

Как на самом деле работать над перформансом веб-приложения



Наталья
Стусь

Яндекс



auto.ru

Добавить

Все

Новые

С пробегом

Kia

Ceed

Поколение

Показать скидки



В кредит



Параметры

Продажа автомобилей > Kia > Kia Ceed

Купить Kia Ceed

3 692 предложения

По актуальности

Kia Ceed III Рестайлинг, 2022

2 080 000 ₽

Купить в кредит



4 000 км

Серебристый



https://auto.ru/cars/kia/ceed/all/

60

Performance

Values are estimated and may vary. The [performance score is calculated](#) directly from these metrics. [See calculator.](#)

▲ 0–49

■ 50–89

● 90–100

METRICS

■ First Contentful Paint

2.9 s

▲ Speed Index

6.0 s

■ Largest Contentful Paint

3.4 s

[View Original Trace](#)

[View Treemap](#)

▲ Time to Interactive

9.7 s

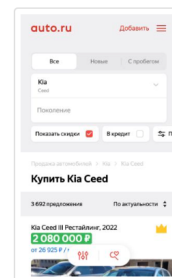
■ Total Blocking Time

540 ms

● Cumulative Layout Shift

0

Expand view





Reduce JavaScript Execution Time

Efficiently Encode Images

Avoid an Excessive DOM Size

Preload Key Request

Avoid Chaining Critical Requests

Avoid Enormous Network Payloads

Keep Request Counts Low

Preconnect to Required Origins

Defer Offscreen Images

Ensure Text Remains Visible During Webfont Load

Eliminate Render-Blocking Resources

Enable Text Compression

Avoid Multiple Page Redirects

Serve Image in Next-Gen Formats

Reduce Server Response Times

Minify CSS

Properly Size Images

Use Video Formats for Animated Content

Remove Unused CSS

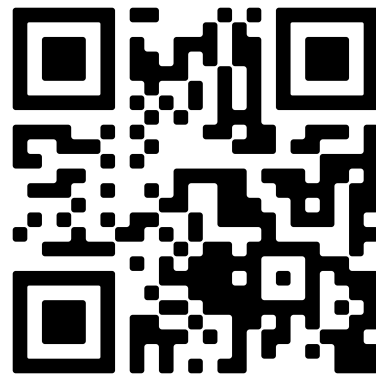
Efficient Cache Policy

Minify JavaScript

Minimize Main-Thread Work

User Timing Marks and Measures

Reduce the Impact of Third-Party Code





Мы перешли с фреймворка А на фреймворк Б

Мы добавили скелетоны

Мы перешли на SSR

Мы оптимизировали загрузку шрифтов

Мы отказались от SSR

Мы внедрили code splitting



Поиск Картинки Видео Карты Товары Новое Переводчик Все



Улучшая performance review / Хабр

habr.com > ru/company/avito/blog/353216/

Из каких этапов состоит процесс **performance review** в Avito, как писать хороший self review и зачем разбивать респондентов на разные роли. Как быть с вопросами анонимности и постепенно приводить команду к культуре открытой обратной связи. Какие данные и аналитику мы вытащили из собранных 10.000 оценок. Читать ещё



Как профессиональным продавцам эффективно...

mag.auto.ru > Про... > Как профессиональным продавцам эффективно п...

Создавайте качественный контент. Фотографии — это то, на что обращают внимание пользователи при выборе автомобиля. Мы рекомендуем добавлять не меньше восьми качественных фотографий, а лучше — больше. Чем подробнее вы покажете машину, тем с большей ве... Читать ещё



6 методов, чтобы превратить занятого сотрудника...

peopleforce.io > ru/blog/6-elementov-performance...

Performance Management — то, чем стоит заниматься любому бизнесу, чтобы расти. Разбираем основных 6 элементов управления эффективностью. ... на 40% меньше дефектов в продуктах. **Как улучшить** план управления эффективностью персонала? Для начала нужно оценить, какой план управления... Читать ещё



Data requests

network

SSR

HTML

CSS, JS

Middleware

Data processing

Render

Media

JS exec





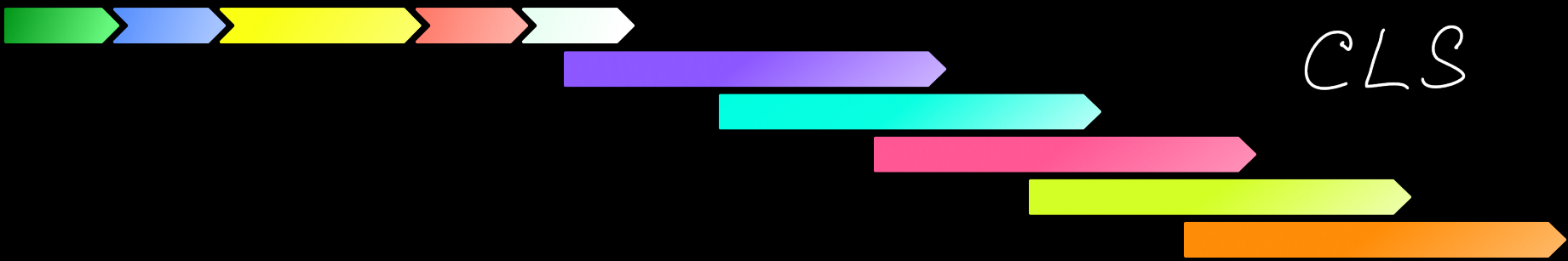
CLS

TTFB

FCP

LCP

TTI



TTFB FCP LCP TTI

| | |
|---|----------|
| largest-contentful-paint | 1,796 ms |
| total-blocking-time | 1,830 ms |
| cumulative-layout-shift | 1 ms |
| first-contentful-paint | 1,363 ms |
| speed-index | 4,893 ms |
| Time to Interactive | 6,054 ms |
| (TTFB) server-response-time | 602 ms |

Data requests

network

SSR

HTML

CSS, JS

Middleware

Data processing

Render

Media

JS exec

- › Что происходит?
- › Это можно убрать?
- › Это нужно именно сейчас?
- › Это можно уменьшить?



network





Middleware



Middleware

JAEGER UI

Search

Compare

System Architecture

Q Lookup by Trace ID...

Documentation

Dark

loadbalancer: af-desktop-web.vrts-slb.prod.vertis.
yandex.net ed8c580

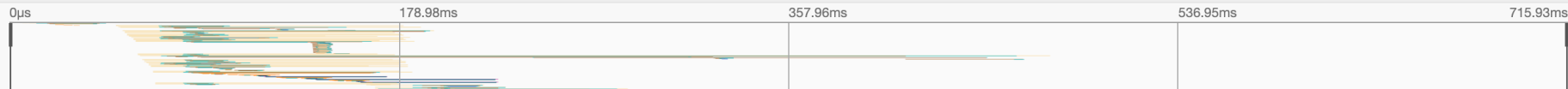
Find...

⌕ ^ v ×

⌘

Trace Timeline v

Trace Start **November 2 2022, 19:35:08.659** Duration **715.93ms** Services **18** Depth **16** Total Spans **386**



Service & Operation

v > v v >>

0µs 178.98ms 357.96ms 536.95ms 715.93ms

loadbalancer af-desktop-web.vrts-slb.prod.vertis.y...

af-desktop auto.ru

af-desktop uaas:{pathname}

3ms

af-desktop middleware:geoid

1ms

> af-desktop → loadbalancer aut...

35ms

af-desktop redis-cache publicApiCatalog:...

21ms

> af-desktop → loadbalancer aut...

132ms

af-desktop redis-cache marketingApi://G...

22ms

af-desktop redis-cache journal-s3://journal

21ms



Data requests

auto.ru

Добавить

Hyundai Tucson IV, 2021

3 743 938 ₽

Новый



Prestige

2.0 л/150 л.с./Бензин

Автоматическая

72 опции

Полный

Внедорожник 5 дв.

Москва



Toyota Land Cruiser 200 Series Рестайлинг 2

от 3 747 000 ₽

4 117 000 ₽ без скидок



Lifestyle

2.5 л/190 л.с./Бензин

Автоматическая

64 опции

Полный

Внедорожник 5 дв.

Москва



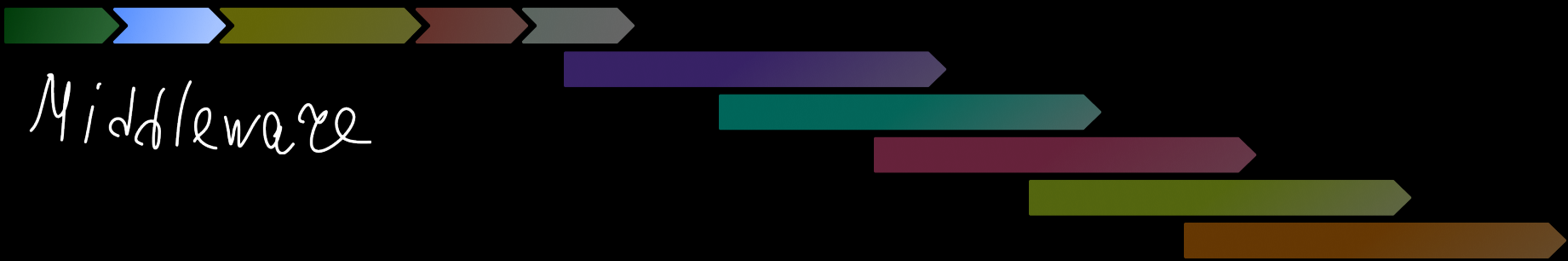
Porsche Panamera Turbo II, 2019

от 12 400 000 ₽

[Купить в кредит](#)

12 500 000 ₽ без скидок





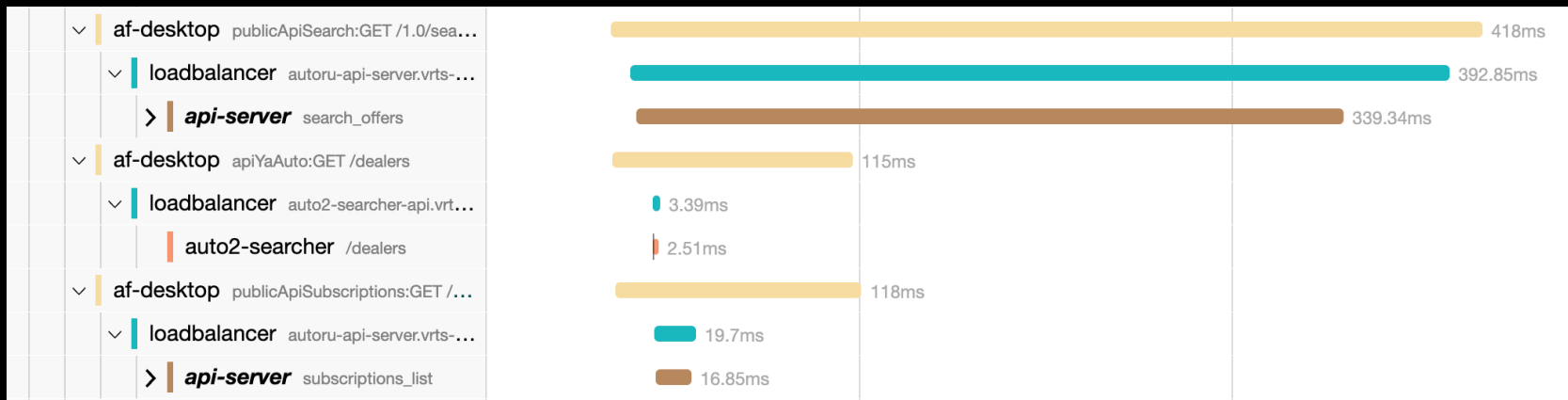
| | | | | |
|--|---|------------|--------------------------------|---------|
| | | af-desktop | uaas:/{pathname} | 3ms |
| | | af-desktop | middleware:geoid | 1ms |
| | ▼ | af-desktop | publicApiAuth:GET /1.0/session | 35ms |
| | | ▼ | loadbalancer | 32.01ms |
| | | | > api-server | 23.99ms |
| | | | get_session | |
| | | af-desktop | redis-cache publicApiCatalog: | 21ms |



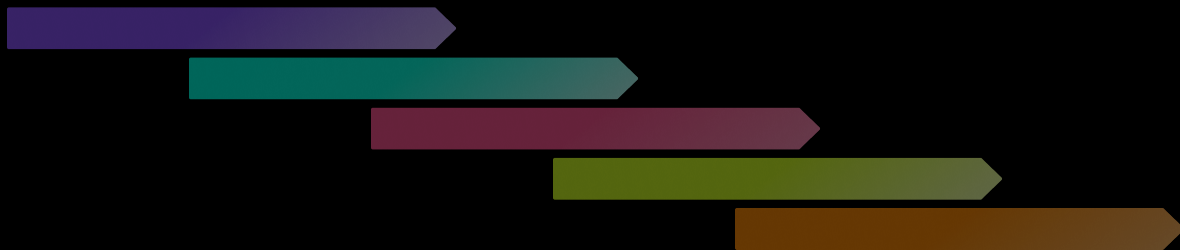
Data requests







Data requests



Data requests



Убрали ненужный запрос

| | | | | |
|---|--------------------------|--|--|-------|
| > | af-mobile → loadbalancer | autoru-api-... |  | 666ms |
| | af-mobile | redis-cache publicApiCatalog:///1.0/r... |  | 22ms |
| | af-mobile | redis-cache publicApiCatalog:///1.0/r... |  | 133ms |
| > | af-mobile → loadbalancer | autoru-api-... |  | 393ms |
| > | af-mobile → loadbalancer | auto2-searcher-api.vrts-slb.prod.vertis.yandex.net | | |



Data requests



Убрали ненужный запрос

Device: mobile

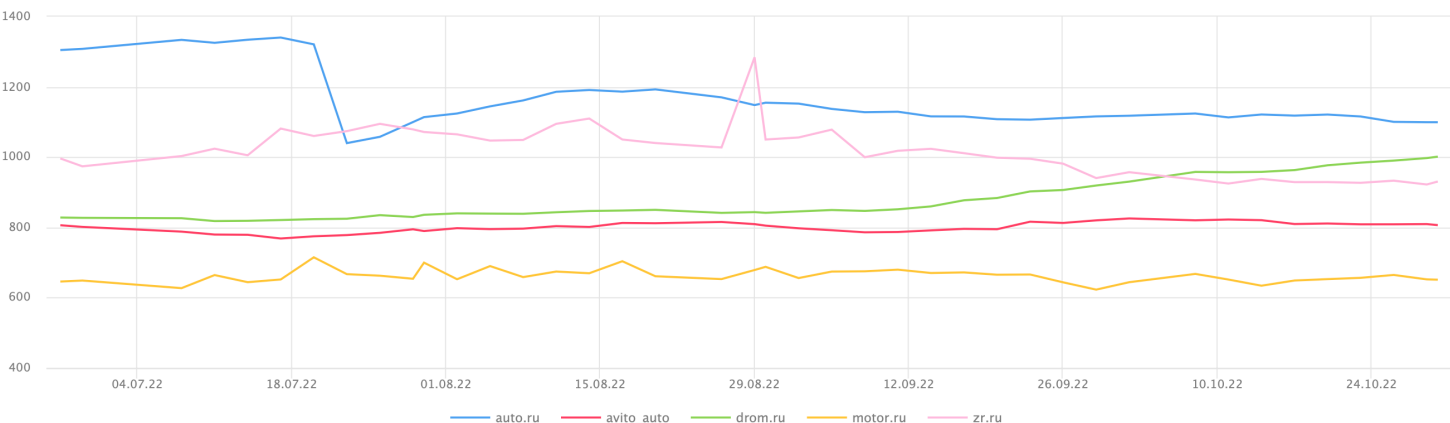
| Compare | med test | med prod | delta |
|---|----------|----------|--------|
| largest-contentful-paint | 1,157 ms | 1,439 ms | 282 ms |
| total-blocking-time | 1,242 ms | 1,248 ms | 6 ms |
| cumulative-layout-shift | 0 ms | 0 ms | 0 ms |
| first-contentful-paint | 1,040 ms | 1,324 ms | 284 ms |
| speed-index | 1,184 ms | 1,458 ms | 274 ms |
| Time to Interactive | 3,392 ms | 3,702 ms | 310 ms |
| (TTFB) server-response-time | 637 ms | 922 ms | 285 ms |
| Compare Server Timings | med test | med prod | delta |

