



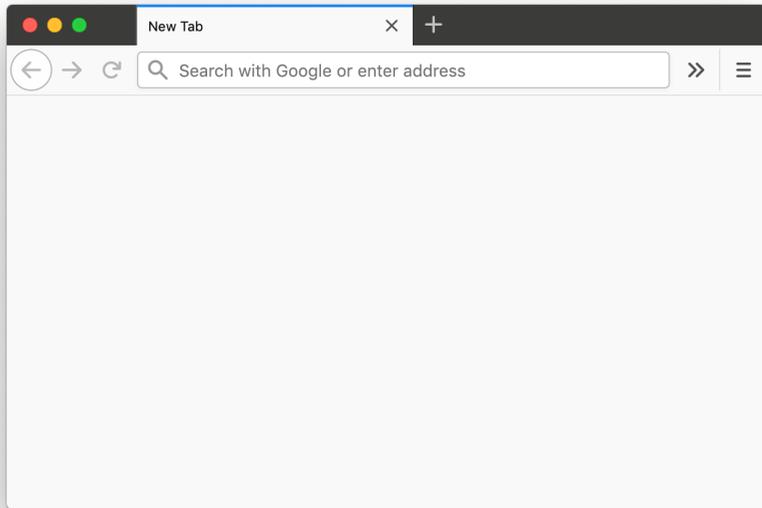
Создание доступных уведомлений, алёртов и других асинхронных элементов

Сергей Кригер

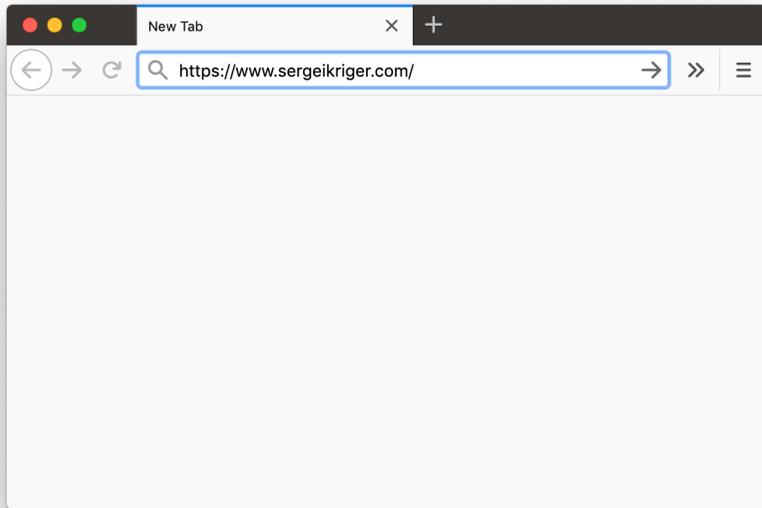
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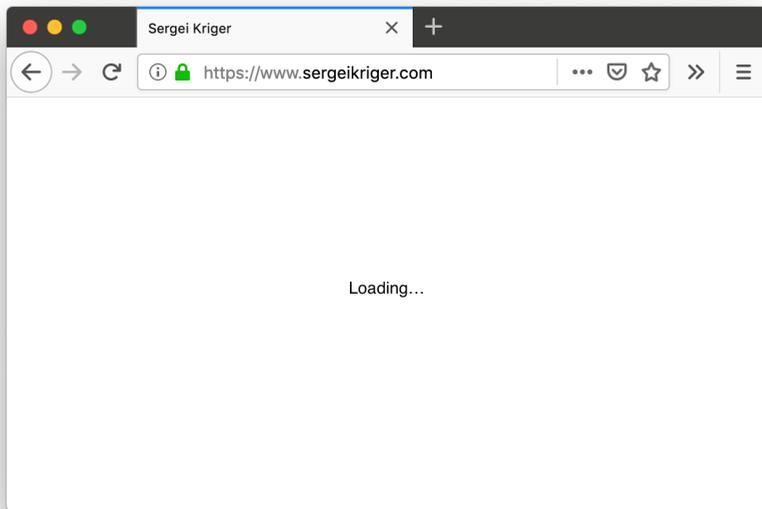
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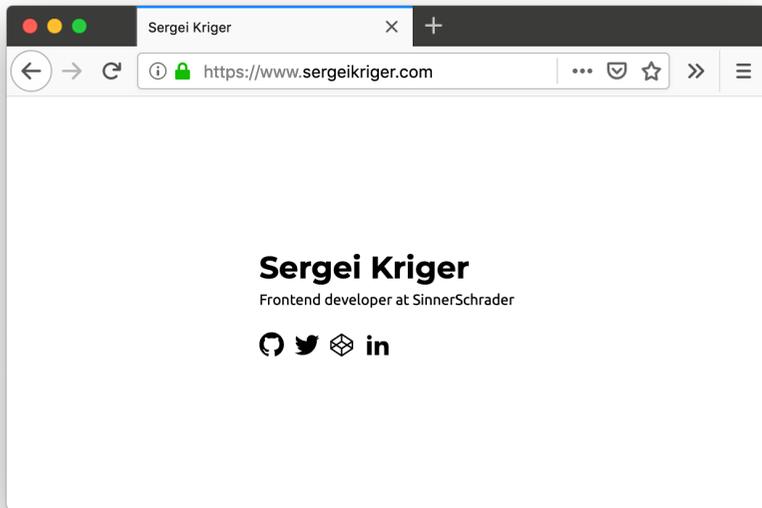
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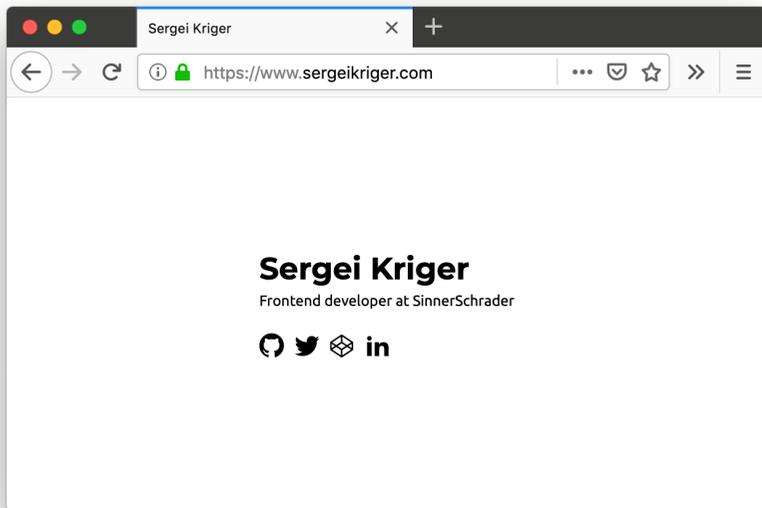
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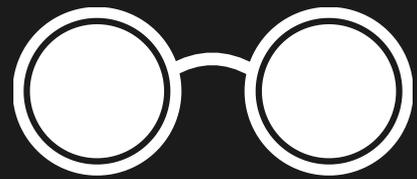


