

Le Low-Tech Web



Antoine Cailly

Dev @ Zenika Rennes

github: [acailly](#)

twitter: [@AntoineCailly](#)

Diplômé INSA Rennes en 2009

6 ans IPSIS/ITLink, 5 ans Zenika

SIG, 3D, Télémedecine, Ministères, Armée,  
Banques, CEA, Ifremer...

Clients lourds, Back, Front, Agilité

BreizhCamp, Devoxx FR, Agile Tour Rennes

<https://acailly.github.io>

Le Low-Tech Web

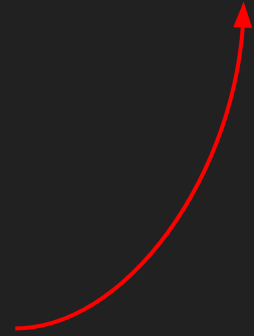
D'abord un tour du web

et après un TP

D'abord un tour du web

et après un TP

*interrompez moi s.v.p*



C'est quoi  
Low-Tech ?

Gauthier Roussilhe

[http://www.gauthierroussilhe.com/  
fr/posts/une-erreur-de-tech](http://www.gauthierroussilhe.com/fr/posts/une-erreur-de-tech)

Low Technology,  
High Technics

# C'est quoi Low-Tech ?

Gauthier Roussilhe

[http://www.gauthierroussilhe.com/  
fr/posts/une-erreur-de-tech](http://www.gauthierroussilhe.com/fr/posts/une-erreur-de-tech)

- Technologie,  
+ Savoir faire



# C'est quoi Low-Tech ?

Low-Tech Lab

<https://lowtechlab.org/>

- Utile
- Accessible
- Durable



Un exemple

les grid beams

<https://oxidbeam.xyz>

∟



<https://gridbeam.xyz/>

<https://theawesomer.com/grid-beam-construction-system/446653/>







Le Low-Tech... Web ?

Concepts

History

Interviews

Space Stations

Technology

# Space Exploration

By Astrodigital

*Space Exploration -> Interviews*



## An Interview with Alan Bean

*By Jim Plaxco*

On the afternoon of October 3, 1992, I had the privilege to sit and speak, all too briefly, with Alan Bean, Apollo 12 Lunar Module Pilot, 4th man to walk on the Moon, Commander of the 1973 Skylab 2 mission, and renowned space artist. The following is a transcription of that conversation.

**JP:** Approximately how many paintings have you done?

Le Web aujourd'hui



# Software disenchantment

Nikita Tonsky - 2018

[https://tonsky.me/blog/  
disenchantment/](https://tonsky.me/blog/disenchantment/)

Tout est insupportablement lent, énorme  
et finit par devenir obsolète

Programmer, c'est le même bordel

# The Cost Of JavaScript

Addy Osmani - 2018

[https://medium.com/@addvosmani/  
the-cost-of-javascript-in-201  
8-7d8950fbb5d4](https://medium.com/@addvosmani/the-cost-of-javascript-in-2018-7d8950fbb5d4)

The web is bloated by user "experience"

JavaScript has a cost

Design for resilience

# Unbearable News

Zain Amro - 2019

[https://zainamro.com/notes/  
unbearable-news](https://zainamro.com/notes/unbearable-news)

I've embedded A Tale of Two Cities by Charles Dickens on this page in its entirety, and you probably didn't even notice. Yes, all of it (260 pages).



Le monde du  
logiciel est  
en train de se  
détruire

Olivier PHILIPPOT - 2018

<https://greenspector.com/fr/le-monde-du-logiciel-est-en-train-de-se-detruire-manifeste-pour-un-developpement-plus-durable/>

On attend (trop) la solution miracle

On s'amuse (trop) et on ne se remet pas  
(assez) en cause

On perd (trop) souvent le but final :  
l'utilisateur

Alors on fait quoi ?

On optimise !

ça nous fera de la place pour ajouter  
plein de trucs !

T'as essayé le Server  
Side Rendering ?

vous reprendrez bien une dose de  
complexité ?

Tout le monde fait la  
même chose  
donc on s'en fout

On va renoncer à  
certaines choses

hein ? y'a des gens qui font ça ?



Des exemples !

mais avant ça,

des questions ou remarques ?