Data requests

> af-m
af-m

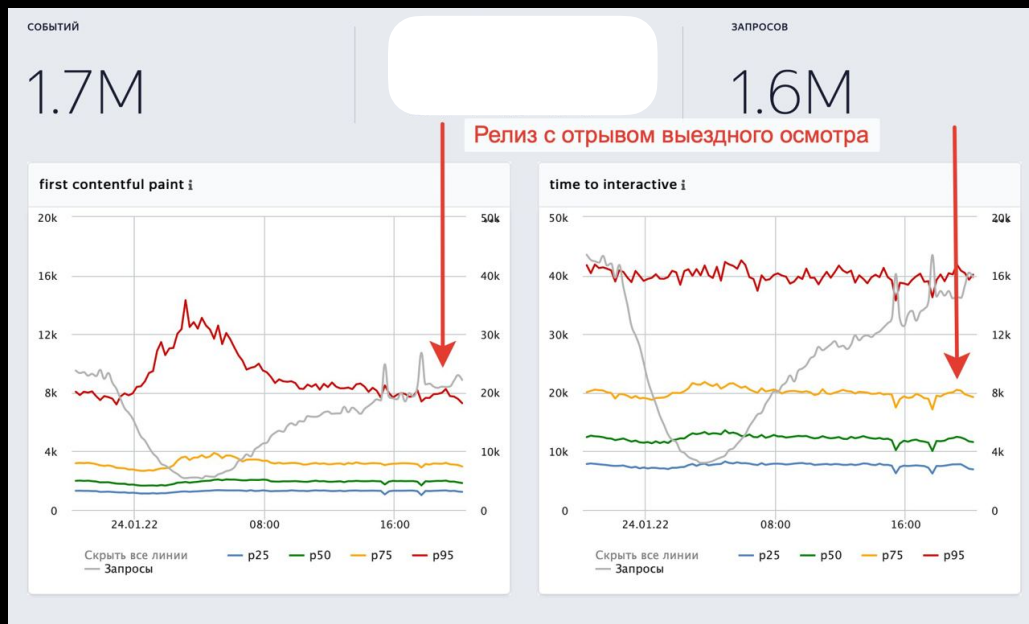
Device: mobile

TTFB 75 PERCENTILE



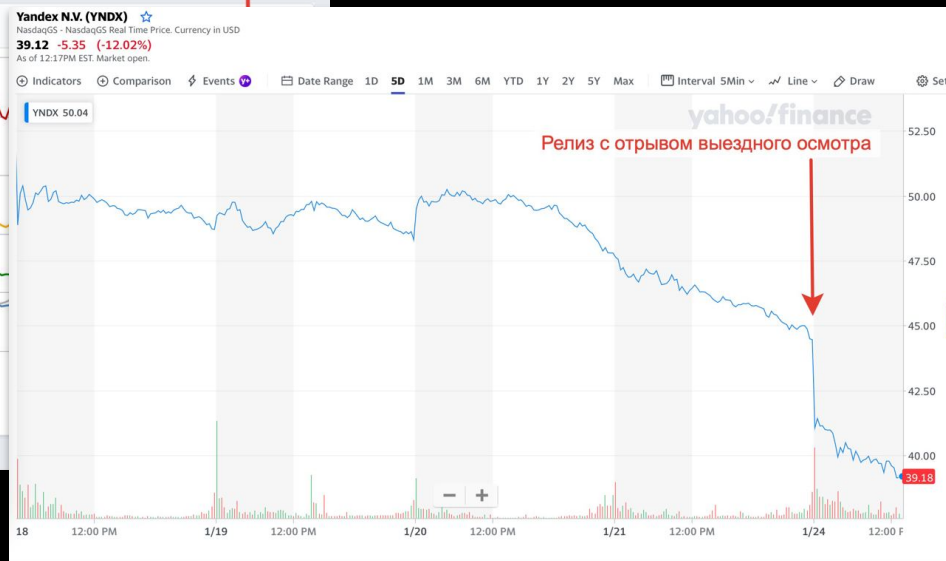
| od | delta |
|----|--------|
| ns | 282 ms |
| ns | 6 ms |
| | 0 ms |
| ns | 284 ms |
| ns | 274 ms |
| ns | 310 ms |
| | 285 ms |
| od | delta |

Data requests

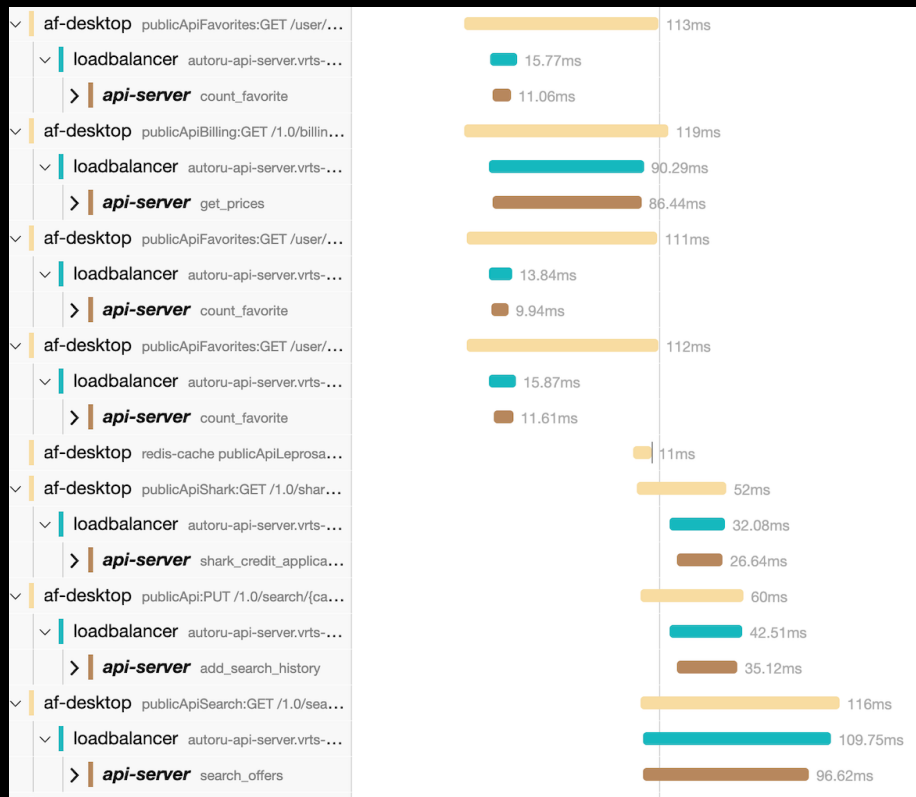


Убрали другой ненужный запрос

Data requests

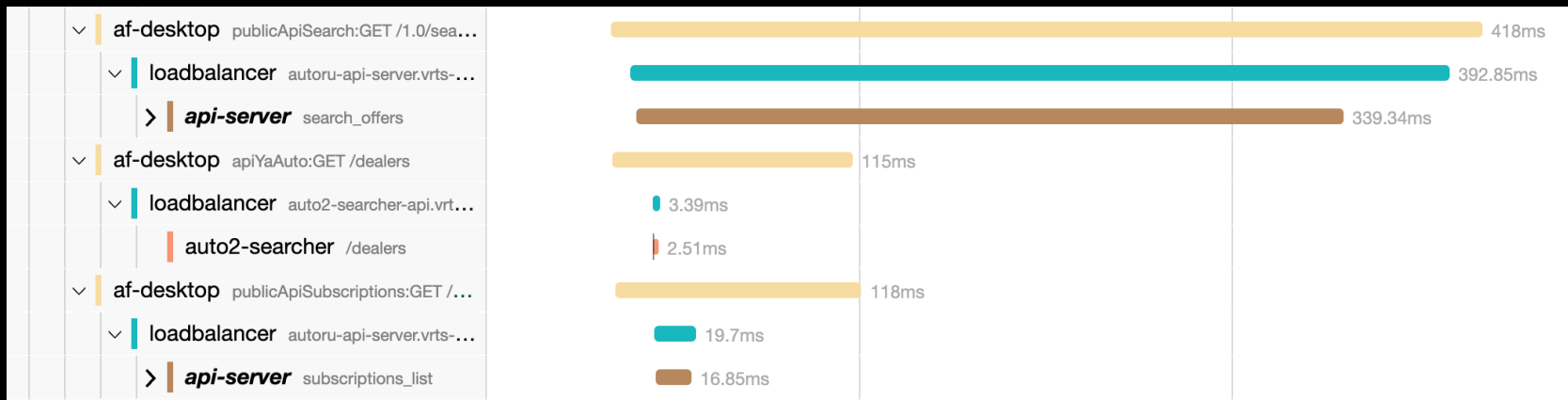


Data requests



- › Можно запросить раньше?
- › Можно запросить позже (на клиенте)?

Data requests





Data requests



Запрашиваем в два раза меньше данных

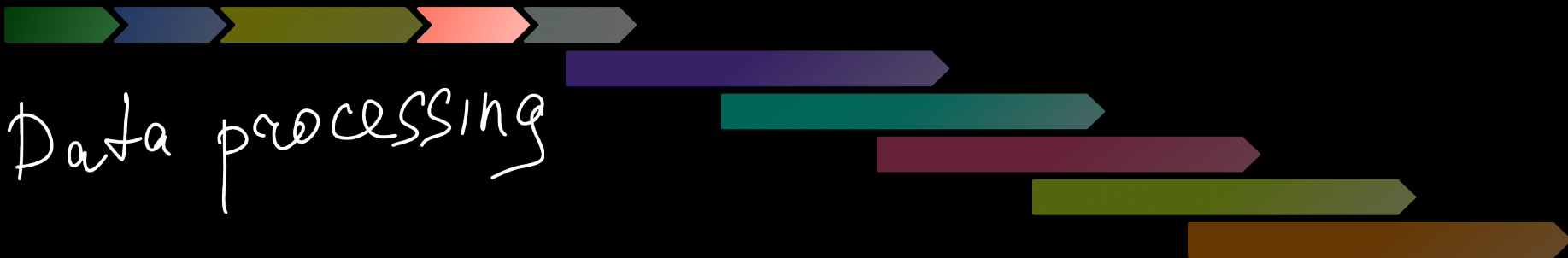
| Compare | med test | med prod | delta |
|---|-----------|-----------|----------|
| largest-contentful-paint | 3,863 ms | 4,358 ms | 495 ms |
| total-blocking-time | 3,762 ms | 5,206 ms | 1,444 ms |
| cumulative-layout-shift | 0 ms | 0 ms | 0 ms |
| first-contentful-paint | 2,997 ms | 3,602 ms | 605 ms |
| speed-index | 7,478 ms | 7,124 ms | 354 ms |
| Time to Interactive | 15,408 ms | 17,804 ms | 2,396 ms |
| (TTFB) server-response-time | 524 ms | 754 ms | 230 ms |
| Compare Server Timings | med test | med prod | delta |



Data processing

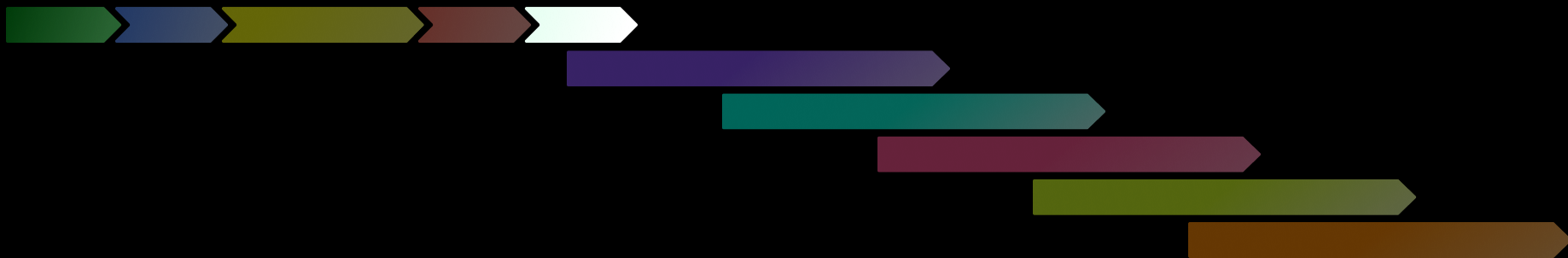


Data processing



| | | |
|----------------|---------------------------------|----------|
| af-desktop | publicApiSearch:GET /1.0/sea... | 418ms |
| loadbalancer | autoru-api-server.vrts-... | 392.85ms |
| api-server | search_offers | 339.34ms |
| af-desktop | apiYaAuto:GET /dealers | 115ms |
| loadbalancer | auto2-searcher-api.vrt... | 3.39ms |
| auto2-searcher | /dealers | 2.51ms |
| af-desktop | publicApiSubscriptions:GET /... | 118ms |
| loadbalancer | autoru-api-server.vrts-... | 19.7ms |
| api-server | subscriptions_list | 16.85ms |

