Offine-fisi

Aurelijus Banelis

NoTrollsAllowed 2018-07-28





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Websites that can work

offine

The World Wide Web project

WORLD WIDE WEB

The HorldHideHeb (H3) is a wide-area hypermedia[1] information retrieval initiative aiming to give universal access to a large universe of documents.

Everything there is online about H3 is linked directly or indirectly to this document, including an executive summary[2] of the project, Hailing lista[3] Policy[4] , November's H3 meas[5] , Frequently Raked Questiona[6] .

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Technical(19) Details of protocols, forwats, prograw internals etc

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ContextDesigned to be online, but used offline?

Principles Taking advantage of restrictions



Creating your own offline WebSite

The World Wide Web project

WORLD WIDE WEB

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ContextDesigned to be online, but used offline?

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WebSite looks



Users connecting



The World Wide Web project

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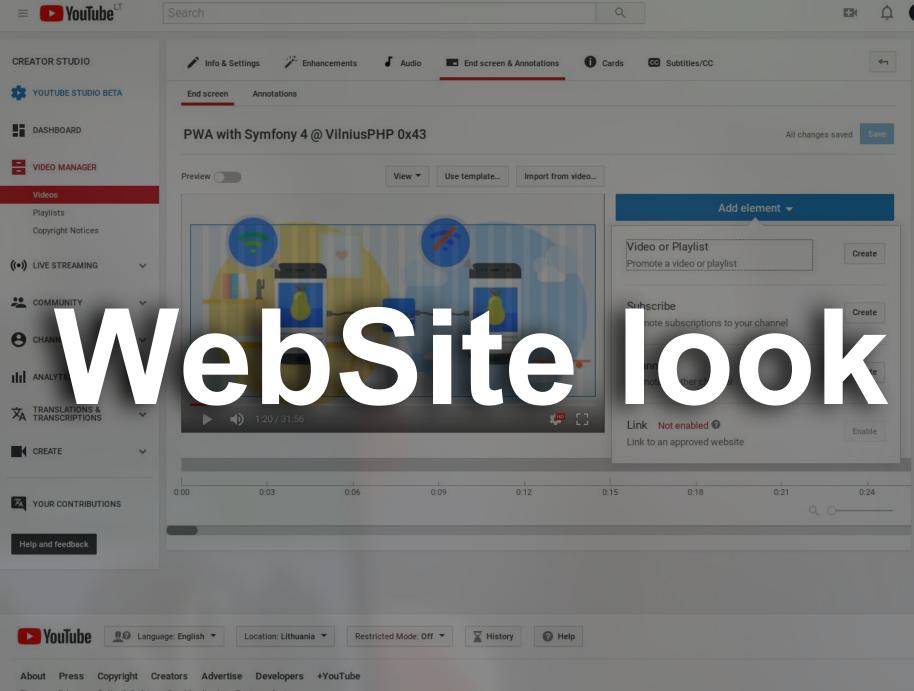


Software A list of W3 project components and their current Products[11] state. (e.g. Line Mode[12] ,X11 Viola[13] , NeXTStep[14] , Servers[15] , Tools[16] , Mail robot[17] , Library[18])

Technical[19]