Загрузка страницы



Загрузка страницы





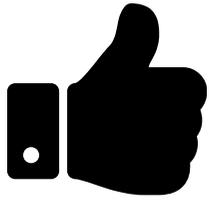


Что, если ошибка?



i Информировать





Live Regions

```
aria-live="polite | assertive | off"
```

Как работает Live Region

01.

02. `<div></div>`

03.

Шаг 1: Добавить атрибут

01.

02. `<div aria-live="polite"></div>`

03.

Шаг 2: Обновить контент

01.

02. `<div aria-live="polite"></div>`

03.

04. `const el = document.querySelector('div');`

05. `el.textContent = 'Вам понравилось.'`

06.



polite

vs.

assertive

vs.

off

`off` = ничего

Polite

"Мама всегда говорила, что жизнь как коробка шоколадных конфет – никогда не знаешь, что внутри."

Assertive

"Мама всегда говорила, что жизнь как коробка шоколадных конфет – никогда не знаешь, что внутри."

Live Regions

`aria-live="polite"` `aria-live="assertive"` `aria-live="off"`

`aria-controls="[ID] [ID]"`

`role="log"` `role="status"` `role="alert"` `role="progressbar"`

`role="marquee"` `role="timer"`



ARIA Live Regions

Советы по Live Region

Не будет работать

01.

02. `<div></div>`

03.

04. `const el = document.querySelector('div');`

05. `el.setAttribute('aria-live', 'polite');`

06. `el.textContent = 'Вам понравилось.'`

07.

А так будет!

01.

02. `<div aria-live="polite"></div>`

03.

04. `const el = document.querySelector('div');`

05. `el.textContent = 'Вам понравилось.'`

06.

Совместимость

01.

02. `<div role="status" aria-live="polite"></div>`

03.

04. `<div role="alert" aria-live="assertive"></div>`

05.

 **on-demand-live-region**

On Demand Live Region

01.

```
02. const liveRegion = new OnDemandLiveRegion({
```

```
03.   level: 'polite'
```

```
04. });
```

05.

```
06. liveRegion.say('Вам понравилось.');
```

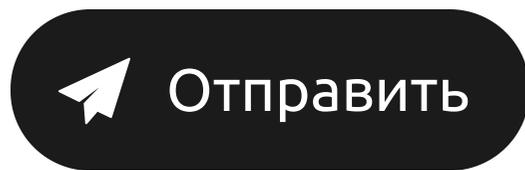
07.



Отправить

 **Действие**

```
el.focus()
```



Модальное окно

"Мама всегда говорила, что жизнь как коробка шоколадных конфет – никогда не знаешь, что внутри."