SSR

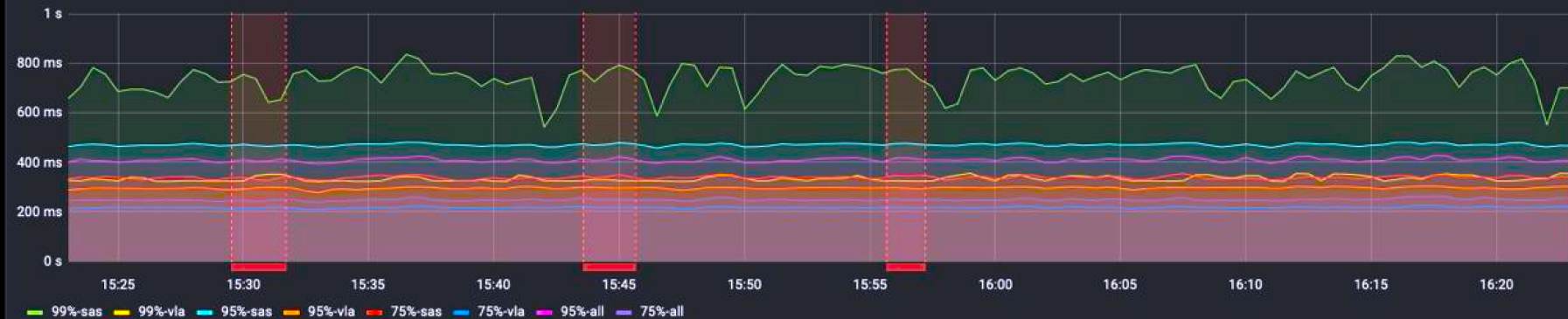


SSR



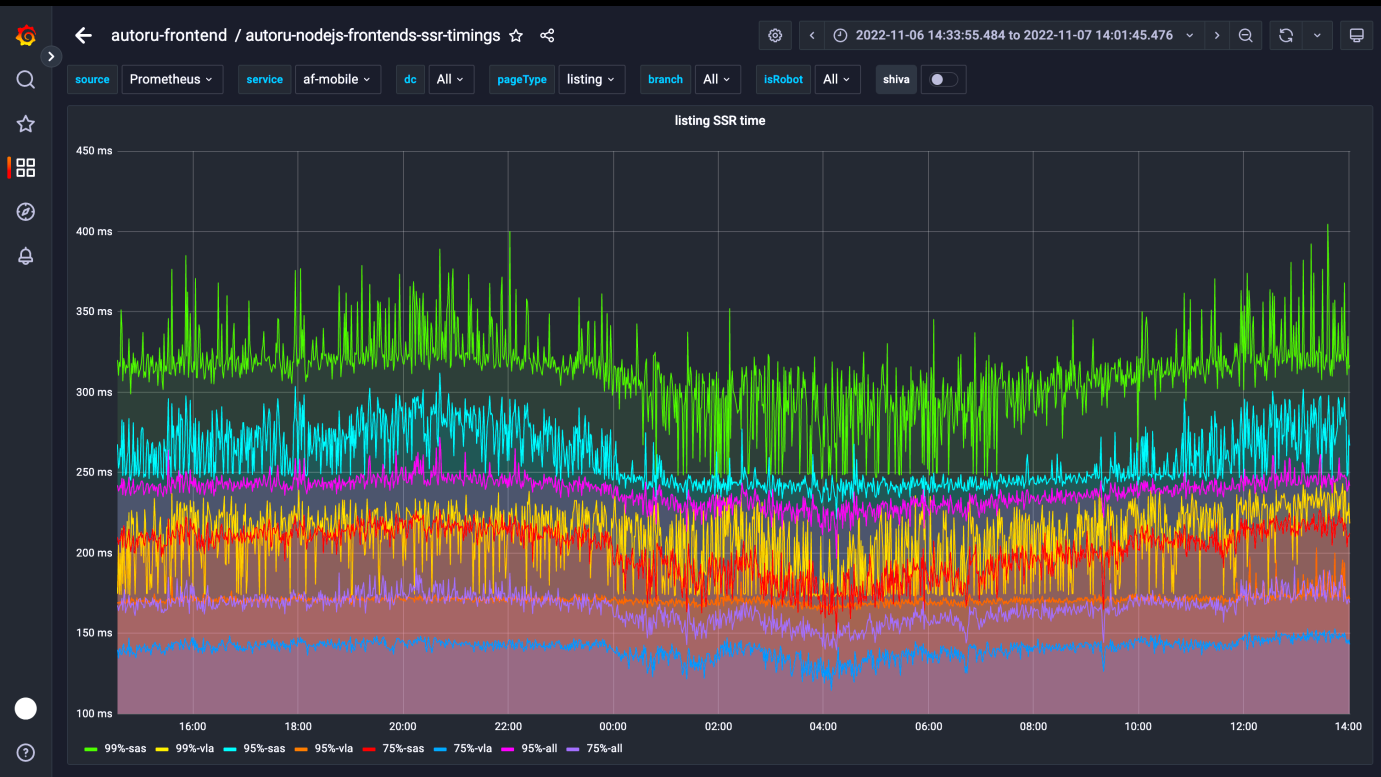
~ Server side rendering

listing SSR time



p95 ~400ms

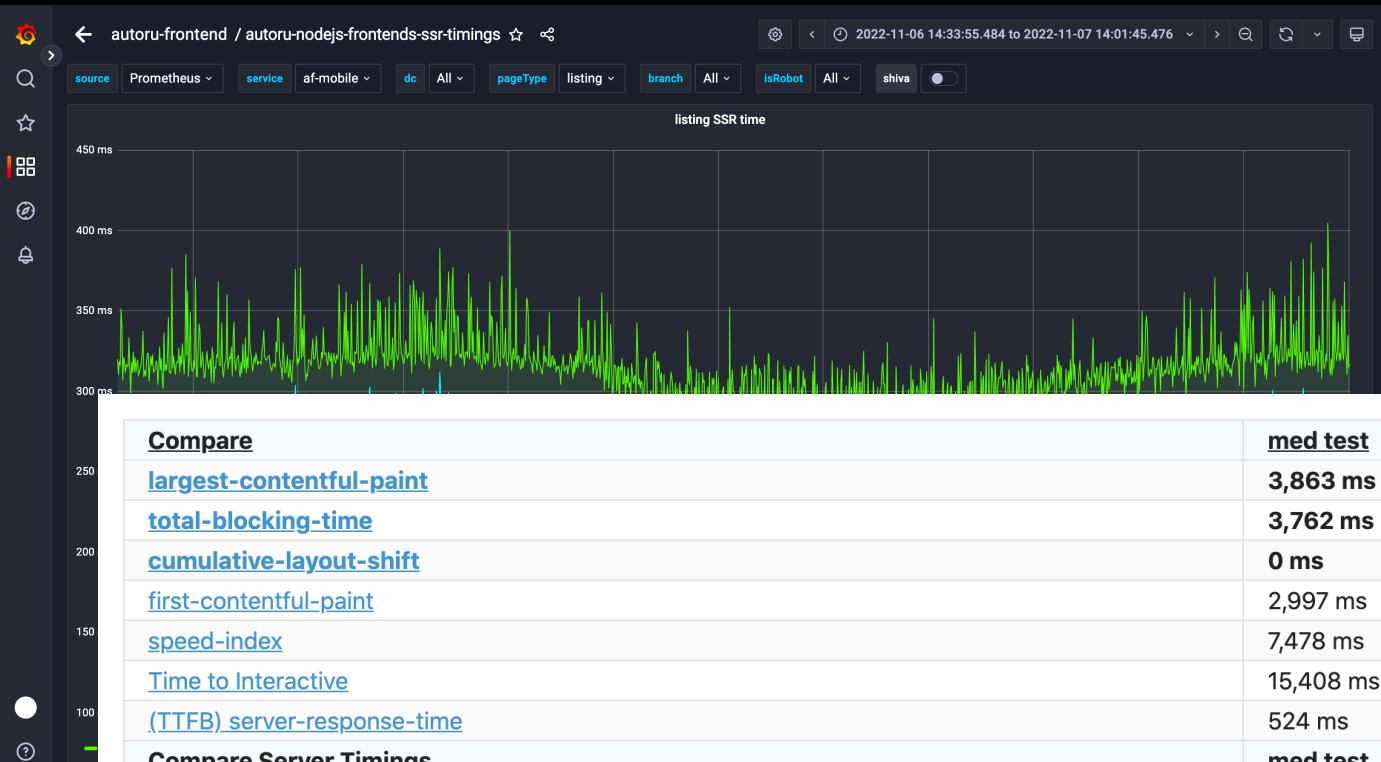
SSR



p95 ~250ms

Запрашиваем
(и рендерим)
в два раза
меньше данных

SSR

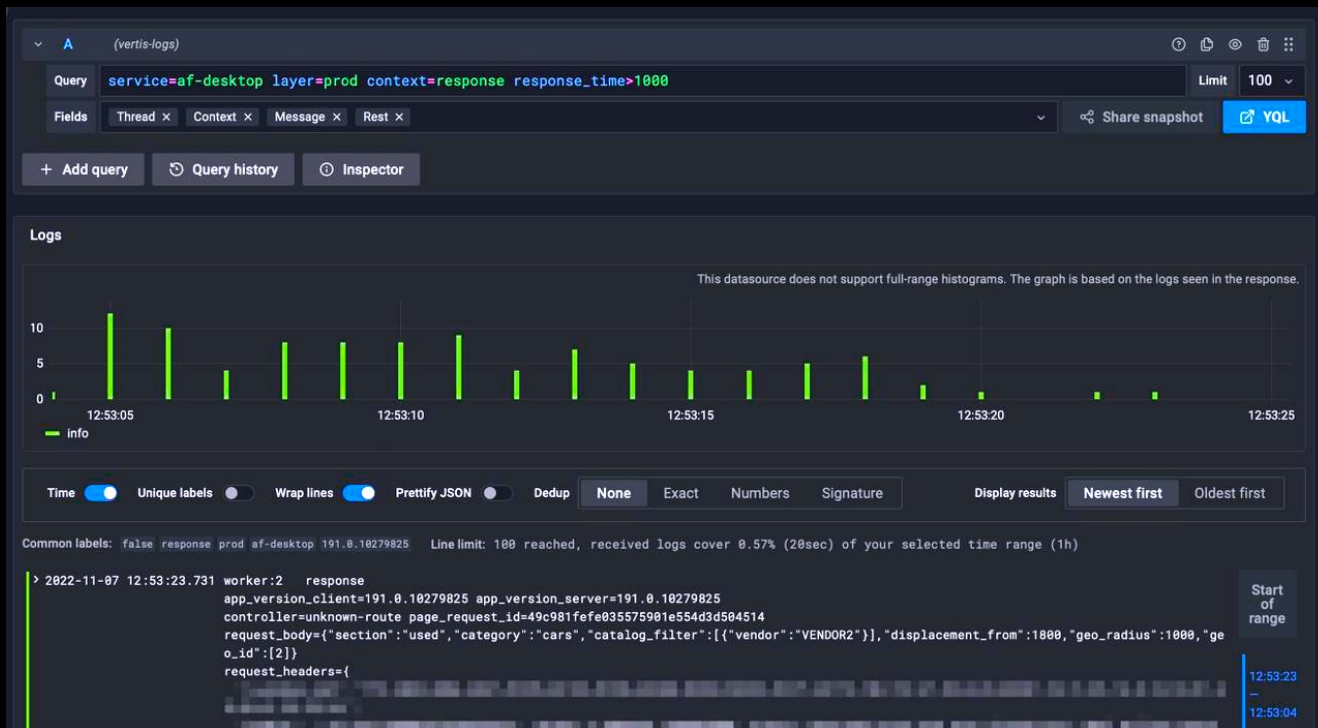


p95 ~250ms

TTFB

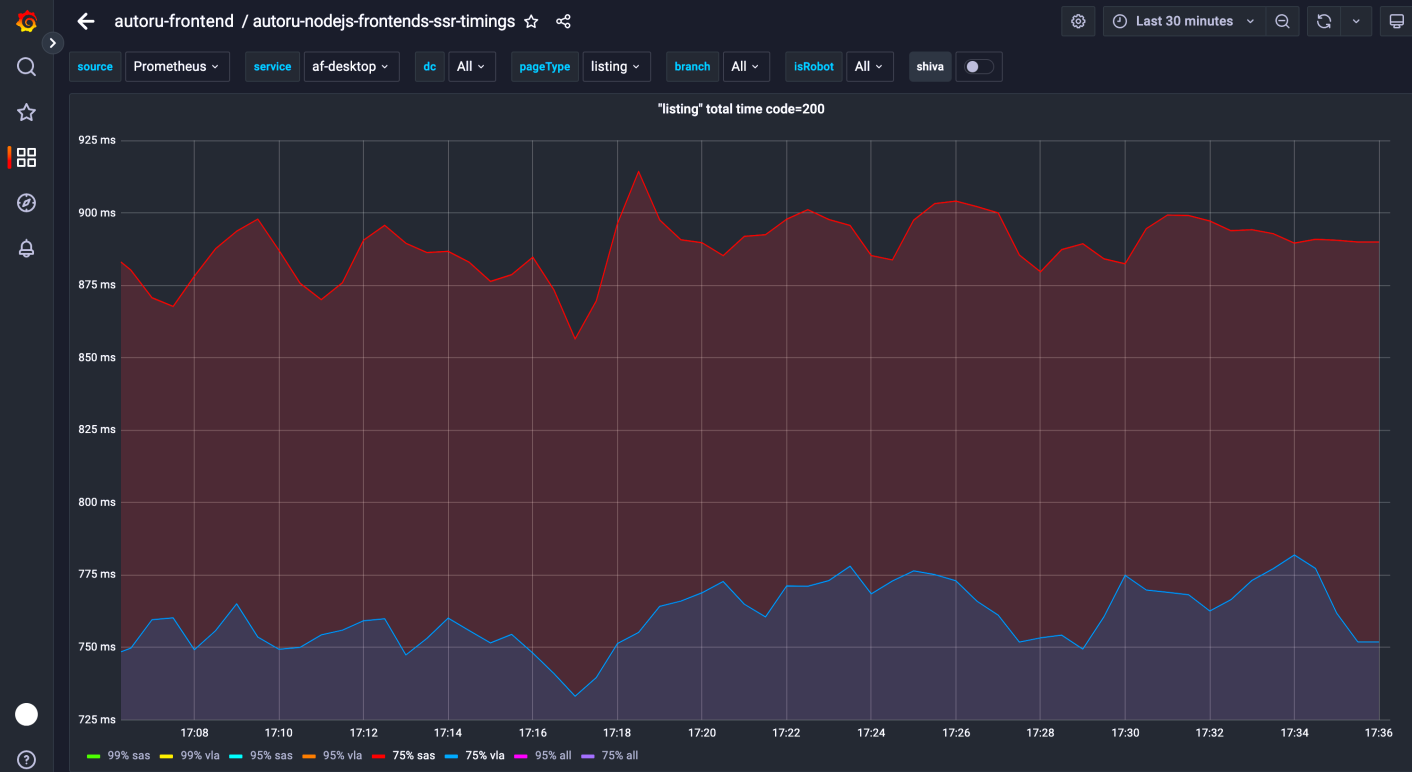


TTFB



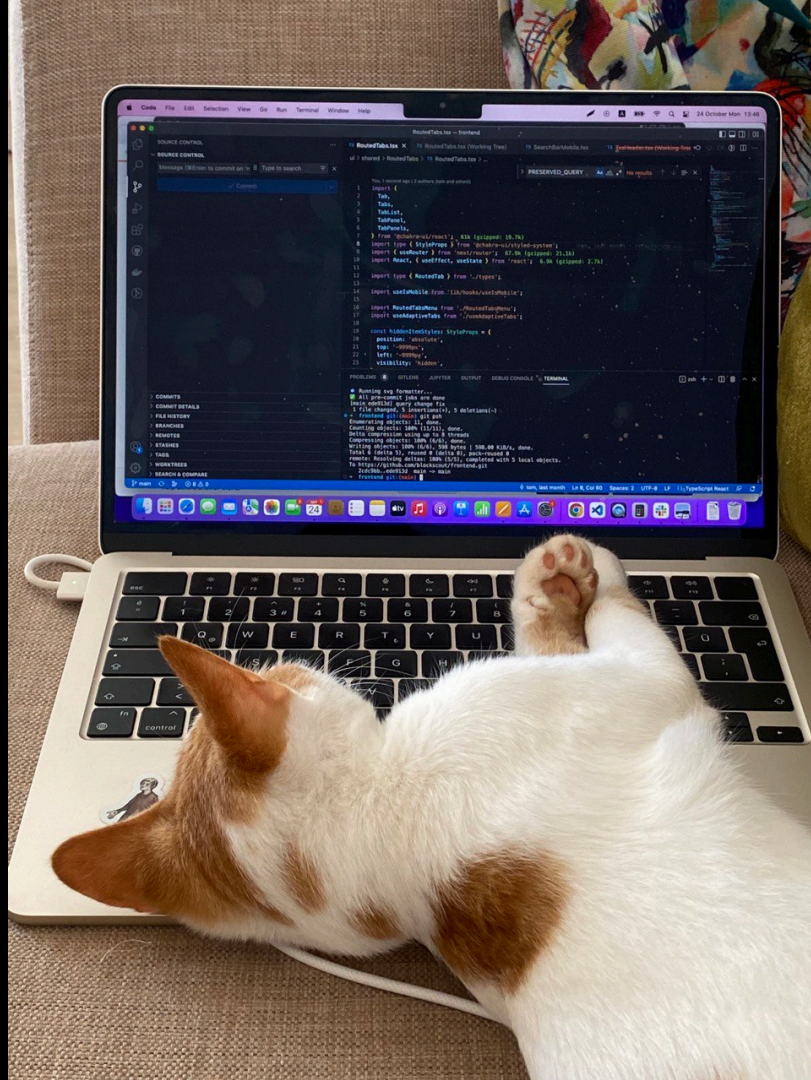
Ищем долгие запросы

TTFB



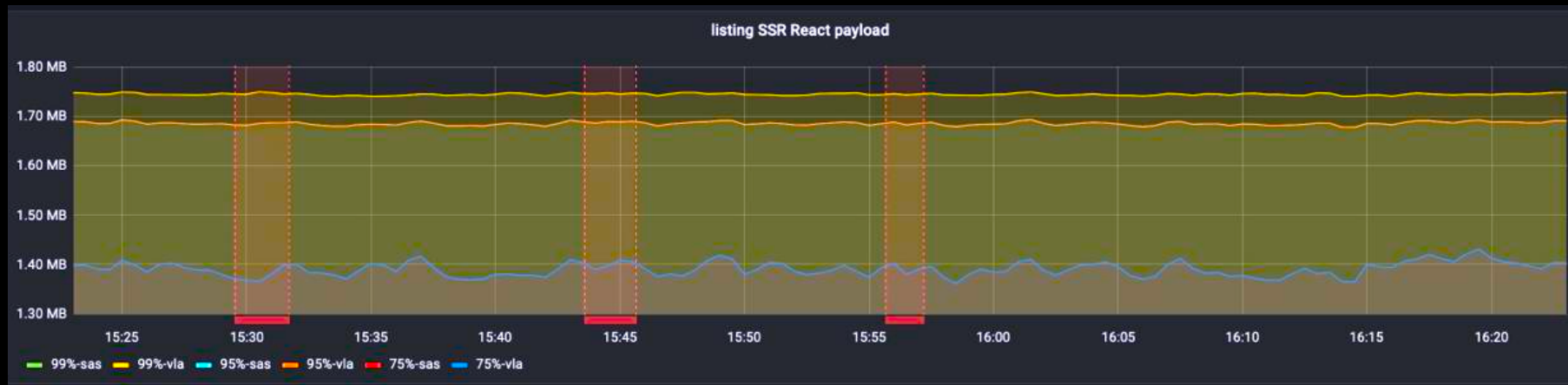
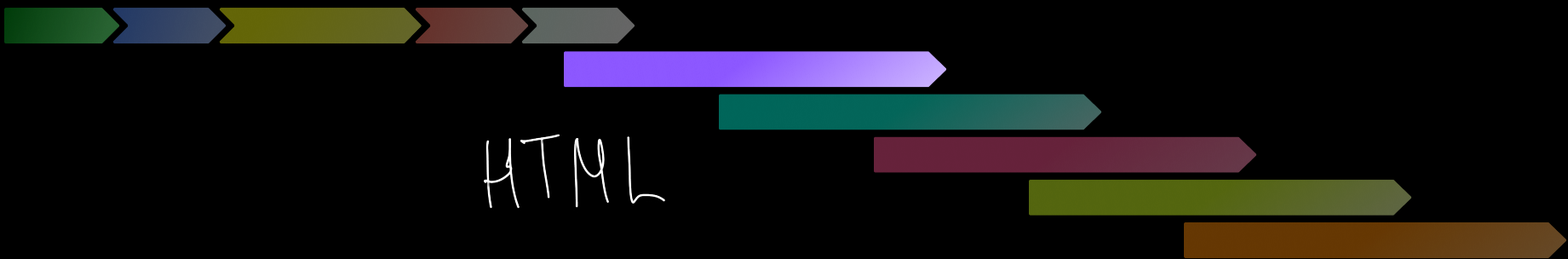
875ms

750 ms

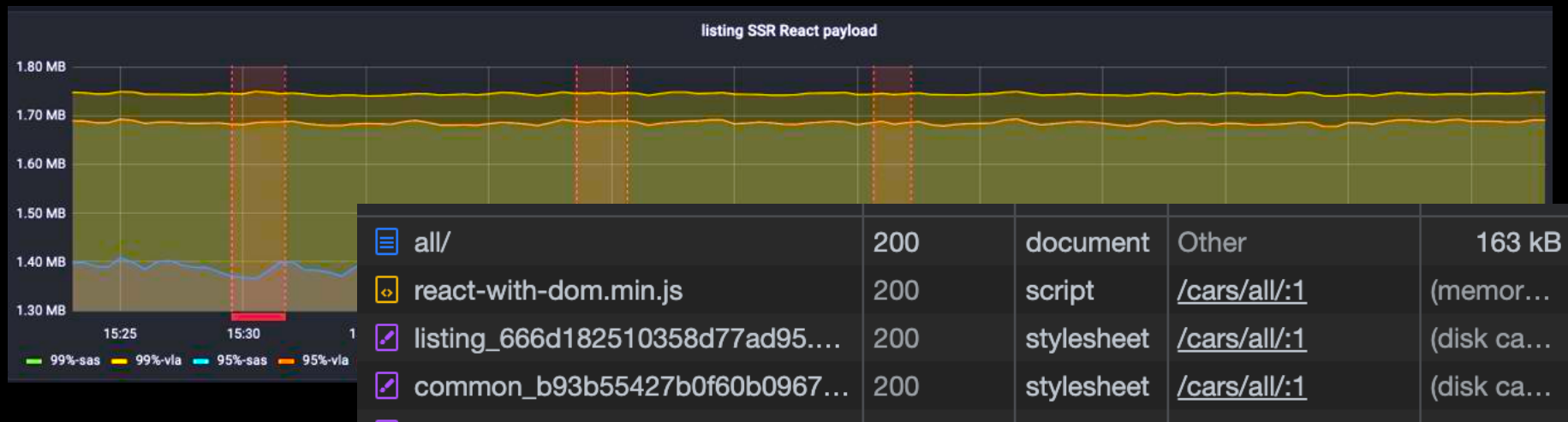


HTML





HTML






HTML



Запрашиваем (и рендерим) в два раза меньше данных


| Compare | med test | med prod | delta |
|---|-----------|-----------|----------|
| largest-contentful-paint | 3,863 ms | 4,358 ms | 495 ms |
| total-blocking-time | 3,762 ms | 5,206 ms | 1,444 ms |
| cumulative-layout-shift | 0 ms | 0 ms | 0 ms |
| first-contentful-paint | 2,997 ms | 3,602 ms | 605 ms |
| speed-index | 7,478 ms | 7,124 ms | 354 ms |
| Time to Interactive | 15,408 ms | 17,804 ms | 2,396 ms |
