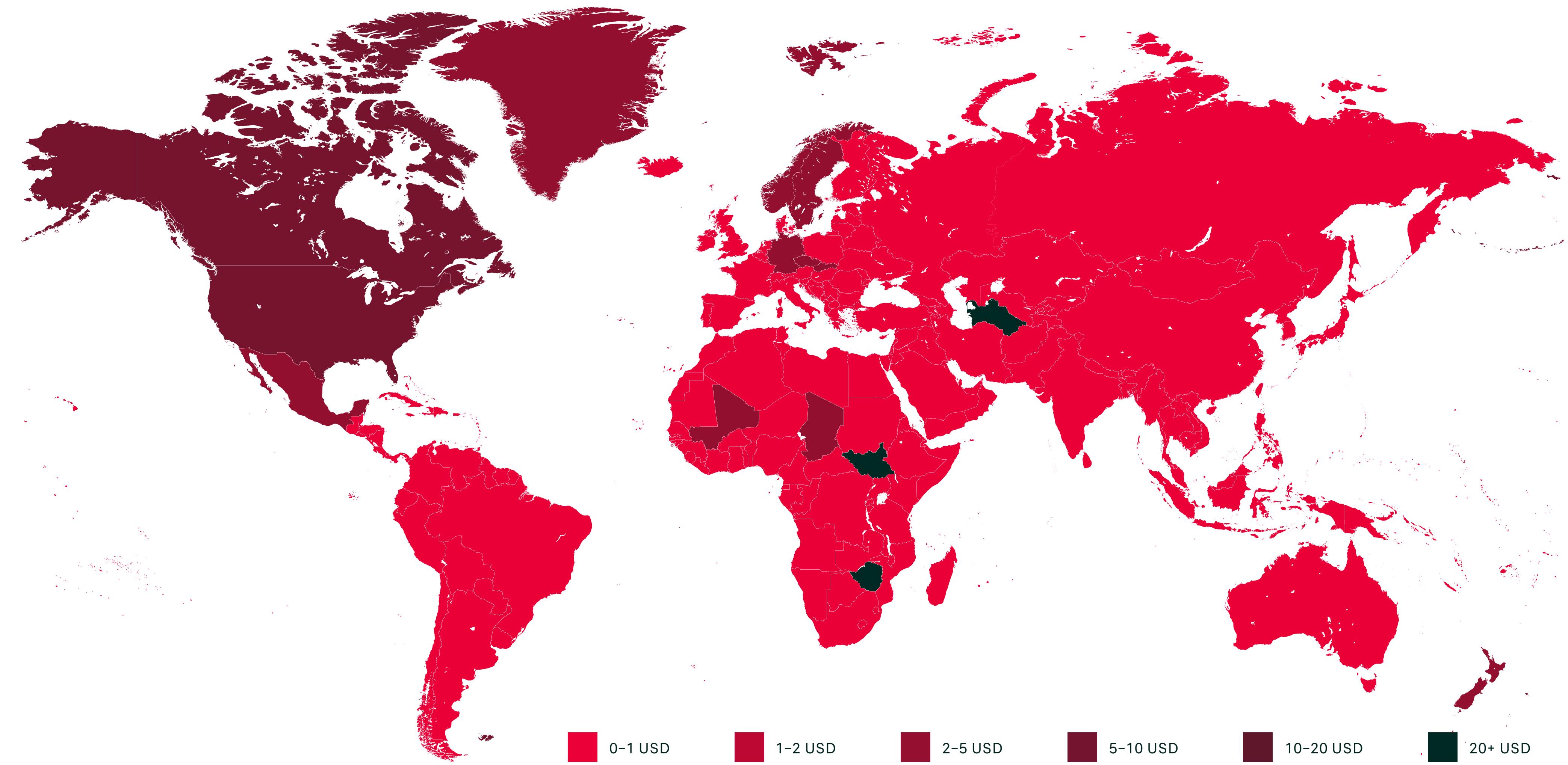
USME GLOBÁLNÍ



RYCHLOST INTERNETU



CENA MOBILNÍCH DAT

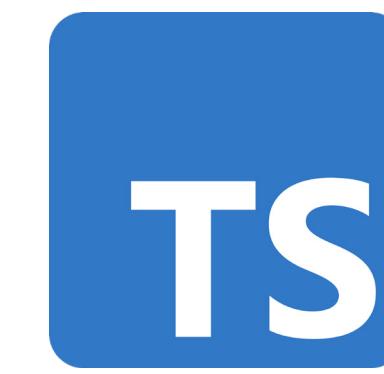
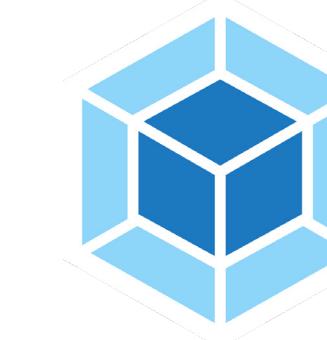
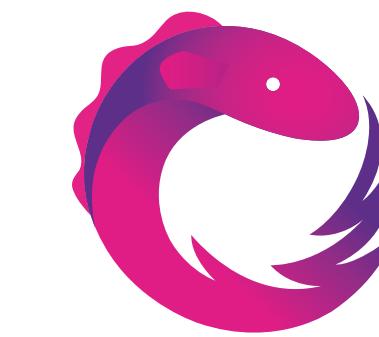
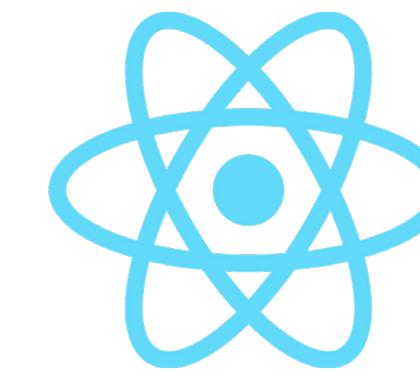


JAKÝ JE TEDY IDEÁLNÍ WEB?

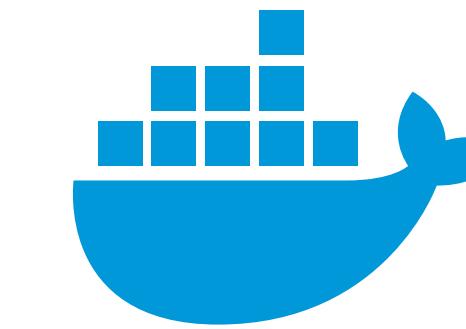
- Malý datový objem.
- Nízká náročnost na procesor, baterii zařízení.
- Funguje bez javascriptu – wut?
- Lehký na použití, intuitivní – produktové oddělení.
- Responzivní, přístupný – komponentová knihovna.

NO SSR META-FRAMEWORK? NO PROBLEM!

FRONTEND:



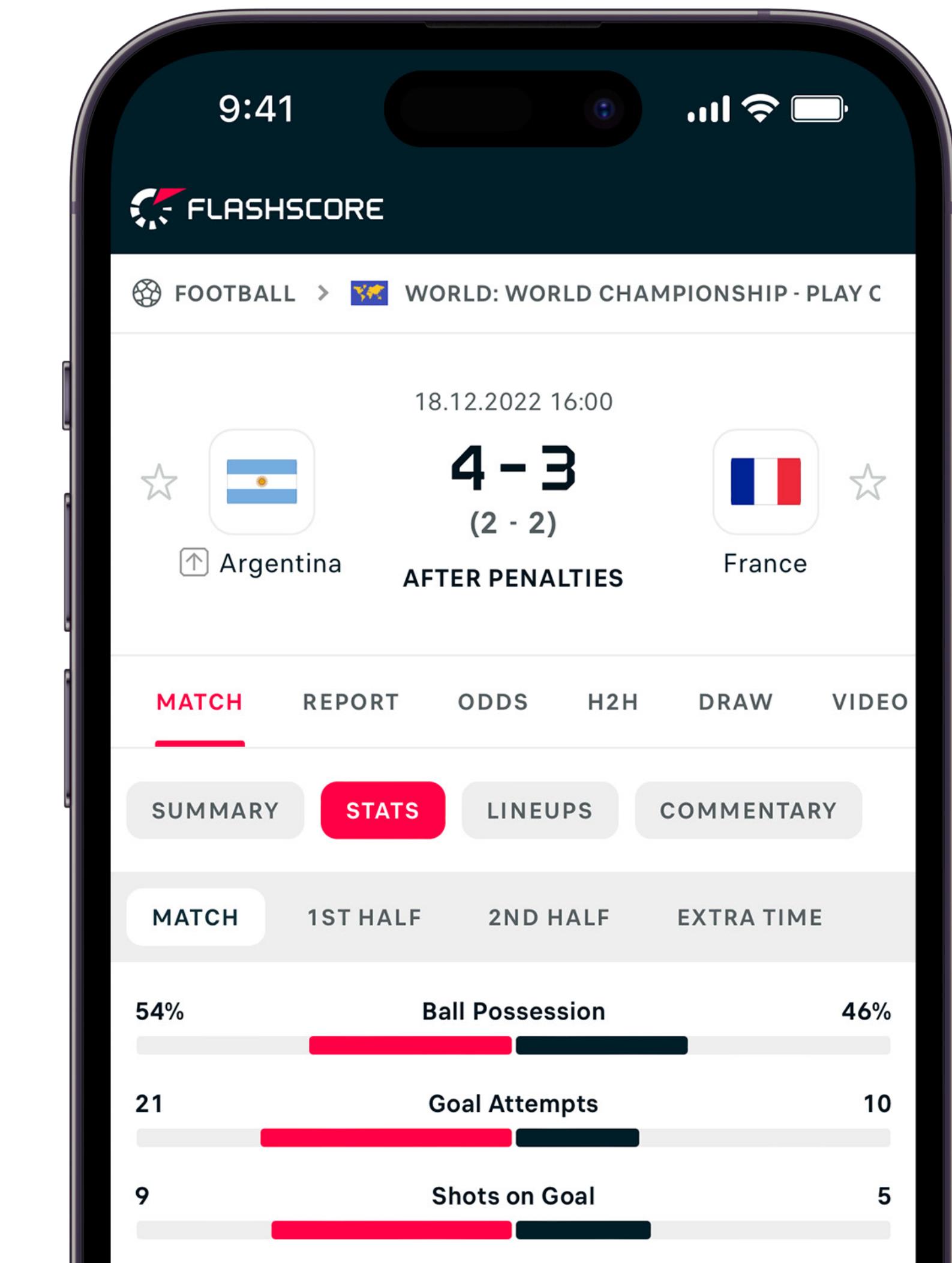
BACKEND:



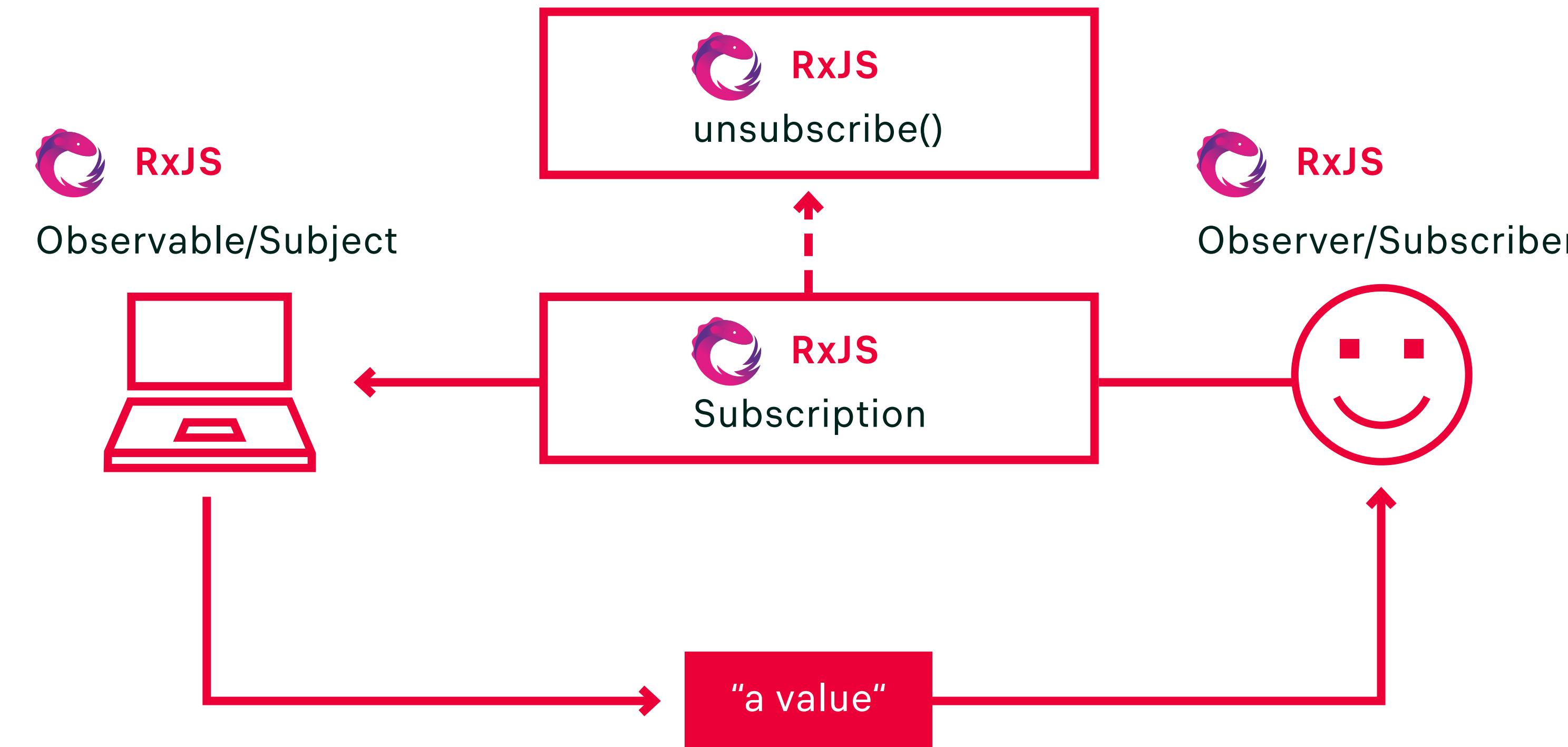
LIVE CODING TIME

WISH ME LUCK

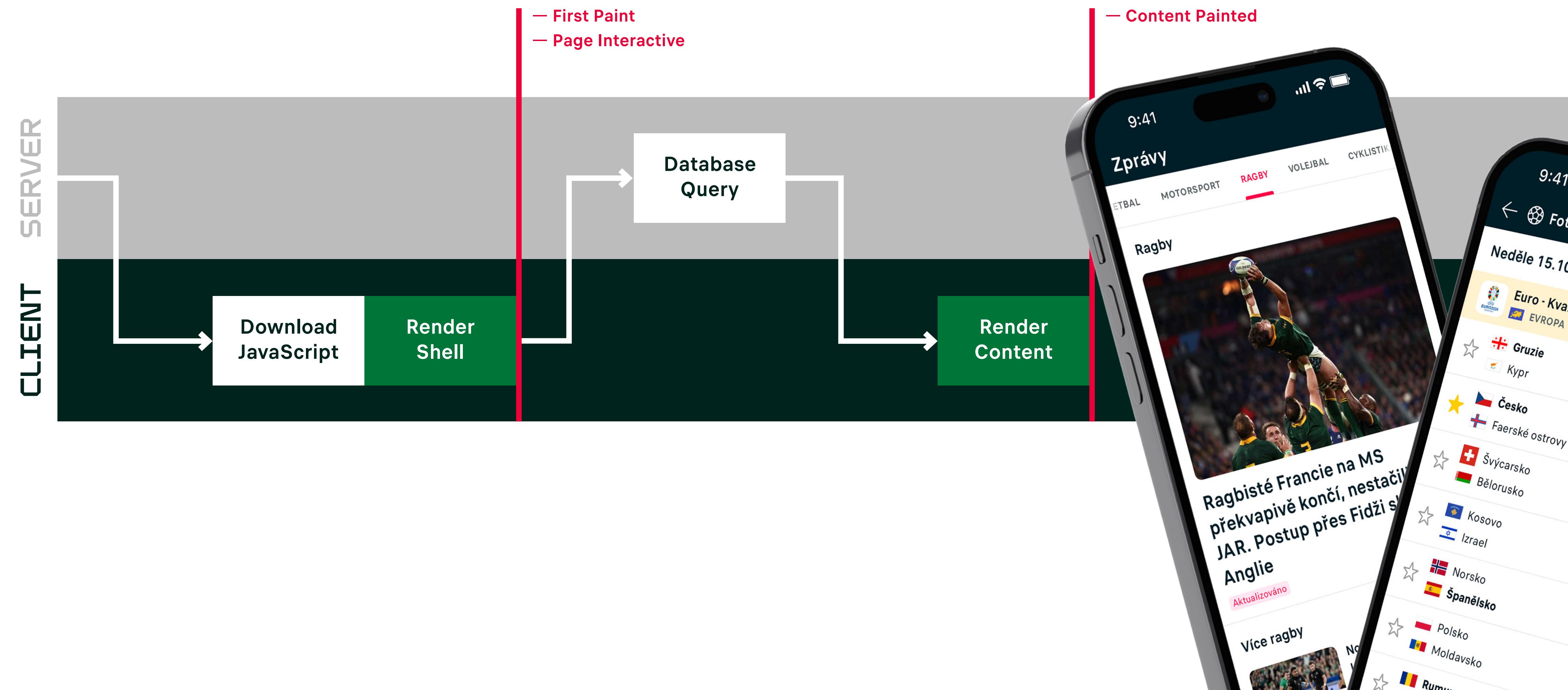
- Použijeme komponenty z předchozího talku.
- Zreplikujeme statistiky z Flashscore.