Des exemples !

# Le Low-Tech Magazine

<https://solar.lowtechmagazine.com/>

L'exemple que tout le monde cite 🕶️

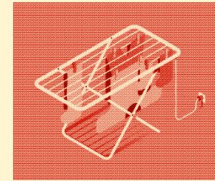
## LOW←TECH MAGAZINE

This is a solar-powered website, which means it sometimes goes offline \*

About | [Low-tech Solutions](#) | [High-tech Problems](#) | [Obsolete Technology](#) | [Offline Reading](#) | [Archive](#) | [Donate](#) | 📄

### High-tech Problems

Technology has become the idol of our society, but technological progress is—more often than not—aimed at solving problems caused by earlier technical inventions.



#### Bedazzled by Energy Efficiency

To focus on energy efficiency is to make present ways of life non-negotiable.

January 2018  
Page size: 606.28KB



#### How Sustainable is Digital Fabrication?

Automation is more energy-intensive than mechanisation.

March 2014



#### High Speed Trains are Killing the European Railway Network

High speed rail is destroying the most valuable alternative



#### Bike Powered Electricity Generators are Not Sustainable

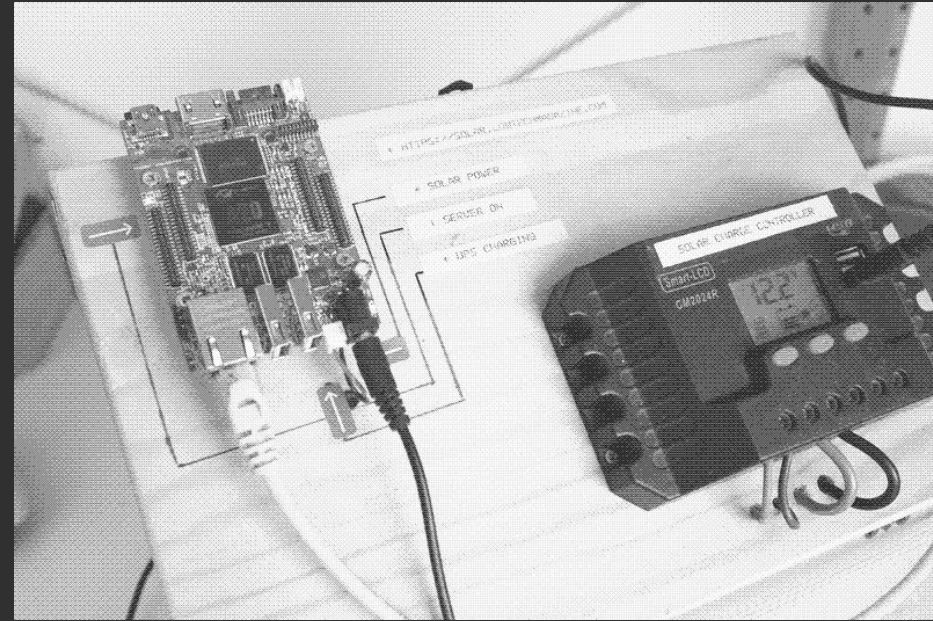
The present approach to pedal power results in highly

DEMO

# Le Low-Tech Magazine

<https://solar.lowtechmagazine.com/>

L'exemple que tout le monde cite 🧐



Les versions lite

# Facebook Basic

<https://mbasic.facebook.com/>

Rechercher sur Facebook Rechercher

Accueil Profil Messages Notifications Discussion instantanée(14) Amis(5) **Pages(6)** **Groupes(2)**  
COVID-19 Menu



**Mark Zuckerberg** ✓ 📱

🏠 Founder and CEO, à Facebook  
🎓 Études : Computer Science and Psychology à Harvard University  
Bringing the world closer together.