| (TTFB) server-response-time | 524 ms | 754 ms | 230 ms |
| Compare Server Timings | med test | med prod | delta |




CSS, JS







auto.ru





1 > Внедорожник 5 дв. > 4.5d AT (235 л.с.) 4WD в Москве

Toyota Land Cruiser 200 Series



Рестайлинг 1, 2012

2 899 000 ₽


Хорошая цена ▾




от 2 499 000 ₽ со скидками



8 ноября, Москва

 154 (154 сегодня)

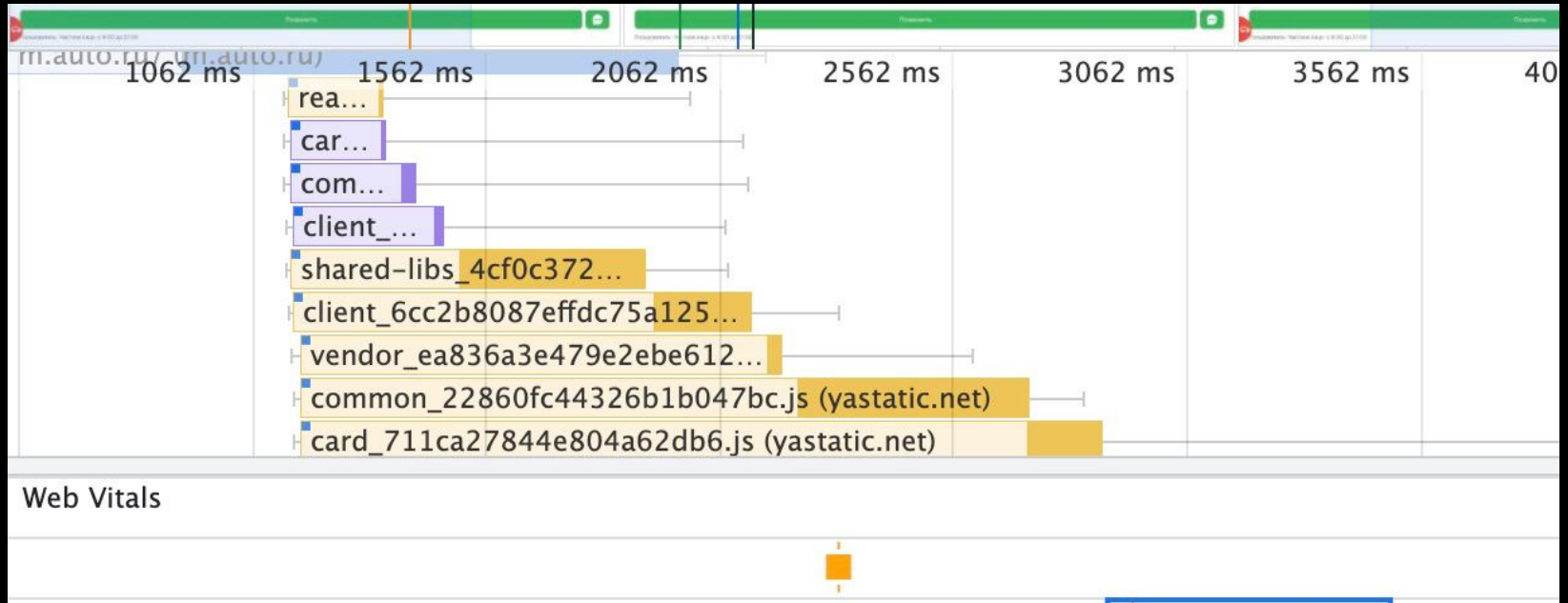


Дилер всегда на связи

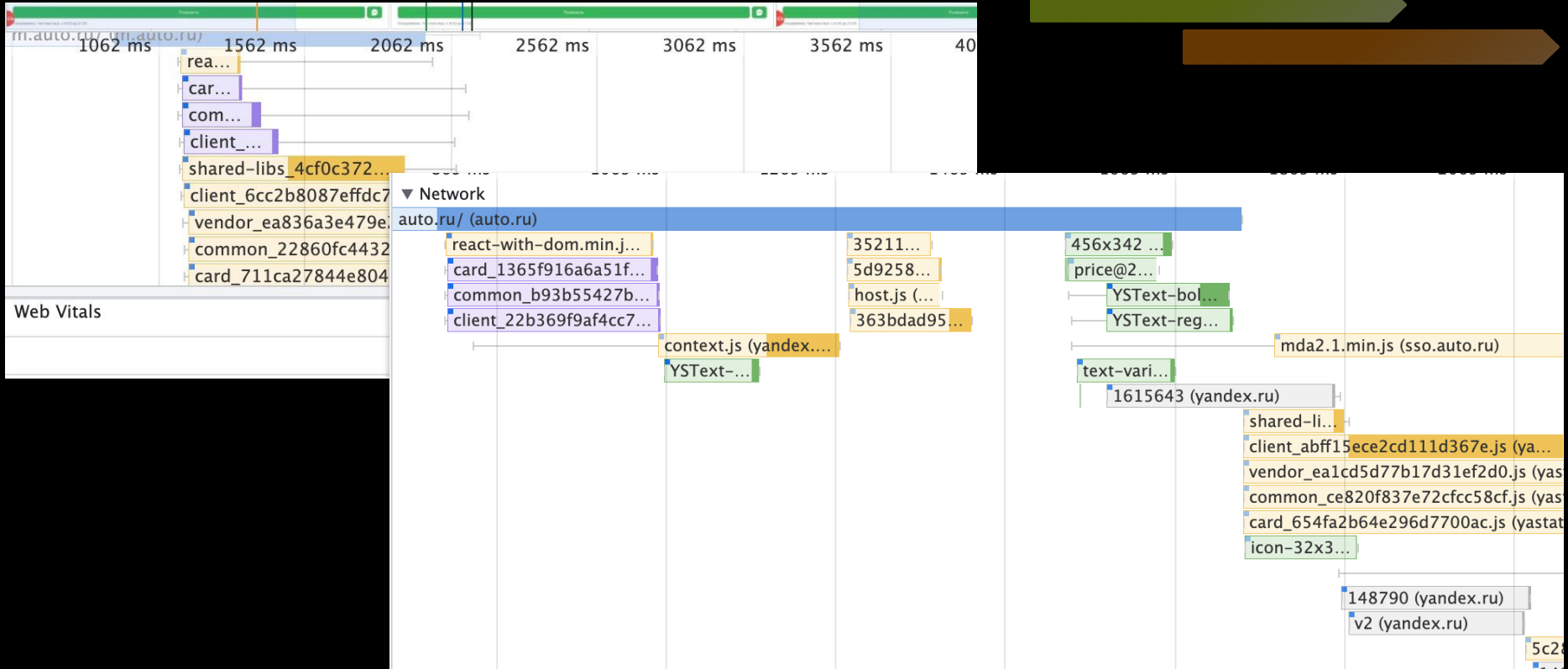
Ещё 1 преимущество

Характеристики

CSS, JS



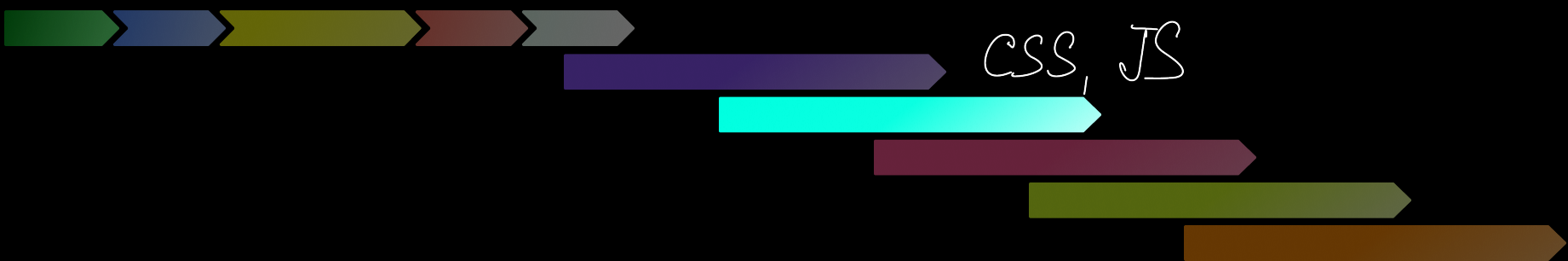
CSS, JS





Device: mobile

| Compare | med test | med prod | delta |
|---|-----------|-----------|--------|
| largest-contentful-paint | 4,102 ms | 4,820 ms | 718 ms |
| total-blocking-time | 3,595 ms | 4,125 ms | 530 ms |
| cumulative-layout-shift | 0 ms | 0 ms | 0 ms |
| first-contentful-paint | 3,159 ms | 3,771 ms | 612 ms |
| speed-index | 5,888 ms | 5,976 ms | 88 ms |
| Time to Interactive | 14,402 ms | 14,310 ms | 92 ms |
| (TTFB) server-response-time | 623 ms | 622 ms | 1 ms |
| Compare Server Timings | med test | med prod | delta |