Focus trap

"Мама всегда говорила, что жизнь как коробка шоколадных конфет – никогда не знаешь, что внутри."



focus-trap

Советы по фокусу

`<button>`

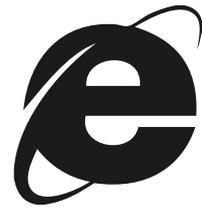
`<a>`

`<input>`

`<textarea>`

...

```
<div tabindex="0 | 1 | 2 | ..." >
```



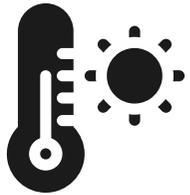
```
<div tabindex="0" aria-label="...">
```

Примеры



Обновить

"Мама всегда говорила, что жизнь как коробка шоколадных конфет – никогда не знаешь, что внутри."



Email:

me@example.com

Пароль:

•••••

Регистрация

Загрузить файл



document.pdf

0kb



Резюме

- Информировать
- `aria-live="polite | assertive"`
- `el.focus()`

W3C Working Group Note

WAI-ARIA Authoring Practices 1.1

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WAI-ARIA Authoring Practices 1.1

W3C Working Group Note 07 February 2019



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Abstract

This document provides readers with an understanding of how to use [WAI-ARIA 1.1 \[WAI-ARIA\]](#) to create accessible rich internet applications. It describes considerations that might not be evident to most authors from the WAI-ARIA specification alone and recommends approaches to make widgets, navigation, and behaviors accessible using WAI-ARIA roles, states, and properties. This document is directed primarily to

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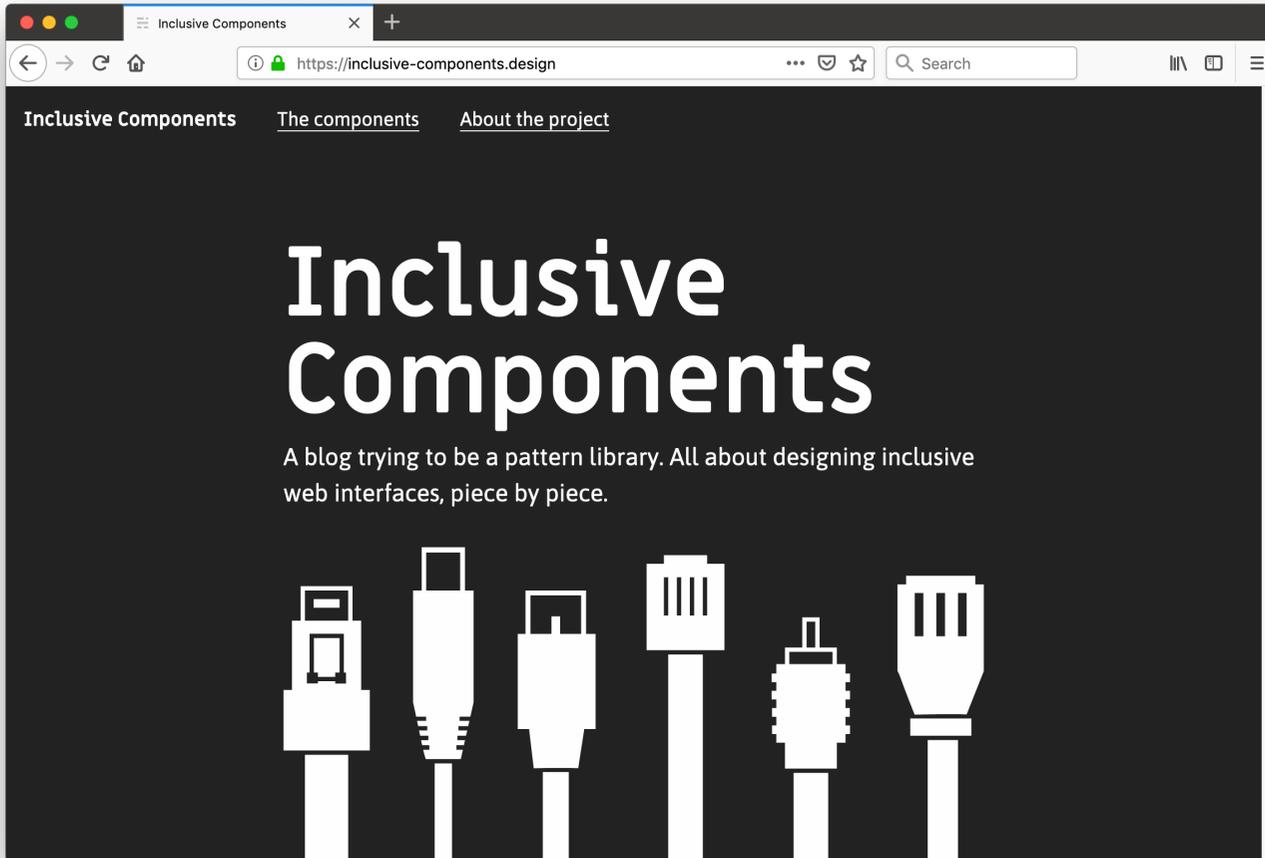


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