Details of protocols, formats, program internals etc

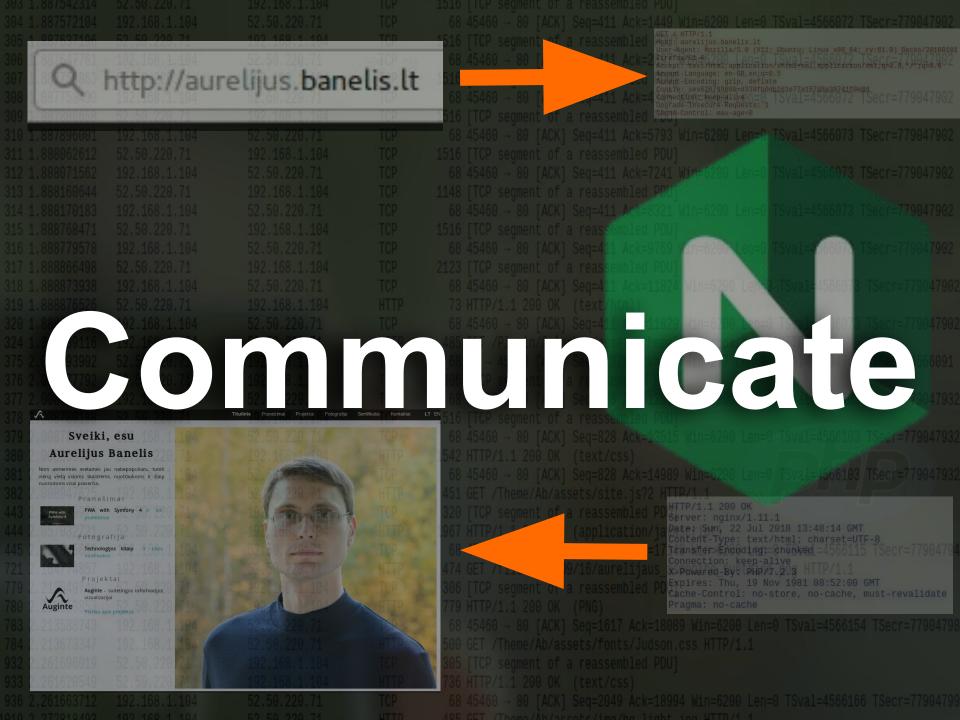
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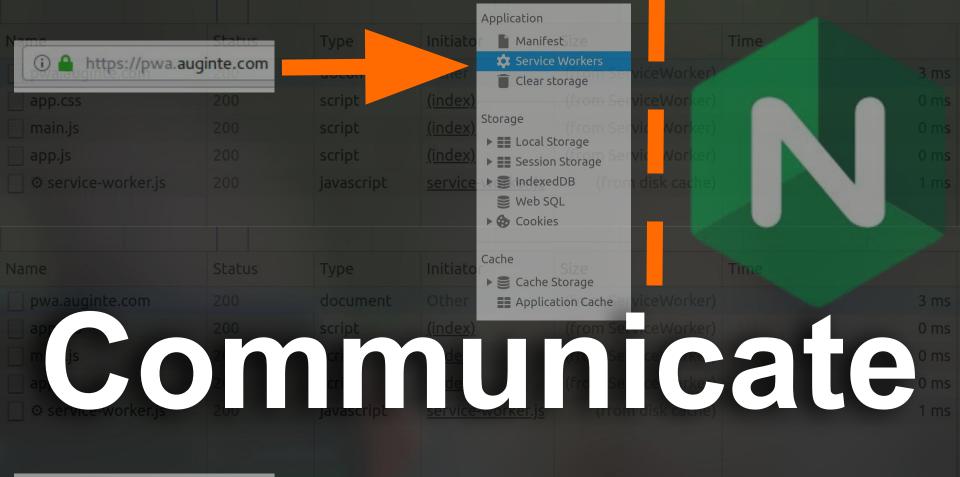