Device: mobile

Compare

[largest-contentful-paint](#)

[total-blocking-time](#)

[cumulative-layout-shift](#)

[first-contentful-paint](#)

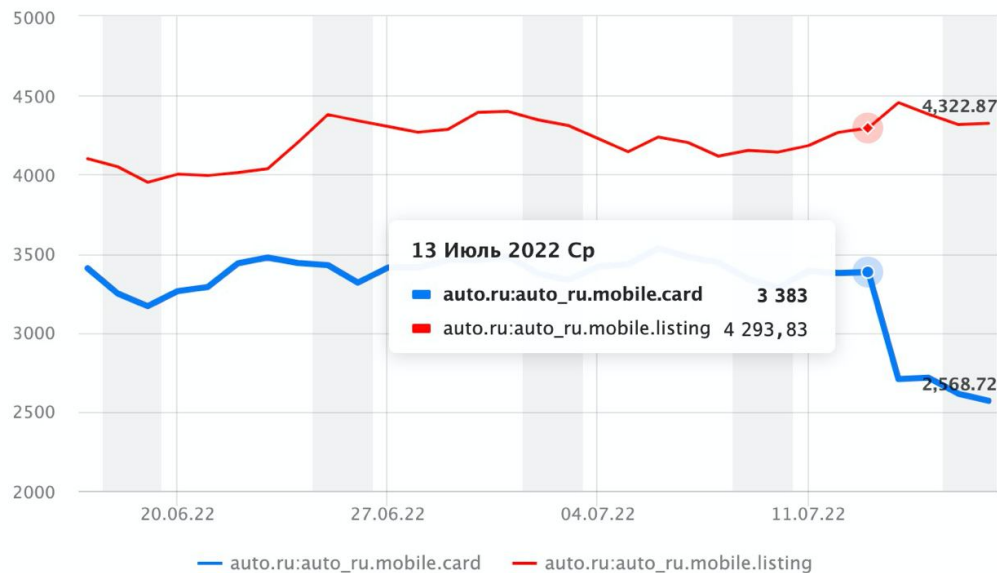
[speed-index](#)

[Time to Interactive](#)

[\(TTFB\) server-response-time](#)

Compare Server Timings

LCP



delta

718 ms

530 ms

0 ms

612 ms

88 ms

92 ms

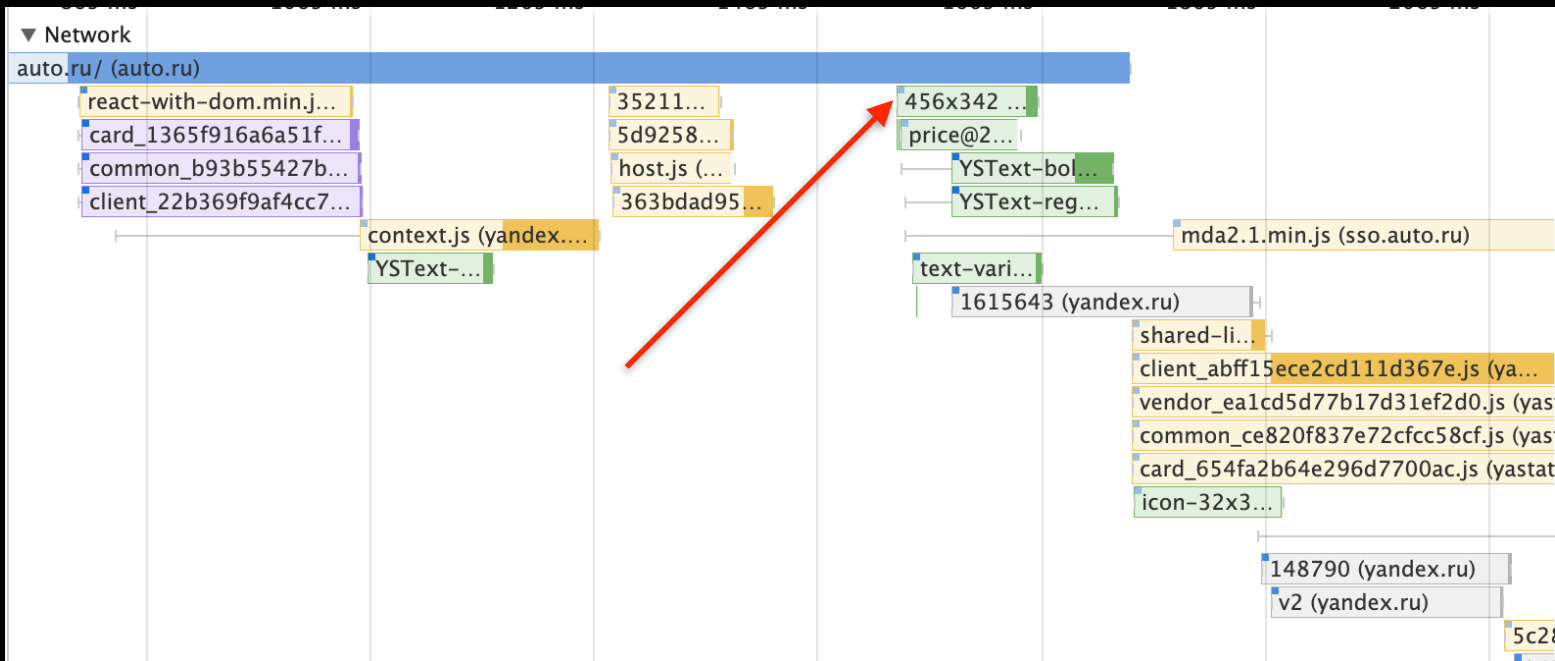
1 ms


delta




Media


Media







auto.ru



1 > Внедорожник 5 дв. > 4.5d AT (235 л.с.) 4WD в Москве

Toyota Land Cruiser 200 Series


Рестайлинг 1, 2012

2 899 000 ₽


Хорошая цена ▾


от 2 499 000 ₽ со скидками

HD



8 ноября, Москва

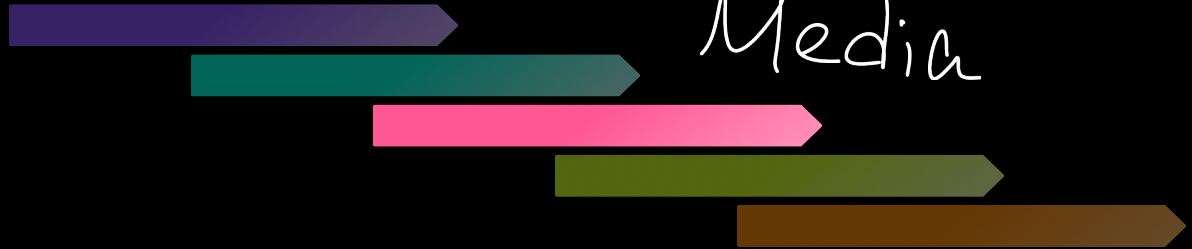
 154 (154 сегодня)



Дилер всегда на связи

Ещё 1 преимущество

Характеристики



Media

← Тут был скелетон



Media

Убрали “ленивость” фото

Test: 37

<https://m.auto.ru/cars/used/sale/bmw/6er/1106138244-48d93e9e/>

Prod: 26

<https://m.auto.ru/cars/used/sale/bmw/6er/1106138244-48d93e9e/>

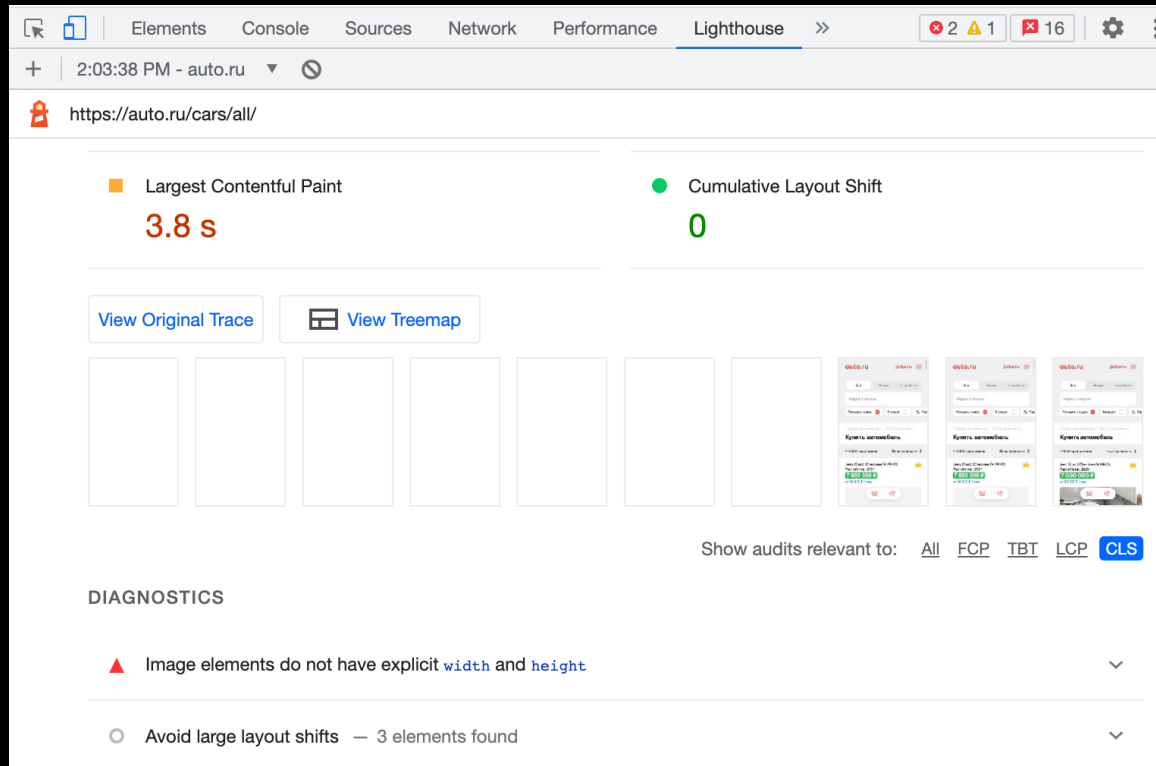
Device: mobile

| Compare | med test | med prod | delta |
|---|-----------|-----------|----------|
| largest-contentful-paint | 4,257 ms | 10,975 ms | 6,718 ms |
| total-blocking-time | 3,393 ms | 3,394 ms | 1 ms |
| cumulative-layout-shift | 0 ms | 0 ms | 0 ms |
| first-contentful-paint | 2,893 ms | 2,950 ms | 57 ms |
| speed-index | 5,580 ms | 6,385 ms | 805 ms |
| Time to Interactive | 16,046 ms | 16,028 ms | 18 ms |
| (TTFB) server-response-time | 128 ms | 125 ms | 3 ms |



Render

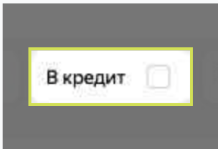
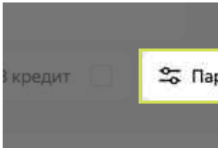
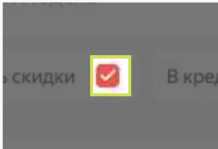
Render

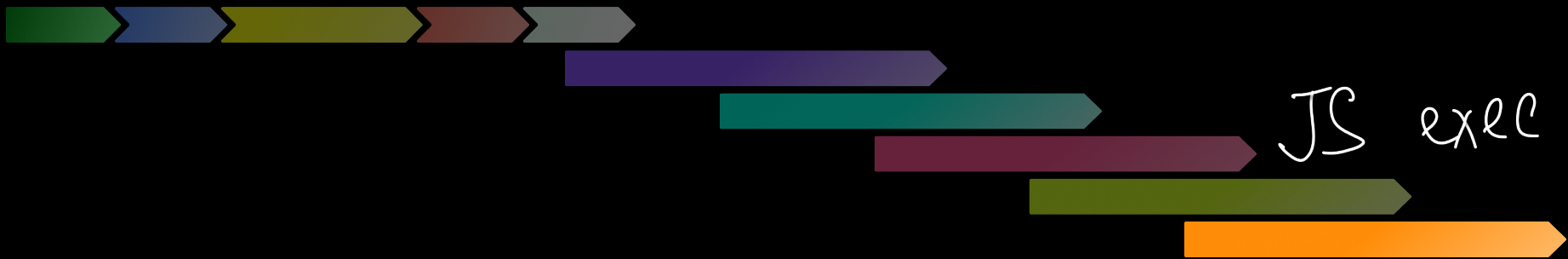


Render

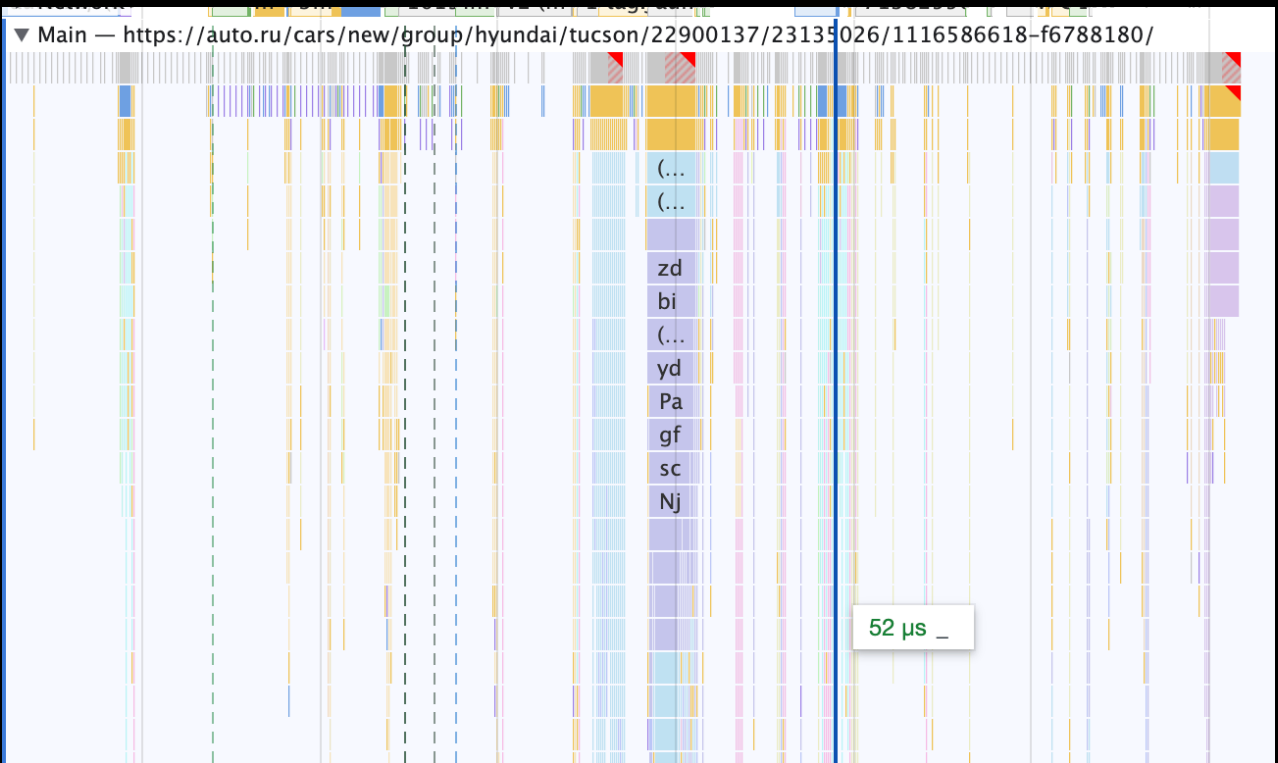
○ Avoid large layout shifts — 3 elements found