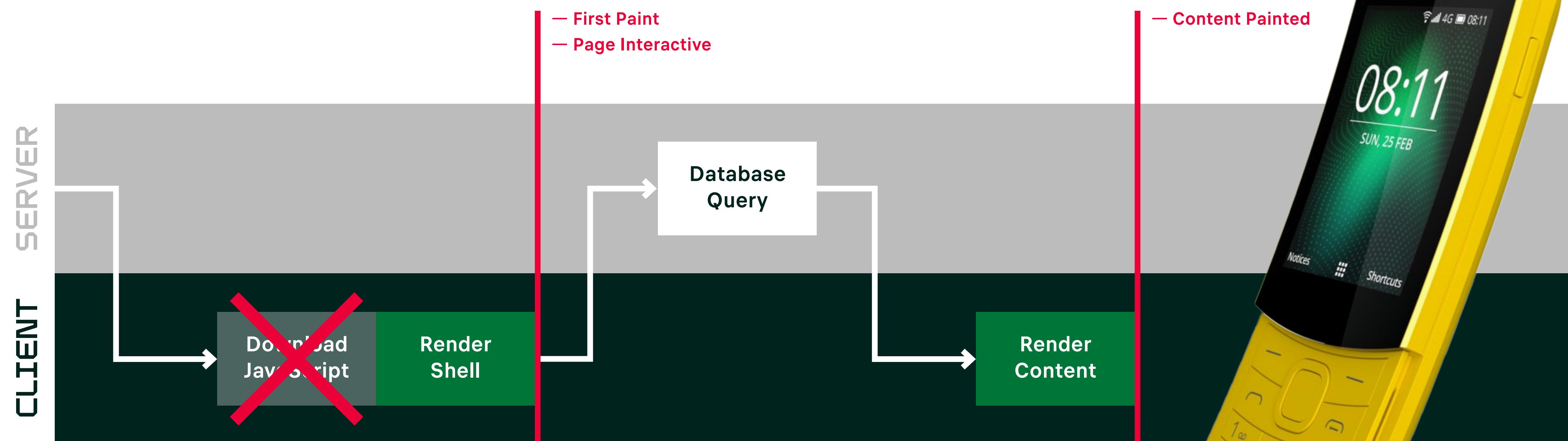
OBSERVABLE PATTERN



CLIENT SIDE RENDERING



CLIENT SIDE RENDERING



DISABLE JAVASCRIPT



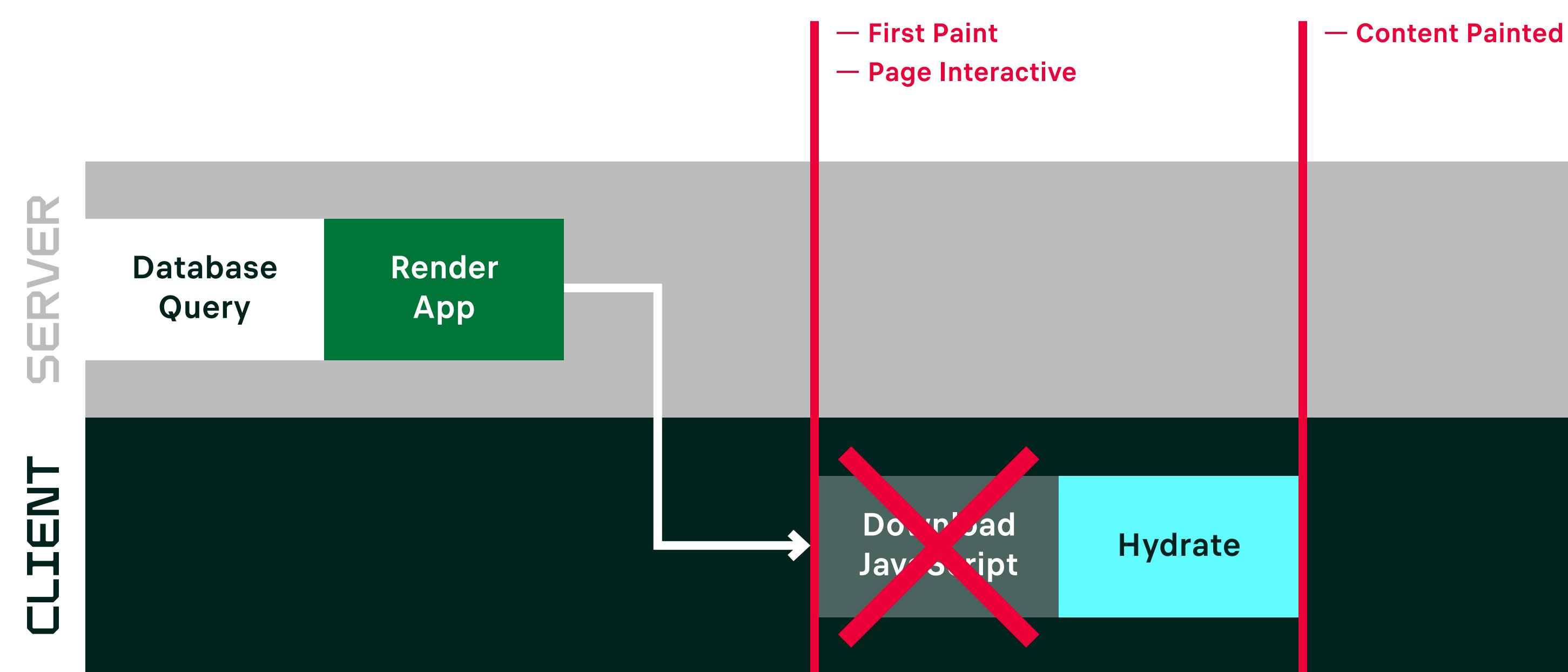
NO JAVASCRIPT? NO WORRIES!