Terms Privacy Policy & Safety Send feedback Test new features

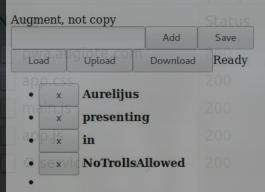
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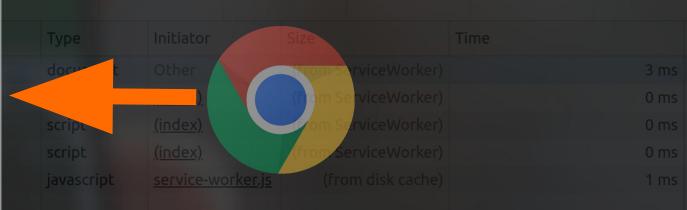
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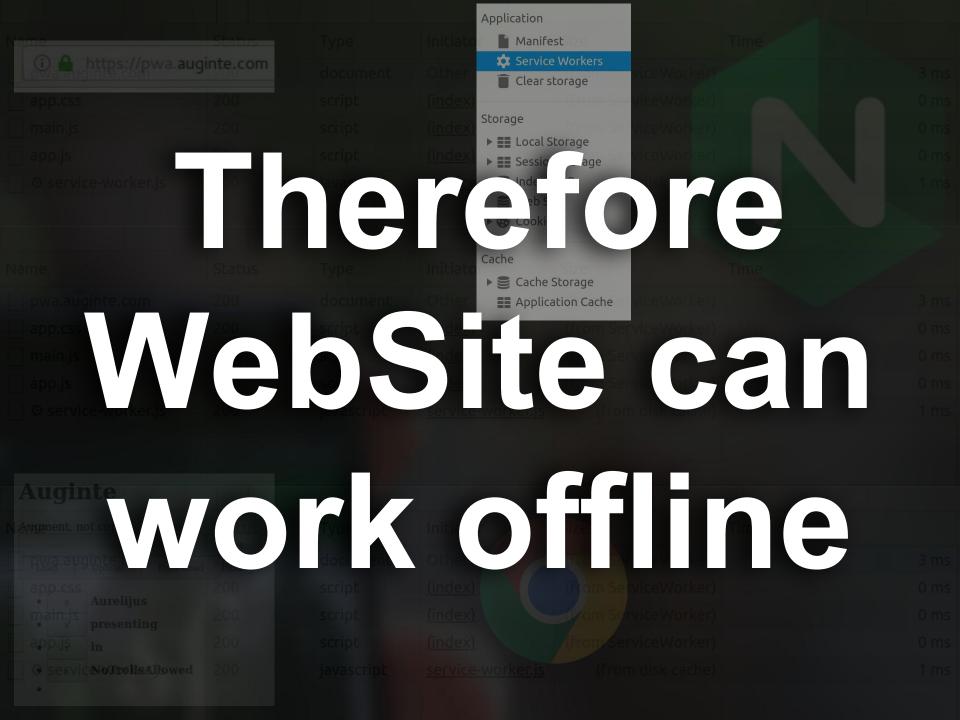




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console sources network renormance memory

Service Workers

Offline Off

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is it enough?

Clients https://pwa.auginte.com/ focus

Service Workers

Offline Update on reload Bypass for network

pwa.auginte.com

Source <u>service-worker.js</u>

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Status • #312 activated and is running stop

Clients https://pwa.auginte.com/ focus

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CONTRACT Service Workers – technology behind offline Web

Principles Taking advantage of restrictions



Service Workers

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Principles Taking advantage of restrictions

Service Workers – technology behind offline Web

Context

Tooling Creating your own offline WebSite

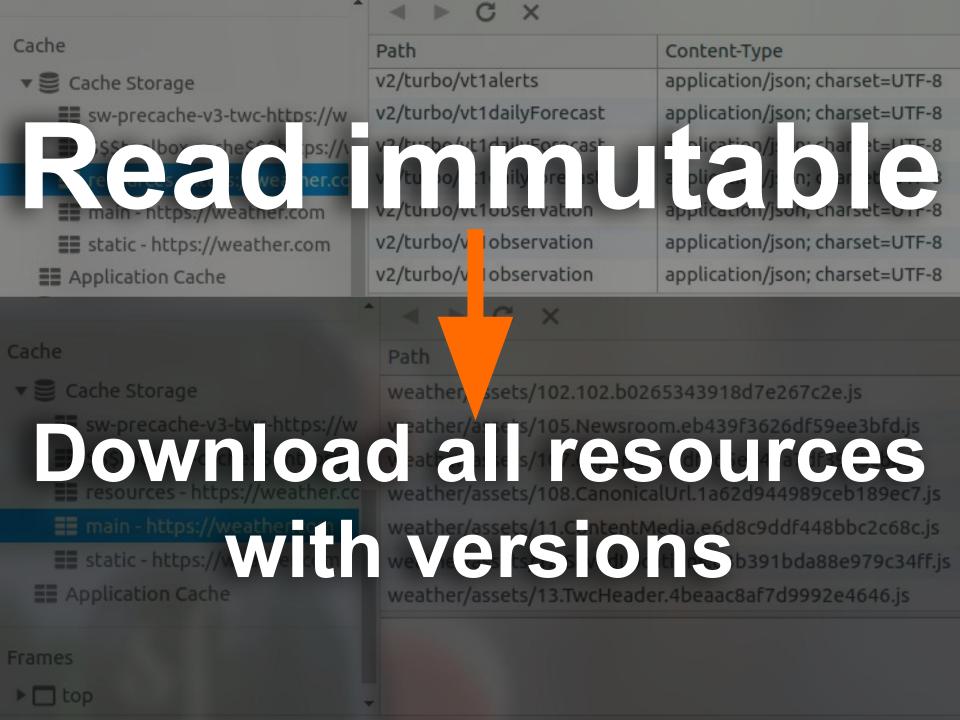
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Read immutable