Message S'abonner Plus

Journal · Photos · Mentions J'aime

**Emploi**

 **Chan Zuckerberg Initiative**  
1 décembre 2015 à aujourd'hui

# CNN Lite

<http://lite.cnn.com/en>

[CNN](#) | 5/1/2020 | [Listen](#)

## Main Stories

- [In quest for vaccine, US makes 'big bet' on company with unproven technology](#)
- [A ventilator developed by NASA has been approved by the FDA for coronavirus patients](#)
- [Critics said the flu kills more than coronavirus. Why that's not a fair comparison -- and now, it's not even true](#)
- [Trump contradicts US intel community by claiming he's seen evidence coronavirus originated in Chinese lab](#)
- [Trump administration draws up plans to punish China over coronavirus outbreak](#)
- [Opinion: This is what happens when coronavirus research funding gets political](#)
- [Fact check: Hilton CEO shatters Trump's testing conspiracy theory while sitting beside him](#)
- [Can Trump make good on his vaccine promise?](#)
- [Canada bans assault-style weapons after its worst ever mass murder](#)
- [Top HHS spokesman repeatedly directed sexually crude and sexist tweets at women](#)
- [Biden denies sexual assault allegation: 'This never happened'](#)
- [READ: Joe Biden's statement on sexual assault allegation](#)
- [Anderson Cooper announces the birth of his son Wyatt: 'Our family continues'](#)
- [Andy Cohen is thrilled with Anderson Cooper's baby news](#)
- [Nick Cordero's wife says his lungs are 'severely damaged'](#)
- [His pregnant wife was killed in a mass shooting. Her dying wish was for healthcare workers to have PPE](#)
- [This is the most dangerous place in the grocery store](#)

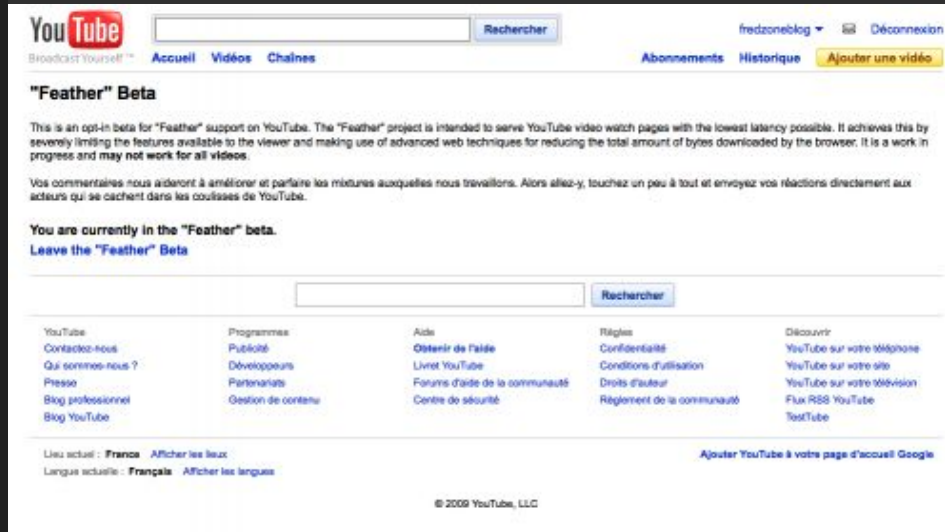


# Youtube Feather

[https://blog.chriszacharias.com/  
page-weight-matters](https://blog.chriszacharias.com/page-weight-matters)

1.2 Mo => 98 Ko

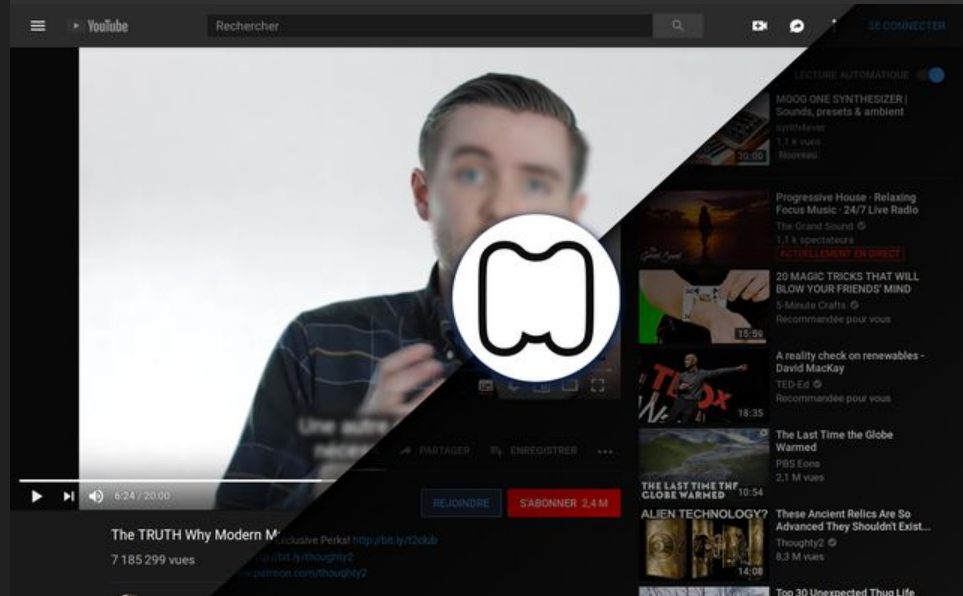
La latence moyenne  
augmente !!???