These DOM elements contribute most to the CLS of the page. [CLS](#)

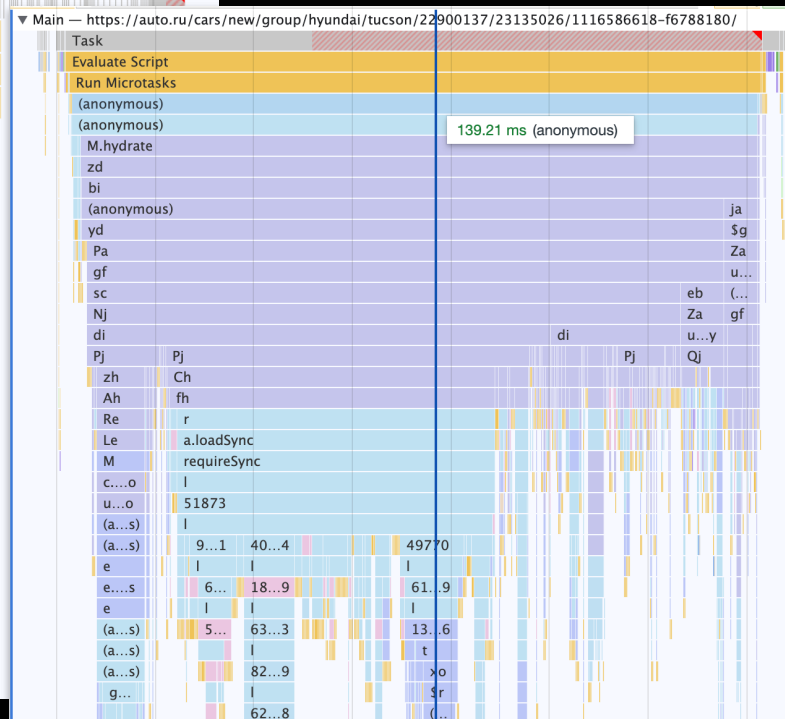
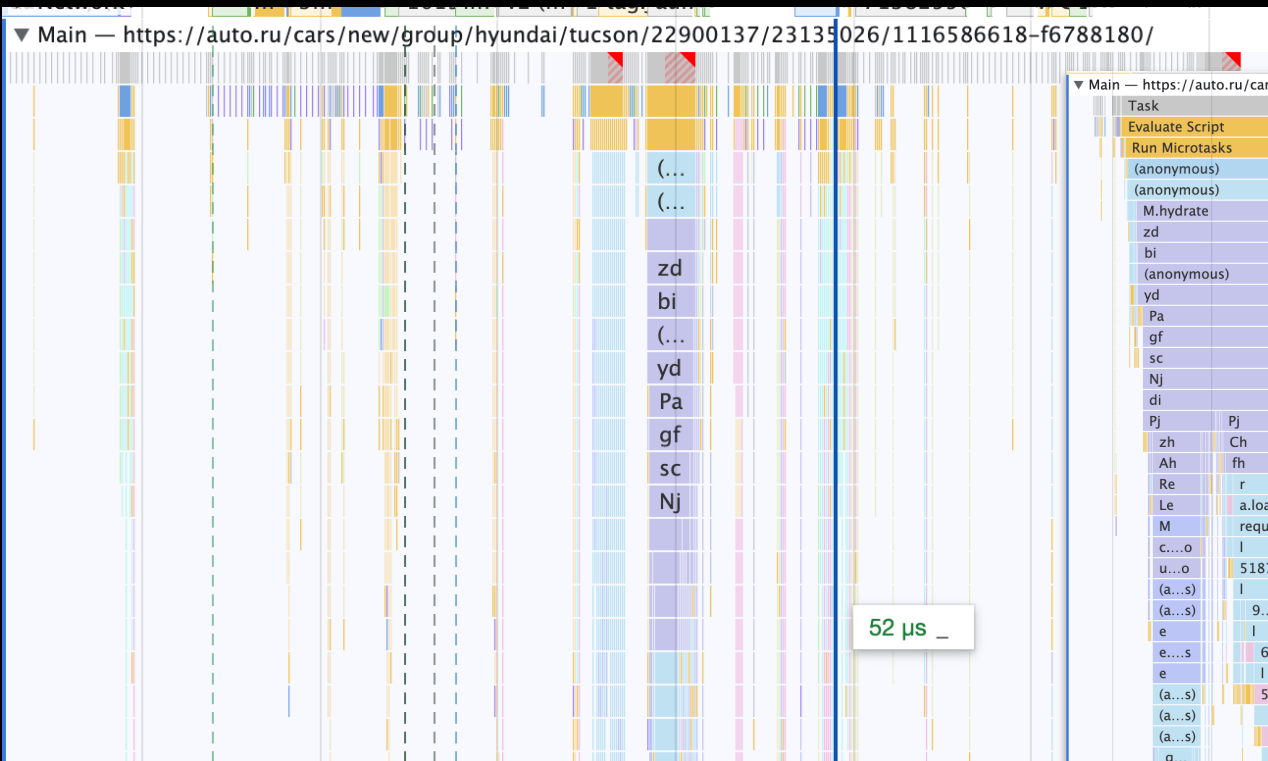
| Element | CLS Contribution |
|---|------------------|
|  <p>В кредит <code></code></p> | 0 |
|  <p>Параметры <code></code></p> | 0 |
|  <p>скидки <code>span.Tag > span.Tag__child > label.Checkbox > span.Checkbox__box</code> <code></code></p> | 0 |

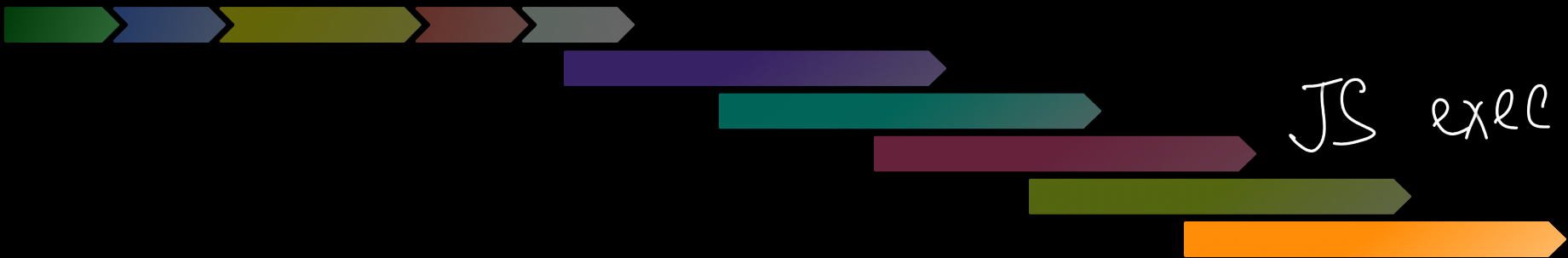


JS exec



JS exec





Вынесли скрипт антиробота в iframe

| Compare | med test | med prod | delta |
|---|-----------|-----------|----------|
| largest-contentful-paint | 4,894 ms | 4,893 ms | 1 ms |
| total-blocking-time | 4,114 ms | 5,025 ms | 911 ms |
| cumulative-layout-shift | 0 ms | 0 ms | 0 ms |
| first-contentful-paint | 3,705 ms | 3,723 ms | 18 ms |
| speed-index | 5,976 ms | 7,647 ms | 1,671 ms |
| Time to Interactive | 13,390 ms | 17,435 ms | 4,045 ms |
| (TTFB) server-response-time | 865 ms | 834 ms | 31 ms |
| Compare Server Timings | med test | med prod | delta |

“Ленивая” гидрация

auto.ru

Добавить 

Hyundai Tucson IV, 2021

3 743 938 ₽



Prestige

2.0 л/150 л.с./Бензин

Автоматическая

72 опции

Полный

Внедорожник 5 дв.

Москва



Toyota Land Cruiser 200 Series Рестайлинг 2,
2016

JS excel

от 3 747 000 ₽

4 117 000 ₽ без скидок



Lifestyle

2.5 л/190 л.с./Бензин

Автоматическая

64 опции

Полный

Внедорожник 5 дв.

Москва



Porsche Panamera Turbo II, 2019

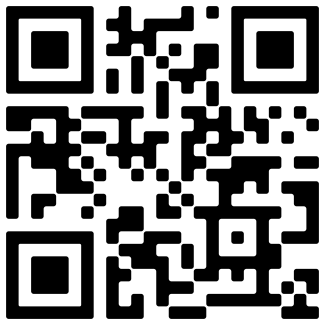
от 12 400 000 ₽

[Купить в кредит](#)

12 500 000 ₽ без скидок



JS excel



“Ленивая” гидрация

JS exec

| Compare | med test | med prod | delta |
|---|-----------|-----------|----------|
| largest-contentful-paint | 4,691 ms | 4,702 ms | 11 ms |
| total-blocking-time | 2,808 ms | 5,077 ms | 2,269 ms |
| cumulative-layout-shift | 0 ms | 0 ms | 0 ms |
| first-contentful-paint | 3,575 ms | 3,581 ms | 6 ms |
| speed-index | 5,836 ms | 7,671 ms | 1,835 ms |
| Time to Interactive | 15,670 ms | 17,006 ms | 1,336 ms |
| (TTFB) server-response-time | 753 ms | 762 ms | 9 ms |
| Compare Server Timings | med test | med prod | delta |

Data requests

network

SSR

HTML

CSS, JS

Middleware

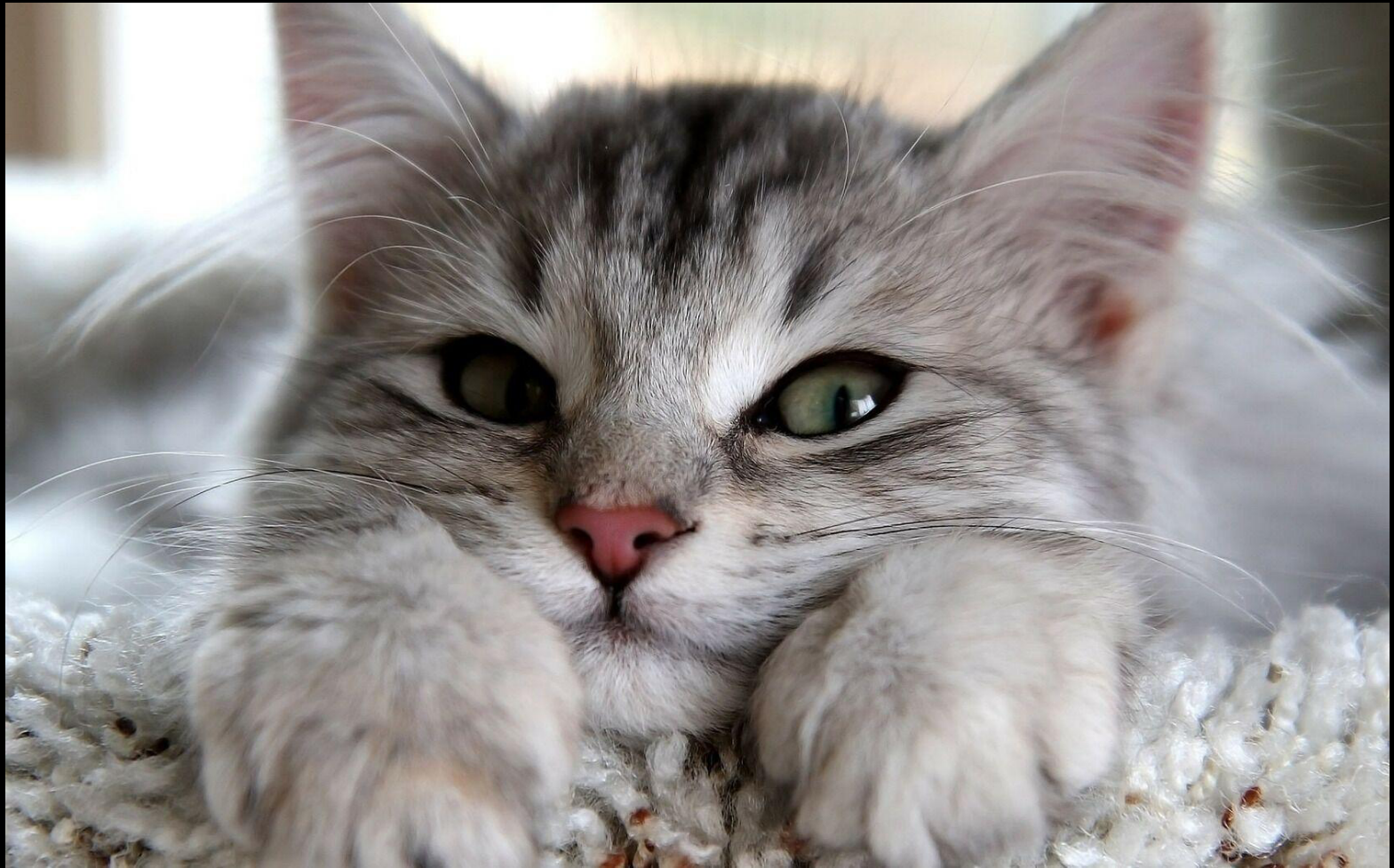
Data processing

Render

Media

JS exec







https://pagespeed.web.dev

Analyze

Mobile



Desktop

 Discover what your real users are experiencing



This URL

Origin

 Core Web Vitals Assessment: **Passed** 

Expand view

https://pagespeed.web.dev



Discover what your real users are experiencing



This URL

Origin



Core Web Vitals Assessment: **Passed** ?

Expand view

● Largest Contentful Paint (LCP)

2.3 s



● First Input Delay (FID)

53 ms



● Cumulative Layout Shift (CLS)

0



OTHER NOTABLE METRICS

● First Contentful Paint (FCP)

1.8 s



■ Interaction to Next Paint (INP) ?

459 ms



■ Time to First Byte (TTFB) ?