Write Later

Let's explain by example...





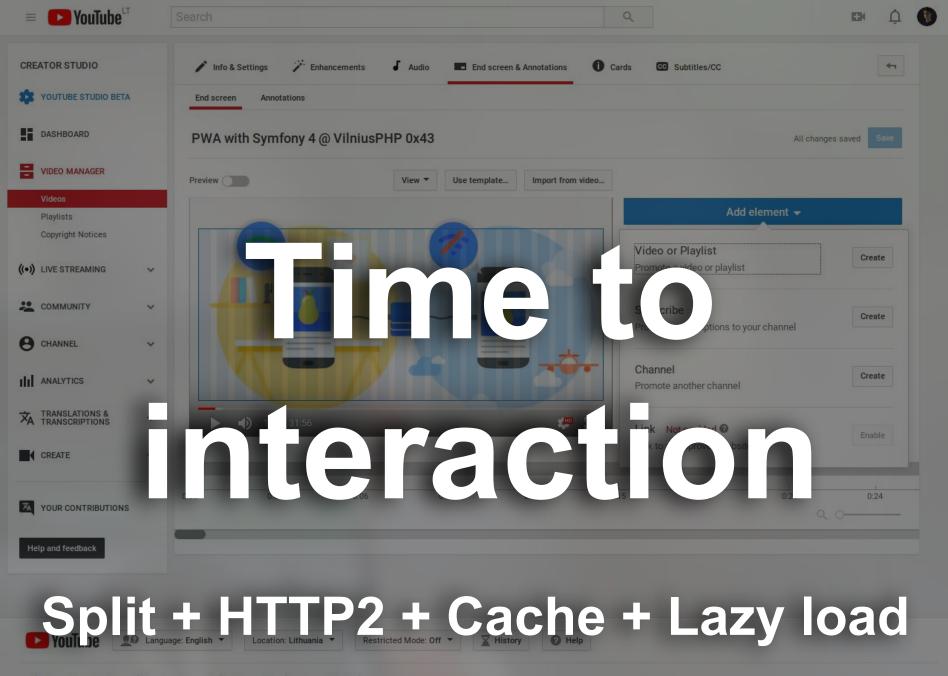
Store in the Browser, then upload to server

Harder to start, but benefits are visible later...



Fast first byte

CDN + progressive enhancement



 About
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 Policy & Safety
 Send feedback
 Test new features