The screenshot shows the YouTube homepage with a search bar at the top. The main heading is "**\"Feather\" Beta**". Below it, a paragraph explains that this is an opt-in beta for "Feather" support on YouTube, intended to serve video watch pages with the lowest latency possible by limiting features and using advanced web techniques. It notes that the beta is a work in progress and may not work for all videos. A second paragraph in French asks for user feedback to improve the beta. Below this, there is a section titled "You are currently in the \"Feather\" beta." with a link to "Leave the \"Feather\" Beta". At the bottom of the page, there is a footer with navigation links, a copyright notice for 2009 YouTube, LLC, and a link to add YouTube to a Google page.

# minimal

<https://addons.mozilla.org/fr/firefox/addon/minimal-internet-experience/>



Des sites populaires  
Low-Tech ça existe ?

# craigslist

<https://www.craigslist.org/>

Since 1996

The screenshot shows the Craigslist website for the Brittany region. The layout is organized into several columns and sections:

- Top Left:** The 'craigslist' logo with a small 'fr' flag. Below it are links for 'Publier dans Petites annonces' and 'Mon compte'. A search bar contains the text 'Rechercher dans cra'. Below the search bar is a 'Calendrier d'événements' (calendar) for the month of April, with the 1st highlighted in yellow.
- Top Right:** A header for 'Bretagne' with a language dropdown menu set to 'français'.
- Middle Left:** A 'Services' column with a list of categories including Animaux, Ancees.PE, Auto, Beauté, Cours, Création, Cycle, écrit.ed/trad, Événements, and Financiers.
- Middle Center:** A 'Communauté' column with categories like Activités, Animaux, Artistes, Bénévoles, Coup de pouce au destin, Coups de coeur/de griffe, Cours, and Covoiturage.
- Middle Right:** An 'Immobilier' column with categories such as Apts / Immob, Bureaux / Commerces, Chbres / Colloc, Demande de logement, Échange d'apts, Immob à vendre, Locations de vacances, Parking / Garage, Recherche chbre, and Sous-loc / Logmt temp.
- Bottom Left:** A 'Forums de discussion' section.
- Bottom Center:** A 'À vendre' column with categories like Acc.auto, Antiquités, Art+Artisanat, Autos+camions, aviation, Bateaux, Bébé+enfant, Bijoux, Billets, CD/DVD/VHS, Collections, Électroménager, matériel lourd, Meubles, Motos, Ordinateurs, Outils, pcs bateau, Photo+vidéo, pièces ordi, pièces vélo, Recherche, remorques & caravanes, and matériel lourd.
- Bottom Right:** An 'Emploi' column with categories including Admin / Secrétariat, Arch / Ingénierie, Art / Média / Création, Biotech / Science, Comm / Direction, Commerce de détail, Compta + finance, Conception Web/Infog, Enseignement, etc / misc, Fonction pub., Général, Immobilier, Industrie, Jurid / Parajurid, Logiciel / QA / DBA, Marketing / RP / Pub, Médical / Santé, Rédaction / Édition, Ressources humaines, Rest. / Hôtellerie, Salon / Spa / Fitness, Secteur associatif, Sécurité, and Service clientèle.
- Far Right:** A vertical navigation menu with links for 'france', 'bordeaux', 'bretagne', 'côte d'azur', 'grenoble', 'lille', 'loire (vallée)', 'lyon', 'marseille', 'montpellier', 'normandie', 'paris', 'strasbourg', 'toulouse', 'europe', and 'ci monde'.