**USE JAVASCRIPT TO
ENHANCE THE EXPERIENCE,
NOT ENABLE IT.**

— Kent C. Dodds
Web App Fundamentals

SERVER SIDE RENDERING



LIVE CODING TIME I'M NOT DONE YET

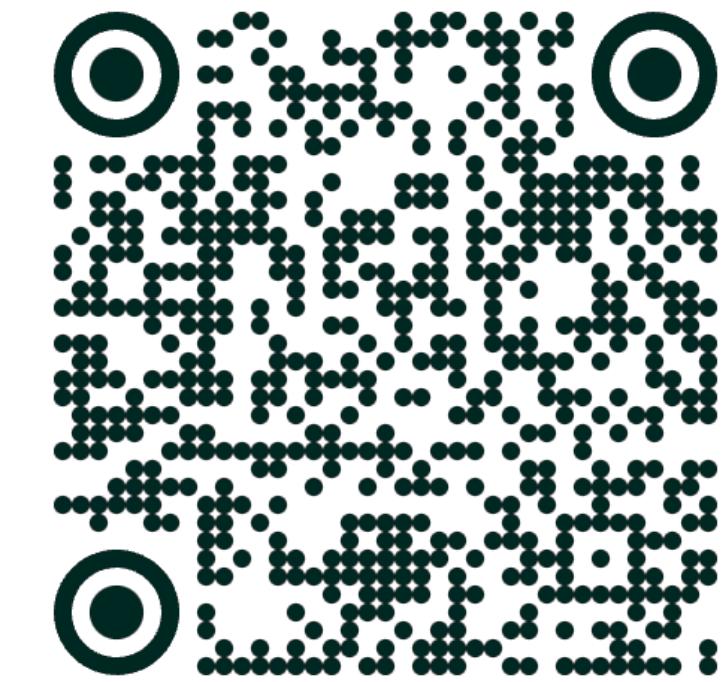
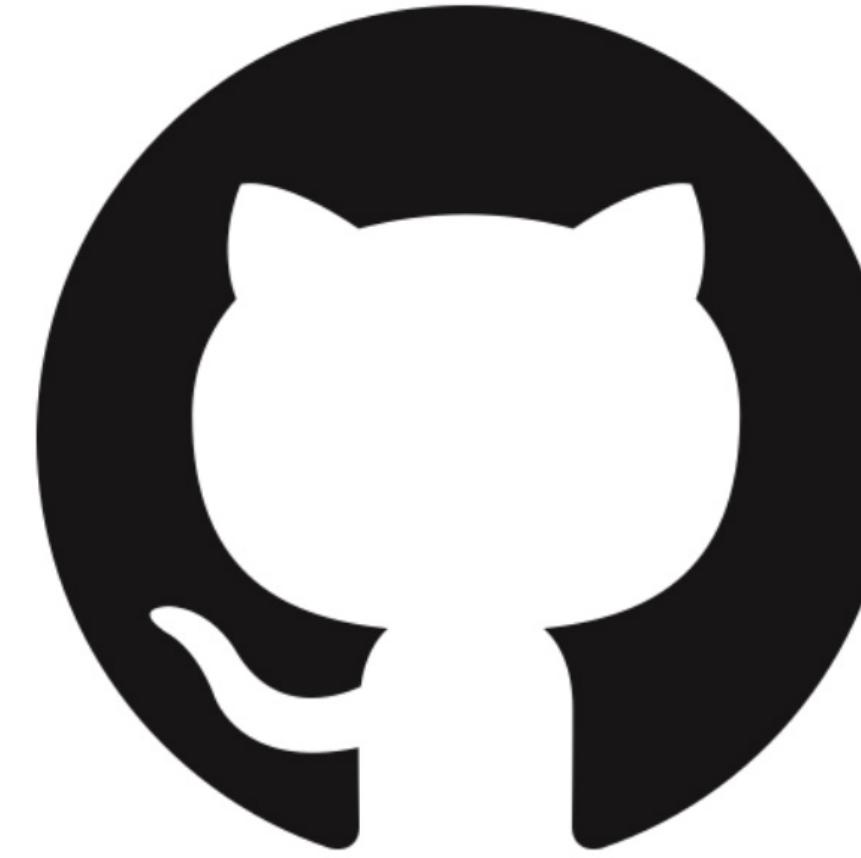
- Server side rendering.
- Client hydration.



CO JSEM TO TEO VÍDEL?

PHP IS SO 2012 - NO, IT'S NOT!

- Vytvořili jsme sekci statistik, jako je na Flashscore.
- Server side rendering react komponent postavený na PHP.