1 s



Latest 28-day collection period



Various mobile devices



Many samples ([Chrome UX Report](#))



Full visit durations

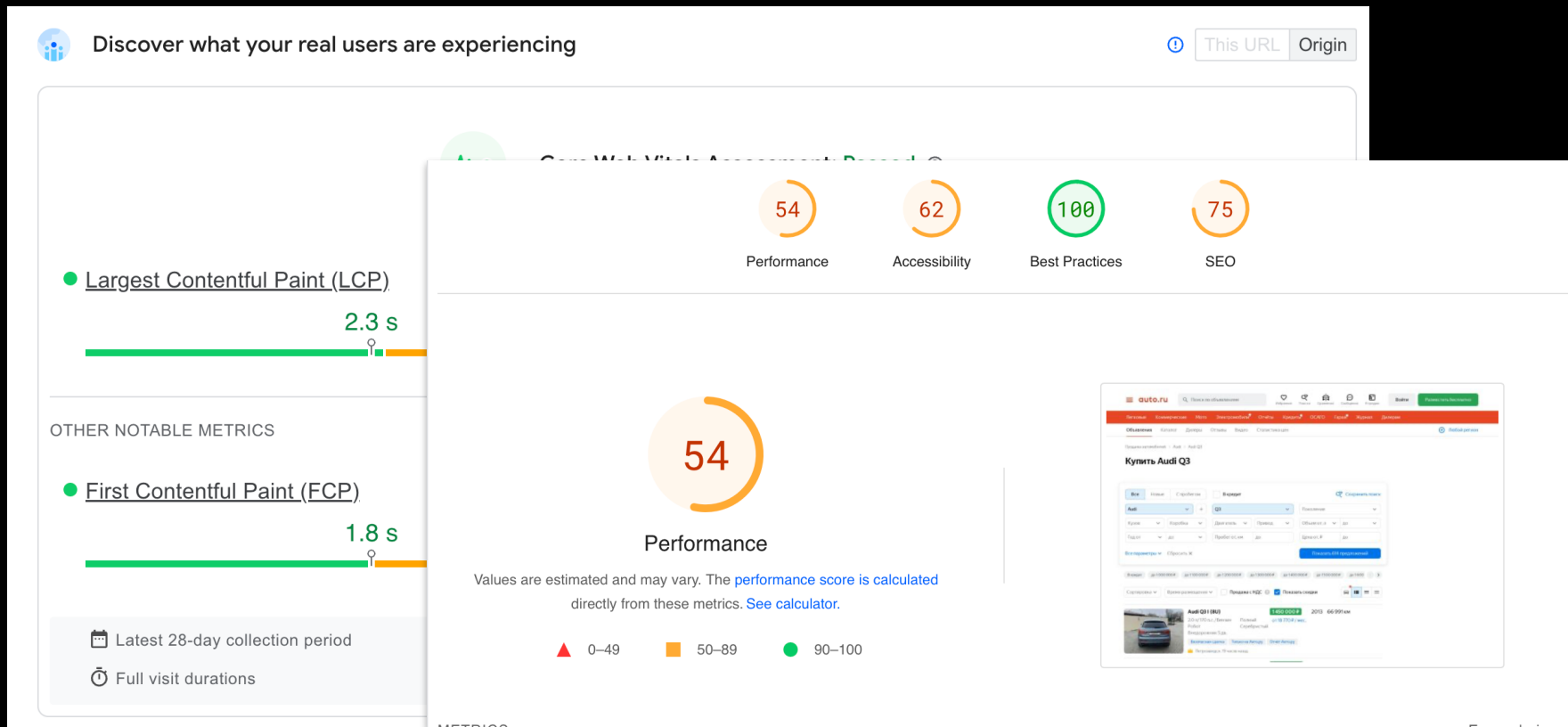


Various network connections

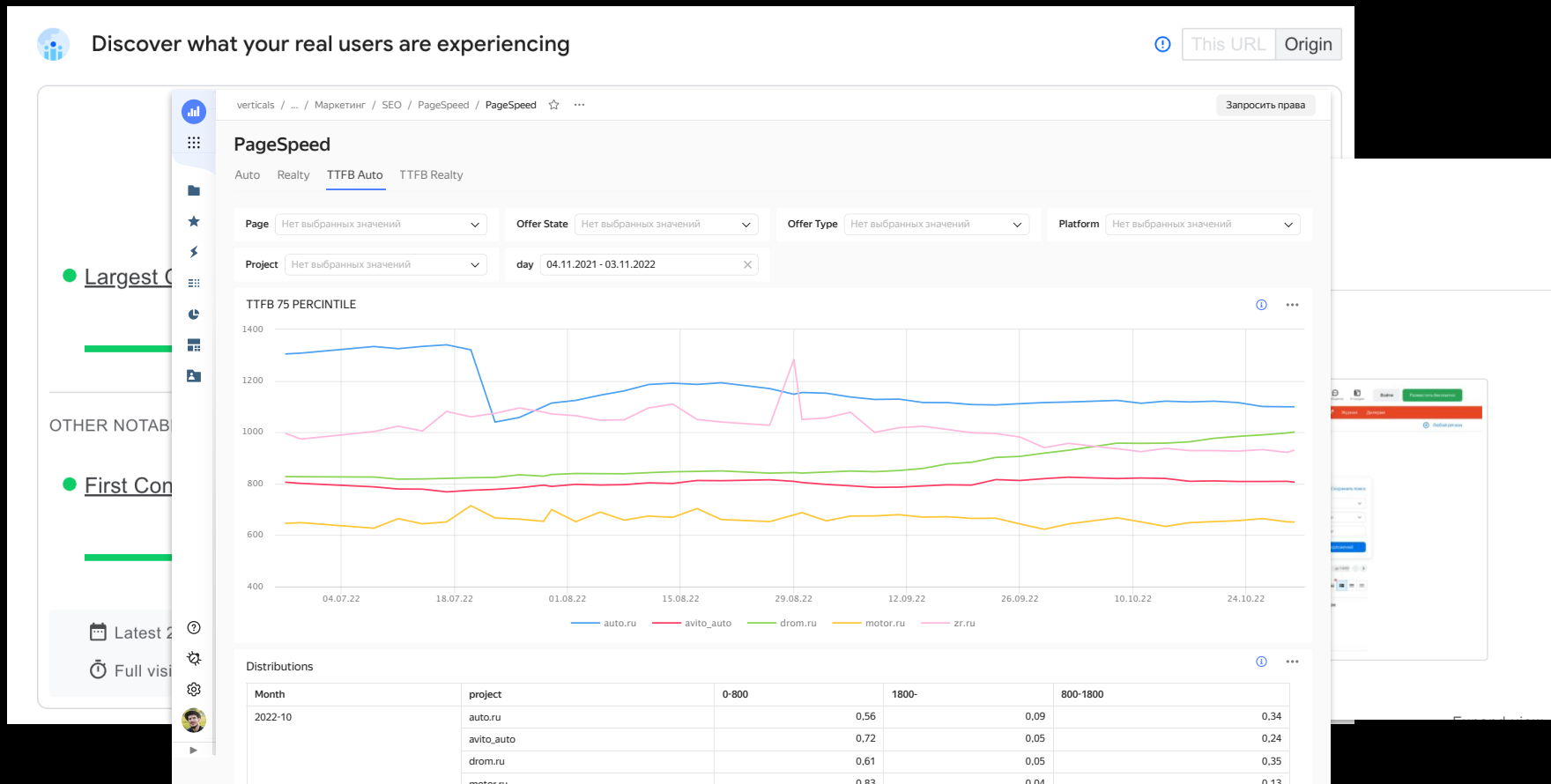


All Chrome versions

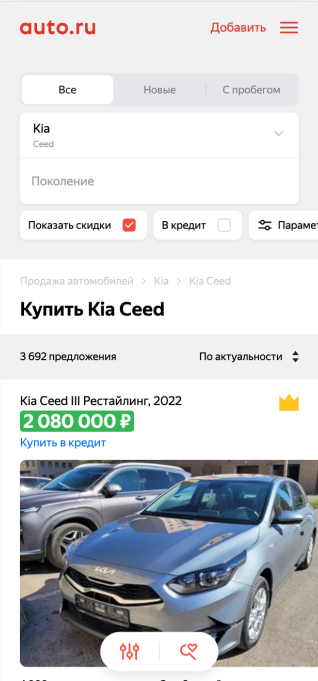
https://pagespeed.web.dev



https://pagespeed.web.dev



Chrome DevTools



auto.ru Добавить

Все Новые С пробегом

Kia Ceed

Поколение

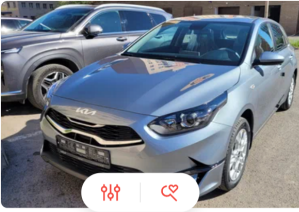
Показать скидки В кредит Параметры

Продажа автомобилей > Kia > Kia Ceed

Купить Kia Ceed

3 692 предложения По актуальности

Kia Ceed III Рестайлинг, 2022
2 080 000 ₽
Купить в кредит



4 000 км Серебристый

https://auto.ru/cars/kia/ceed/all/

Performance

60

Values are estimated and may vary. The [performance score is calculated](#) directly from these metrics. [See calculator.](#)

▲ 0-49 ■ 50-89 ● 90-100

METRICS

| | |
|--|--|
| ■ First Contentful Paint 2.9 s | ▲ Time to Interactive 9.7 s |
| ▲ Speed Index 6.0 s | ■ Total Blocking Time 540 ms |
| ■ Largest Contentful Paint 3.4 s | ● Cumulative Layout Shift 0 |

[View Original Trace](#) [View Treemap](#)

Expand view

Chrome DevTools

The screenshot displays the Chrome DevTools interface with the Performance and Network tabs open. The Performance tab shows a '60' FPS score, indicating good performance. The Network tab shows a list of network requests, with the main request being 'auto.ru/ (auto.ru)'. The left sidebar shows the 'auto.ru' website interface, including a search bar, filters, and a list of car listings. The main content area shows the 'Performance' section with a '60' FPS score and a 'Performance score' link. The Network tab shows a list of network requests, including 'react-with-dom.min.j...', 'card_1365f916a6a51f...', 'common_b93b55427b...', 'client_22b369f9af4cc7...', 'context.js (yandex....', 'YSText-...', '35211...', '5d9258...', 'host.js (...', '363bdad95...', '456x342 ...', 'price@2...', 'YSText-bol...', 'YSText-reg...', 'mda2.1.min.js (sso.auto.ru)', 'text-vari...', '1615643 (yandex.ru)', 'shared-li...', 'client_abff15ece2cd111d367e.js (ya...', 'vendor_ea1cd5d77b17d31ef2d0.js (ya...', 'common_ce820f837e72cfcc58cf.js (ya...', 'card_654fa2b64e296d7700ac.js (yastat', 'icon-32x3...', '148790 (yandex.ru)', 'v2 (yandex.ru)', and '5c28'.

Performance

Values are estimated and may vary. The [performance score](#) is calculated directly from these metrics. [See calculator.](#)

Network

auto.ru/ (auto.ru)

- react-with-dom.min.j...
- card_1365f916a6a51f...
- common_b93b55427b...
- client_22b369f9af4cc7...
- context.js (yandex....
- YSText-...
- 35211...
- 5d9258...
- host.js (...
- 363bdad95...
- 456x342 ...
- price@2...
- YSText-bol...
- YSText-reg...
- mda2.1.min.js (sso.auto.ru)
- text-vari...
- 1615643 (yandex.ru)
- shared-li...
- client_abff15ece2cd111d367e.js (ya...
- vendor_ea1cd5d77b17d31ef2d0.js (ya...
- common_ce820f837e72cfcc58cf.js (ya...
- card_654fa2b64e296d7700ac.js (yastat...
- icon-32x3...
- 148790 (yandex.ru)
- v2 (yandex.ru)
- 5c28

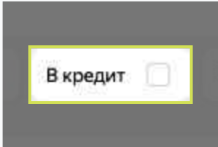
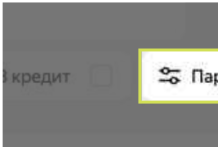
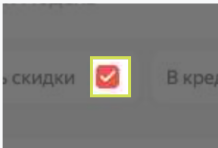
Chrome DevTools

auto.ru Добавить

https://auto.ru/cars/kia/ceed/all/

○ Avoid large layout shifts — 3 elements found

These DOM elements contribute most to the CLS of the page. **CLS**

| Element | CLS Contribution |
|---|------------------|
|  В кредит <code></code> | 0 |
|  Параметры <code></code> | 0 |
|  скидки В кредит <code></code> | 0 |

Task

- Evaluate Script
- Run Microtasks
- (anonymous)
- (anonymous)
- M.hydrate
- zd
- bi
- (anonymous)
- vd

139.21 ms (anonymous)

ja
\$g
Za
u...
eb
Za
gf
di
u...y
Pj
Qj

Pj
Ch
fh
r
a.loadSync
requireSync
l
51873
l
9...1 40...4 49770
l
6... 18...9 61...9
l
5... 63...3 13...6
l
82...9
l
62...8

shared-II...
client_abff15ece2cd111d367e.js (ya...
vendor_ea1cd5d77b17d31ef2d0.js (yas...
common_ce820f837e72cfcc58cf.js (yas...
card_654fa2b64e296d7700ac.js (yastat...
icon-32x3...

148790 (yandex.ru)
v2 (yandex.ru)

5c28

Lighthouse Pair Test

To infinity... and beyond!

Lighthouse

p75 p90

Test: 65

<https://auto.ru/?cookiesync=true>

Prod: 64

<https://auto.ru/?cookiesync=true>

Device: desktop

| Compare | med test | med prod | delta |
|--|-----------|-----------|----------|
| largest-contentful-paint | 1,796 ms | 1,807 ms | 11 ms |
| total-blocking-time | 1,830 ms | 1,846 ms | 16 ms |
| cumulative-layout-shift | 1 ms | 1 ms | 0 ms |
| first-contentful-paint | 1,363 ms | 1,364 ms | 1 ms |
| speed-index | 4,893 ms | 4,922 ms | 29 ms |
| Time to Interactive | 6,054 ms | 6,080 ms | 26 ms |
| (TTFB) server-response-time | 602 ms | 602 ms | 0 ms |
| Compare Server Timings | med test | med prod | delta |
| descript_publicApiPersonalization_GET_1.0_personalization_get-recommended-offers | 82 ms | 83 ms | 1 ms |
| descript_publicApiCard_GET_1.0_search_-category-_breadcrumbs | 76 ms | 71.5 ms | 4.5 ms |
| serverRouter | 0.29 ms | 0.29 ms | 0 ms |
| react | 81.4 ms | 81.88 ms | 0.48 ms |
| total | 353.17 ms | 354.87 ms | 1.7 ms |
| ssr | 77.16 ms | 77.345 ms | 0.185 ms |
| descript_publicApiCatalog_GET_1.0_reference_catalog_tags_v1 | 20 ms | 35.5 ms | 15.5 ms |
| descript_publicApiSubscriptions_GET_user_favorites_all_subscriptions | 90 ms | 91 ms | 1 ms |
| descript_publicApi_GET_1.0_search_history | 81 ms | 81 ms | 0 ms |