# Hacker News

<https://news.ycombinator.com/>

Créé par Paul Graham,  
co-fondateur de  
Y Combinator

Y Hacker News new | past | comments | ask | show | jobs | submit login

1. ▲ Ask HN: Who is hiring? (May 2020)  
332 points by whoishiring 5 hours ago | hide | 329 comments
2. ▲ Show HN: Plotting 3 years of hourly data in 150ms (leeoniya.github.io)  
147 points by leeoniya 2 hours ago | hide | 23 comments
3. ▲ New bill threatens journalists' ability to protect sources (techcrunch.com)  
190 points by pseudolus 4 hours ago | hide | 76 comments
4. ▲ Show HN: RegEx for Regular Folk – A visual, example-based introduction to RegEX (shreyasminocha.me)  
266 points by shreyasminocha 6 hours ago | hide | 57 comments
5. ▲ Ask HN: Who wants to be hired? (May 2020)  
52 points by whoishiring 3 hours ago | hide | 91 comments
6. ▲ The Best. iOS Sandbox Escape (siguza.github.io)  
53 points by mp3il 2 hours ago | hide | 4 comments
7. ▲ Physics Today is temporarily making its archive freely available (scitation.org)  
212 points by happy-go-lucky 4 hours ago | hide | 13 comments
8. ▲ Jepsen: Dgraph 1.1.1 (jepsen.io)  
111 points by aphyr 5 hours ago | hide | 40 comments
9. ▲ How failures led to a SaaS [audio] (fallory.com)  
78 points by aledatgrande 4 hours ago | hide | 19 comments
10. ▲ Automating Complex 3D Modeling (sandia.gov)  
10 points by sizzle 1 hour ago | hide | discuss
11. ▲ The Shareware Scene, Part 2: The Question of Games (filfre.net)  
19 points by doppp 2 hours ago | hide | discuss
12. ▲ Ray Tracing with POV-Ray: 25 scenes in 25 days (2013) (github.com)  
74 points by todiaac 5 hours ago | hide | 54 comments
13. ▲ Virtual tour of the tomb of Pharaoh Ramses VI (matterport.com)  
124 points by open-source-ux 6 hours ago | hide | 32 comments
14. ▲ Comprehensive Tutorial on Time Series Modelling and Forecasting (kanokl.org)  
170 points by min2bro 8 hours ago | hide | 33 comments
15. ▲ Git Branch Naming Conventions (deepsources.io)  
65 points by sanketsaurav 4 hours ago | hide | 43 comments



# Hacker News

Chiffres de 2015 :

<https://news.ycombinator.com/item?id=9220098>

Roughly 2.6M views a day, 300K daily uniques, 3 to 3.5M monthly uniques.

One single server :

2 x 3GHz Intel DecaCore

8 x 16GB DDR3

```
function vote(ev, el, how) {
  var id = el.id.split(/_/)[1];
  var up = $('up_' + id);
  vis(up, how == 'un');
  vis($('down_' + id), how == 'un');
  var unv = '';
  if (how != 'un') {
    unv = " | <a id='un_" + id
      + "' onclick='return vote(event, this, \"un\")' href='"
      + up.href.replace('how=up', 'how=un')
      + "'>" + (how == 'up' ? 'unvote' : 'undown') + "</a>"
  }
  $('unv_' + id).innerHTML = unv;
  new Image().src = el.href;
  ev.stopPropagation();
  return false;
}

function comments () { return allof('comtr') }
function collapsed () { return allof('coll') }
```

2.2 Ko de JavaScript  
non minifié

# Hacker News

Témoignage en 2019

[https://news.ycombinator.com/  
item?id=20854214](https://news.ycombinator.com/item?id=20854214)

▲ Tell HN: Thank you for not redesigning Hacker News

1831 points by ramphastidae 8 months ago | hide | past | web | favorite | 390 comments

I'm currently in a country with low speed internet and the entire 'modern' web is basically unusable except HN, which still loads instantly. Reddit, Twitter, news and banking sites are all painfully slow or simply time out altogether.