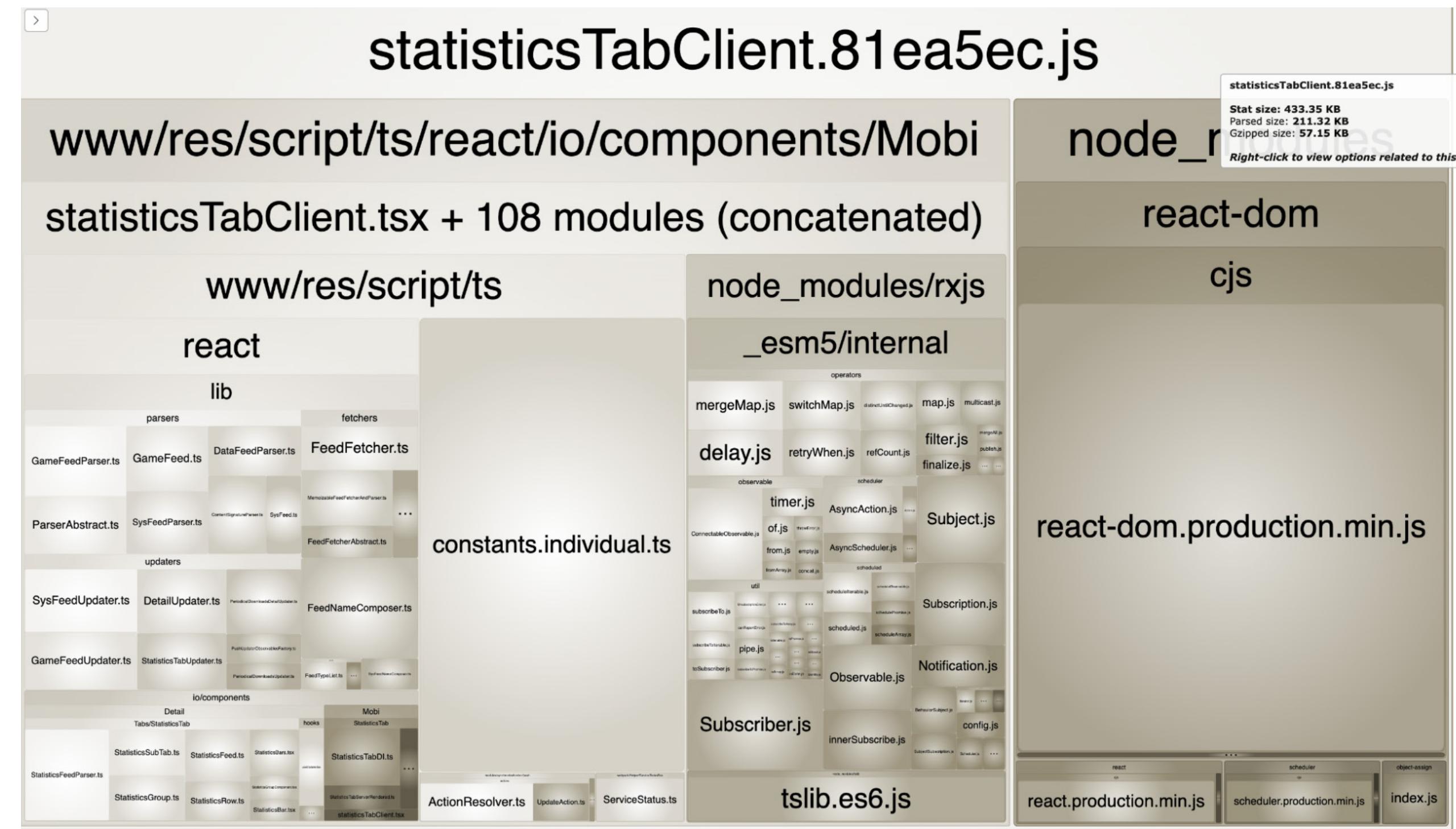


A V PRAXI?

PŘESNĚ JAK JSTE VIDĚLI

- 45 min - Server side rendering statistik.
- 2 hod - Hydratace a aktualizace dat.
- 5 hod - optimalizace bundle size javascriptu (57KB).

flashscore.mobi



POVEOLO SE
NÁM TO RYCHLE,
ZENÍ TO ALE
SAMO SEBOU

INVESTUJEME DO TECHNOLOGIÍ

Statistics

Střely na branku

Name	Description	Default	Control
name*	ReactNode	-	"Střely na branku"
homeValue*	string	-	6
awayValue*	string	-	9
homeValueLabel	string	-	Set string
awayValueLabel	string	-	Set string
className	string	-	Set string

FLASHSCORE

FOOTBALL > WORLD: WORLD CHAMPIONSHIP - PLAY OFFS - FINAL

18.12.2022 16:00

4-3
(2 - 2)
AFTER PENALTIES

Argentina vs France

SUMMARY

Mission accomplished for Maestro Messi

Match highlights Flashscore

1ST HALF

23' 1-0 Messi L. (Penalty)

36' 2-0 Di Maria A. (Mac Allister A.)

Giroud O. Thuram M. 41'

Dembele O. Kolo Muani R. 41'

45+7' Fernandez E. (Foul)

2ND HALF

64' Acuna M. Di Maria A.

(Tripping) Rabiot A. 55'

Griezmann A. Coman K. 71'

Hernandez T. Camavinga E. 71'

(Penalty) Mbappe K. 2-1 80'

(Thuram M.) Mbappe K. 2-2 81'

(Diving) Thuram M. 87'

FLASHSCORE

ALL FOOTBALL TENNIS BASKETBALL RUGBY WORLD CUP MORE

FLASHSCORE NEWS > FOOTBALL > TEN FOR EXCEPTIONAL: FLASHSCORE INTRODUCES FOOTBALL

Ten for exceptional: Flashscore introduces football player ratings into our stats universe

Flashscore, 29.03.2023 14:17

Each player begins with a base rating of six, with an extraordinary performance garnering a maximum score of ten Flashscore

How did a particular player perform in the game they were involved in? Did they succeed, have an average performance or even fail? Flashscore introduces a new feature that works with the individual stats of footballers appearing in more than 80

LET'S DISCUSS



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