Score Median: 64

| Prod | min | median | max |
|--|-----------|-----------|-------------|
| largest-contentful-paint - 7,498 | 842 ms | 1,807 ms | 12,502 ms |
| total-blocking-time - 7,498 | 139 ms | 1,846 ms | 4,721 ms |
| cumulative-layout-shift - 7,498 | 0 ms | 1 ms | 3 ms |
| first-contentful-paint - 7,498 | 660 ms | 1,364 ms | 12,407 ms |
| speed-index - 7,498 | 957 ms | 4,922 ms | 16,385 ms |
| Time to Interactive - 7,498 | 1,190 ms | 6,080 ms | 21,540 ms |
| (TTFB) server-response-time - 7,498 | 297 ms | 602 ms | 3,385 ms |
| Prod Server Timings | min | median | max |
| descript_publicApiPersonalization_GET_1.0_personalization_get-recommended-offers - 7,498 | 17 ms | 83 ms | 289 ms |
| descript_publicApiCard_GET_1.0_search_-category-_ breadcrumbs - 12 | 46 ms | 71.5 ms | 127 ms |
| serverRouter - 7,498 | 0.13 ms | 0.29 ms | 5.25 ms |
| react - 7,498 | 25.54 ms | 81.88 ms | 735.42 ms |
| total - 7,498 | 174.93 ms | 354.87 ms | 2,432.15 ms |
| ssr - 7,498 | 22.62 ms | 77.345 ms | 282.98 ms |
| descript_publicApiCatalog_GET_1.0_reference_catalog_tags_v1 - 8 | 7 ms | 35.5 ms | 76 ms |
| descript_publicApiSubscriptions_GET_user_favorites_all_subscriptions - 7,498 | 19 ms | 91 ms | 627 ms |
| descript_publicApi_GET_1.0_search_history - 7,498 | 11 ms | 81 ms | 536 ms |
| descript_publicApiCompare_GET_user_compare_-category-_ - 7,498 | 11 ms | 79 ms | 250 ms |
| descript_publicApiSearch_GET_1.0_search_-category-_ offer-locator-counters - 7,498 | 71 ms | 136 ms | 502 ms |
| descript_publicApiLeprosarium_GET_1.0_search_-category-_ mark-model-filters - 17 | 341 ms | 496 ms | 1,501 ms |
| descript_publicApiAuth_GET_1.0_session - 7,498 | 9 ms | 17 ms | 281 ms |
| descript_marketingApi - 45 | 11 ms | 63 ms | 125 ms |
| descript_publicApiShark_POST_1.0_shark_credit-product_list - 7,498 | 14 ms | 86 ms | 1,000 ms |
| descript_publicApiSearch_GET_1.0_search_-category-_ count - 7,498 | 19 ms | 78 ms | 352 ms |
| descript_publicApiPersonalization_GET_1.0_personalization_get-mixed-personalized-offers-feed - 2,990 | 159 ms | 412 ms | 1,022 ms |
| descript_publicApiSearch_GET_1.0_search_cars_showcase - 1 | 166 ms | 166 ms | 166 ms |
| descript_publicApiHistory_GET_1.0_history_last_-category-_ - 7,498 | 9 ms | 85 ms | 471 ms |
| descript_publicApiShark_GET_1.0_shark_bank_list - 7,498 | 12 ms | 77 ms | 1,000 ms |
| descript_journal-s3 - 3 | 11 ms | 37 ms | 205 ms |
| descript_uuas_-pathname- - 7,498 | 1 ms | 3 ms | 99 ms |
| descript_publicApiCatalog_GET_1.0_reference_catalog_-category-_ dictionaries_v1_equipment - 9 | 10 ms | 24 ms | 74 ms |
| page - 7,498 | 106.56 ms | 233.03 ms | 2,162.3 ms |
| descript_publicApiBilling_GET_1.0_billing_subscriptions_-product-_ prices - 7,498 | 59 ms | 115 ms | 643 ms |
| getSession - 7,498 | 9.4 ms | 18.86 ms | 420.71 ms |

Lighthouse Pair Test

| | |
|--|-----------------|
| <u>largest-contentful-paint</u> | 1,796 ms |
| <u>total-blocking-time</u> | 1,830 ms |
| <u>cumulative-layout-shift</u> | 1 ms |
| <u>first-contentful-paint</u> | 1,363 ms |
| <u>speed-index</u> | 4,893 ms |
| <u>Time to Interactive</u> | 6,054 ms |
| <u>(TTFB) server-response-time</u> | 602 ms |

Lighthouse Pair Test

| | |
|--|----------|
| largest-contentful-paint | 1,796 ms |
| total-blocking-time | 1,830 ms |
| cumulative-layout-shift | 1 ms |

[first-contentful-paint](#)
[speed-index](#)
[Time to Interactive](#)
[\(TTFB\) server-response-time](#)

Device: mobile

| Compare | med test | med prod | delta |
|---|----------|----------|--------|
| largest-contentful-paint | 1,157 ms | 1,439 ms | 282 ms |
| total-blocking-time | 1,242 ms | 1,248 ms | 6 ms |
| cumulative-layout-shift | 0 ms | 0 ms | 0 ms |
| first-contentful-paint | 1,040 ms | 1,324 ms | 284 ms |
| speed-index | 1,184 ms | 1,458 ms | 274 ms |
| Time to Interactive | 3,392 ms | 3,702 ms | 310 ms |
| (TTFB) server-response-time | 637 ms | 922 ms | 285 ms |
| Compare Server Timings | med test | med prod | delta |

Lighthouse Pair Test

| | |
|--|----------|
| largest-contentful-paint | 1,796 ms |
| total-blocking-time | 1,830 ms |
| cumulative-layout-shift | 1 ms |

first:
spee
Time
(TTB

Device: mobile

| Compare | med test | med prod | delta |
|--|----------|----------|--------|
| largest-contentful-paint | 1,157 ms | 1,439 ms | 282 ms |
| total-blocking-time | 1,242 ms | 1,248 ms | 6 ms |

| Compare | med test | med prod | delta |
|---|-----------|-----------|----------|
| largest-contentful-paint | 3,863 ms | 4,358 ms | 495 ms |
| total-blocking-time | 3,762 ms | 5,206 ms | 1,444 ms |
| cumulative-layout-shift | 0 ms | 0 ms | 0 ms |
| first-contentful-paint | 2,997 ms | 3,602 ms | 605 ms |
| speed-index | 7,478 ms | 7,124 ms | 354 ms |
| Time to Interactive | 15,408 ms | 17,804 ms | 2,396 ms |
| (TTFB) server-response-time | 524 ms | 754 ms | 230 ms |
| Compare Server Timings | med test | med prod | delta |

Lighthouse Pair Test

- › Собран на базе sitespeed.io
- › Сравнивает две версии
- › Конфигурируемый запуск

Lighthouse Pair Test

Run Custom Build Verticals / Testing / Speed / NEW PAIR LH











General

Parameters *

Comment and Tags

The parameters below are marked as necessary for review.

Configuration parameters

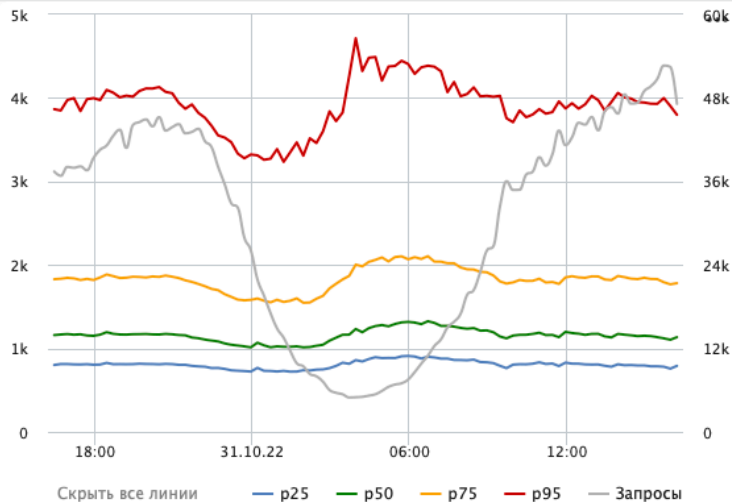
| | | | |
|-----------------|-----------------------------------|---|-----------------------|
| chrome * | <input type="text" value="90.0"/> |   | Reset |
| cookie.prod * | <input type="text"/> |   | Reset |
| | Value must be specified | | |
| mobile * | <input type="checkbox"/> | | Reset |
| threads * | <input type="text" value="20"/> |   | Reset |
| url * | <input type="text"/> |   | Reset |
| | Value must be specified | | |
| url.prod * | <input type="text"/> |   | Reset |
| useCache * | <input type="checkbox"/> | | Reset |
| useThrottling * | <input type="checkbox"/> | | Reset |

Run Build

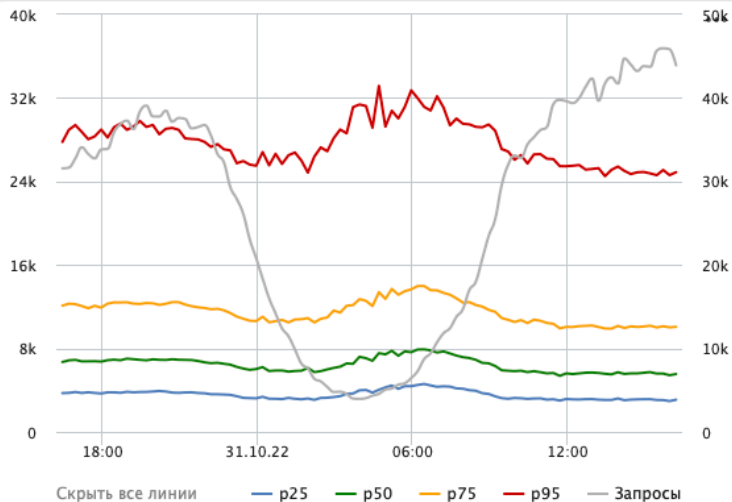
Cancel

Real User Monitoring (RUM)

first contentful paint i



time to interactive i

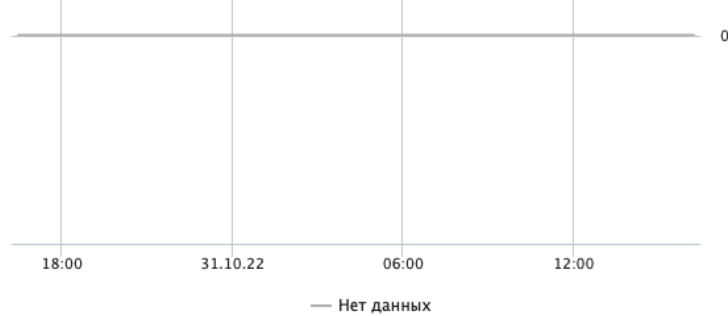
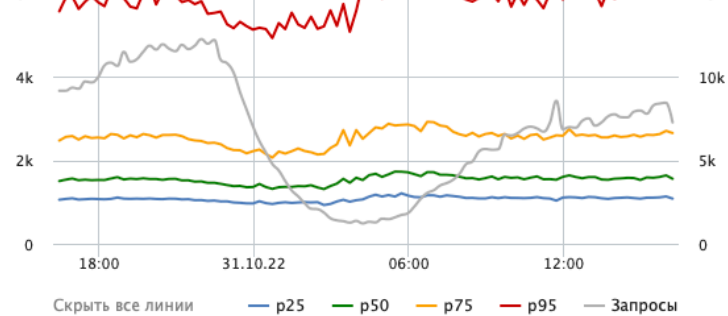


dom_loading i

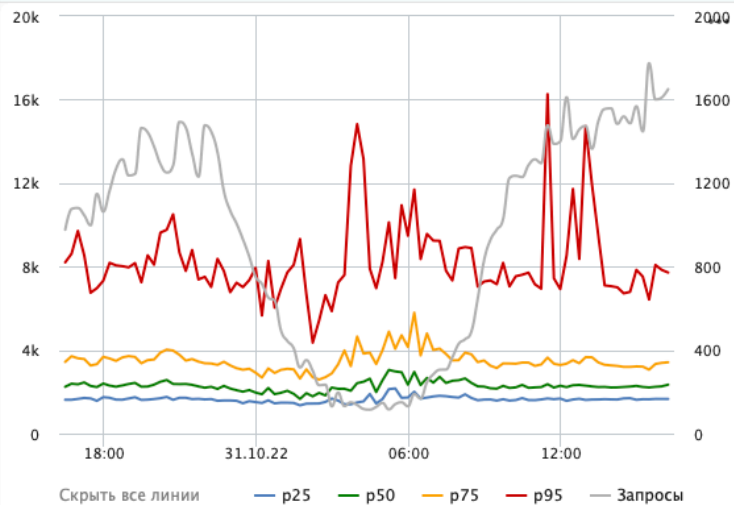


dom_interactive i

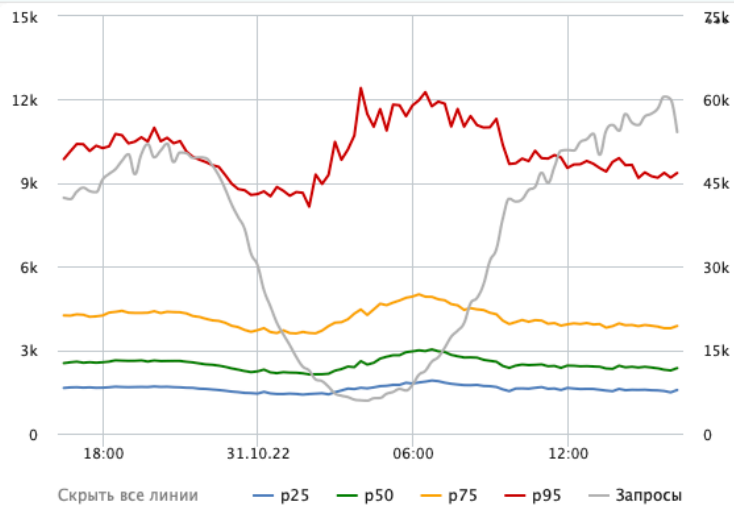




BEM initied



JS framework initied



Google Search Console

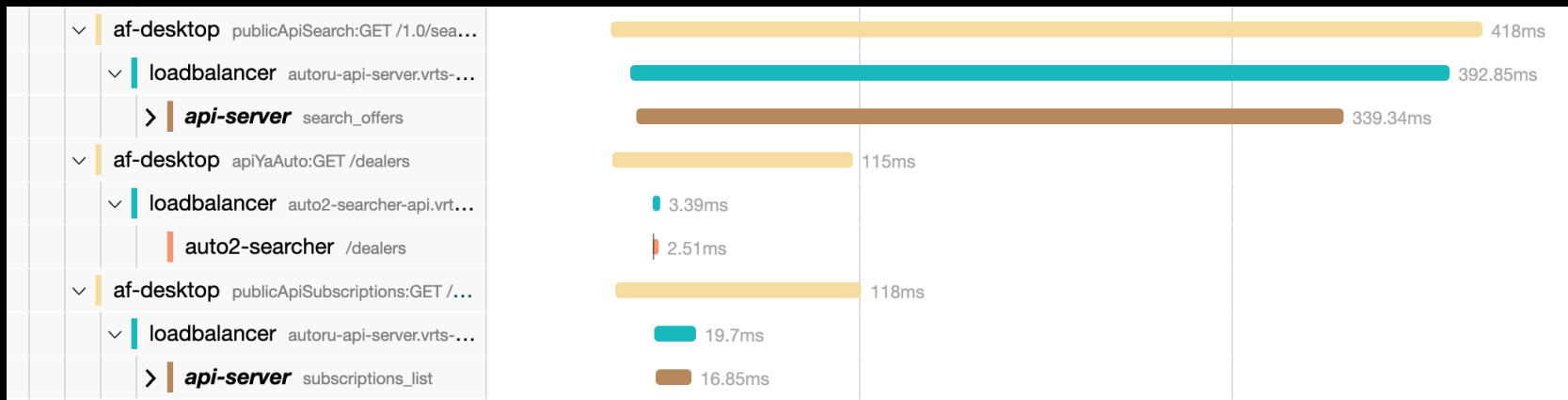
Почему у этих страниц недостаточно высокое качество

Страницы с указанными ниже проблемами неудобны на мобильных устройствах.



| Уровень | Проблема | Проверка | Тенденция | URL-адреса |
|--------------------------|--|-----------|-----------|------------|
| Нужно увеличить скорость | Значение показателя "FID" слишком велико: более 100 мс (мобильные устройства) | Не начато | | 252 863 |
| Нужно увеличить скорость | Значение показателя "LCP" слишком велико: более 2,5 с (мобильные устройства) | Не начато | | 214 616 |
| Низкая скорость | Значение показателя "LCP" слишком велико: более 4 сек. (мобильные устройства) | Не начато | | 29 259 |
| Нужно увеличить скорость | Проблема с CLS: значение показателя выше порогового (0,1). Устройство: мобильные устройства. | Не начато | | 20 111 |

Trace (jaeger)



Metrics (prometheus)



Metrics (prometheus)



Logs