To PG, the mods and whoever else is responsible: thank you for not trying to 'fix' what isn't broken.

Thank you for not trying to  
'fix' what isn't broken

Le cas Medium



# Medium

<https://medium.com/>



The image shows a screenshot of a Medium article page. At the top, there is a navigation bar with a 'Sign in' link and a 'Get started' button. Below this is a secondary navigation bar with categories: 'STRATEGY MEETING 2018', 'GENDER', 'GEO-ECONOMICS', 'ENVIRONMENT', and 'SCIENCE AND TECHNOLOGY'. The article title is 'Frugal innovation: the quiet revolution that is fighting off inequality'. The author is 'World Economic Forum' with a 'Follow' button. The date and time are 'Apr 21, 2017 - 5 min read'. There are social media sharing icons for Twitter, LinkedIn, Facebook, and a bookmark icon. The main image is a photograph of a person's silhouette against a blue sky filled with many small, dark, spherical objects. Below the image, there is a caption: 'Affordable technologies are allowing people to innovate in ways that were previously only available to large corporations. Image: REUTERS/Pilar Olivares'.


M


https:

✕

## Pardon the interruption.

We've seen you here before. Let's make things official.

 Sign up with Google

 Sign up with Facebook




Already have an account? [Sign in](#)


To make Medium work, we log user data and share it with service providers. Click "Sign up" above to accept Medium's [Terms of Service](#) & [Privacy Policy](#).

Sign in Get started

ENVIRONMENT SCIENCE AND TECHNOLOGY

## olution



only available to large

M

<https://>

chrome web store

Accueil > Extensions > Make Medium Readable Again

**MM**  
**RA**

# Make Medium Readable Again

Proposé par : <https://makemediumreadable.com>

★★★★☆ 81 | Productivité | 9 000+ utilisateurs

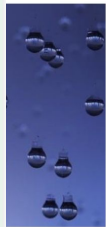
To make medium work, we log user data and share it with service providers. Click "Sign up" above to accept Medium's [Terms of Service](#) & [Privacy Policy](#).

Sign in Get started

ENVIRONMENT SCIENCE AND TECHNOLOGY

## olution

Twitter LinkedIn Facebook Print



only available to large

# Medium

<https://medium.com/>





The image shows a screenshot of a Medium article page. At the top, there is a navigation bar with a logo 'M' on the left, and 'Sign in' and 'Get started' buttons on the right. Below the navigation bar, there is a horizontal menu with categories: 'STRATEGY MEETING 2018', 'GENDER', 'GEO-ECONOMICS', 'ENVIRONMENT', and 'SCIENCE AND TECHNOLOGY'. The main content area features the article title 'Frugal innovation: the quiet revolution that is fighting off inequality' in a large, bold font. Below the title, it says 'World Economic Forum' with a 'Follow' button, and 'Apr 21, 2017 · 5 min read'. To the right of the text are social media sharing icons for Twitter, LinkedIn, Facebook, and a bookmark icon. Below the text is a large image showing a silhouette of a person standing in a field of many small, glowing spherical objects against a dark blue background. At the bottom of the image, there is a caption: 'Affordable technologies are allowing people to innovate in ways that were previously only available to large corporations. Image: REUTERS/Pilar Olivares'.

# Medium



To keep reading this story, create a free account.

 Sign up with Google

 Sign up with Facebook

Already have an account? [Sign in](#)

et si on ne gardait  
que l'essentiel ?

# Telegraph

<https://telegra.ph/>

Title

Your name

Your story..

PUBLISH

txti.es

<http://txti.es/>

## txti

Fast web pages for everybody.

[What is txti?](#) | [How to use txti](#)

### Create a txti

Content (required)

By continuing, you agree to the [terms of service](#).

or



# txti.es

<https://motherfuckingwebsite.com/>

## **This is a motherfucking website.**

And it's fucking perfect.