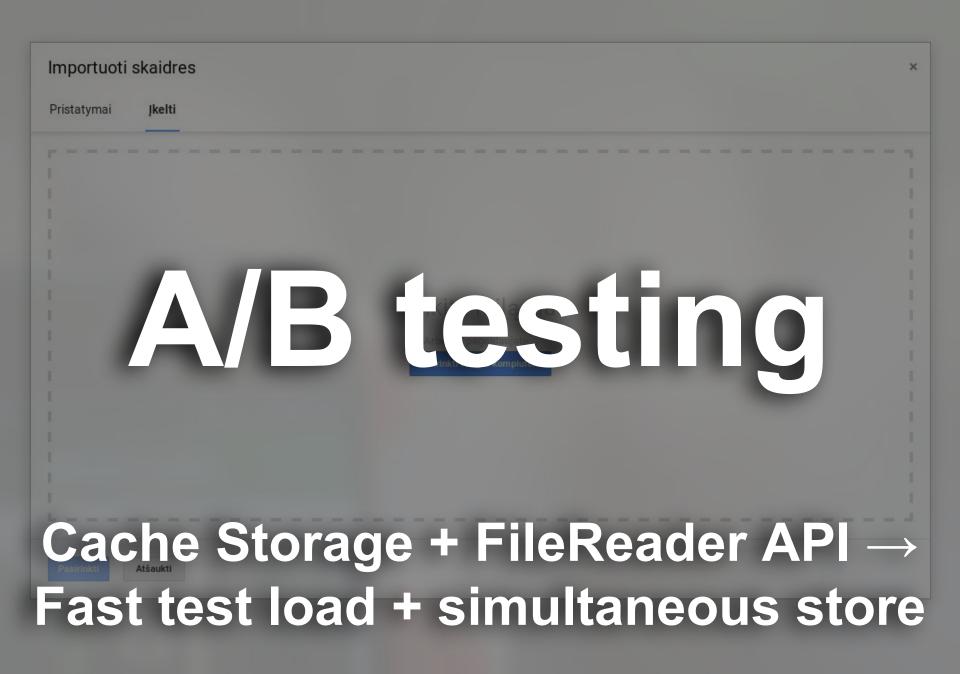
2018 reform of EU data protection rules

Stronger rules on data protection mean people have more control over their personal data and businesses benefit from a level playing field.



Sync on consent

What are Data Protection Authorities (DPAs)?



Context Designed to be online, but used offline?

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Context Designed to be online, but used offline?

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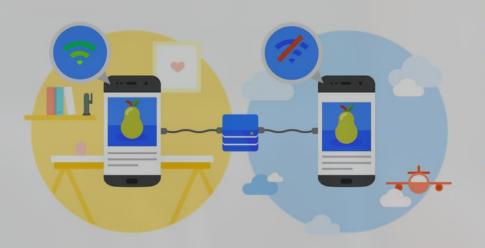


Progressive Web Apps are user experiences that have the reach of the web, and are:

- Reliable Load instantly and never show the downasaur, even in uncertain network conditions.
- Fast Respond quickly to user interactions with silky smooth animations and no janky scrolling.
- Engaging Feel like a natural app on the device, with an immersive user experience.

This new level of quality allows Progressive Web Apps to earn a place on the user's home screen.

Service Workers



Reliable

When launched from the user's home screen, service workers enable a Progressive Web App to load instantly, regardless of the network state.

A service worker, written in JavaScript, is like a client-side proxy and puts you in control of the cache and how to respond to resource requests. By pre-caching key resources you can eliminate the dependence on the network, ensuring an instant and reliable experience for your users.

LEARN MORE

serviceWorker.unregister ClearCache Button to clear Locatic reload(); Cache

https://gist github com/ourslijush/2d7as6s7

CommandQuerySeparation



Martin Fowler 5 December 2005

The term 'command query separation' was coined by Bertrand Meyer in his book "Object Oriented Software Construction" - a book that is one of the most influential OO books during the early days of OO. (1) firs of it of the books during the influence, the second of the book of the book of the book of the book of the months in a gym before you ca... lift it.)

The f no nental idea is that we should divide an c iv vs rite for the page of at gris :

- Queries: Return a result and do not change the observable state of the system (are free of side effects).
- Commands: Change the state of a system but do not return a value.

Because the term 'command' is widely used in other contexts I prefer to refer to them as 'modifiers', you also see the term 'mutators'.

Can I use <u>ServiceWorker</u>? A Settings

1 result found



Details on partial support can be found on is ServiceWorker Ready?

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Born online, Flourish offline

Details of protocols, formats, program internals

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Offline-first WEB

Thank you. **Questions?**

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Further reading

https://developers.google.com/web/fundamentals/instant-and-offline/web-storage/offline-for-pwa https://www.npmjs.com/package/sw-precache-webpack-plugin https://stackoverflow.com/questions/8645369/how-do-i-get-the-file-content-from-a-form https://youtu.be/_bzqF05xsC4 o https://aws.amazon.com/appsync/ https://medium.com/webpack/predictable-long-term-caching-with-webpack-d3eee1d3fa31 https://ec.europa.eu/commission/sites/beta-political/files/data-protection-factsheet-changes_en.pdf https://jakearchibald.com/2016/streams-ftw/