## **Seriously, what the fuck else do you want?**

You probably build websites and think your shit is special. You think your 13 megabyte parallax-ative home page is going to get you some fucking Awwward banner you can glue to the top corner of your site. You think your 40-pound jQuery file and 83 polyfills give IE7 a boner because it finally has box-shadow. Wrong, motherfucker. Let me describe your perfect-ass website:

- Shit's lightweight and loads fast
- Fits on all your shitty screens
- Looks the same in all your shitty browsers
- The motherfucker's accessible to every asshole that visits your site
- Shit's legible and gets your fucking point across (if you had one instead of just 5mb pics of hipsters drinking coffee)

## **Well guess what, motherfucker:**

You. Are. Over-designing. Look at this shit. It's a motherfucking website. Why the fuck do you need to animate a fucking trendy-ass banner flag when I hover over that useless piece of shit? You spent hours on it and added 80 kilobytes to your fucking site, and some motherfucker jabbing at it on their iPad with fat sausage fingers will never see that shit. Not to mention blind people will never see that shit, but they don't see any of your shitty shit.

You never knew it, but this is your perfect website. Here's why.

## **It's fucking lightweight**

This entire page weighs less than the gradient-meshed facebook logo on your fucking Wordpress site. Did you seriously load 100kb of jQuery UI just so you could animate the fucking background color of a div? You loaded all 7 fontfaces of a shitty webfont just so you could say "Hi" at 100px height at the beginning of your site? You piece of shit

```
▼ <style type="text/css">
  body{
    margin:40px auto;
    max-width:650px;
    line-height:1.6;
    font-size:18px;
    color:#444;
    padding:0 10px
  }
  h1,h2,h3{
    line-height:1.2
  }
</style>
```

## This is *still* a motherfucking website.

And it's more fucking perfect than the last guy's.

### Seriously, it takes minimal fucking effort to improve this shit.

#### 7 fucking declarations.

That's how much CSS it took to turn that [grotesque pile of shit](#) into this easy-to-read masterpiece. It's so fucking simple and it *still* has all the glory of the original perfect-ass website:

- Shit's *still* lightweight and loads fast
- *Still* fits on all your shitty screens
- *Still* looks the same in all your shitty browsers
- The motherfucker's *still* accessible to every asshole that visits your site
- Shit's *still* legible and gets your fucking point across

#### And guess what, motherfucker:

You never knew it, but it's easy to improve readability on your site. Here's how.

### Let it breathe

Look at lines 1 and 2 of some shitty website you're building. Assuming they're not married they probably shouldn't be humping. The defaults are trash -- pick a minimum `line-height: 1.4` for body copy. Headings should be tighter. If you can't see that...piss off.

# itty bitty

<https://itty.bitty.site>

28 bytes qr code menu

*itty bitty things*

*can be conveyed in a link.*

*type here – and then share!*

[about itty bitty](#)

copy link

----

share via

twitter

----

new site




about itty

**DEMO**





# itty bitty

[https://itty.bitty.site/  
#About/XQAAAI9BwAAAAAA  
AAeHMqHyTY4PyKmqfkwr6ooC  
XSIMxPO7ojYR153HqZD3W+ke  
Vdvwyoyd+luwncAksvskG/my  
97qDaUEyfDGB0QDbdURMwS0L  
90o5FnO7O+BMmWrcB7fs71TJ](https://itty.bitty.site/#About/XQAAAI9BwAAAAAA<br/>AAeHMqHyTY4PyKmqfkwr6ooC<br/>XSIMxPO7ojYR153HqZD3W+ke<br/>Vdvwyoyd+luwncAksvskG/my<br/>97qDaUEyfDGB0QDbdURMwS0L<br/>90o5FnO7O+BMmWrcB7fs71TJ)

**Itty bitty** sites are contained *entirely* within their own link. (Including this one!)  
This means they're...

-  **Portable** - you don't need a server to host them
-  **Private** - nothing is sent to—or stored on—*this* server
-  **Easy to share** as a link or [QR code](#)

**Itty bitty** sites can hold about as much as a printed page, and there is a lot you can do with that:

-  Compose [poetry](#)
-  Create an [app](#)
-  Bypass a 140 [280 char limit](#)
-  Express yourself [in ascii](#)

Learn more: [How it works](#) - [Advanced editing](#) - [Security](#) - [GitHub](#)

Create a new site




# itty bitty

<https://bit.ly/3bVsm8k>







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Learn more: [How it works](#) - [Advanced editing](#) - [Security](#) - [GitHub](#)

Create a new site

Les Wikis

# Wikipedia

<https://fr.wikipedia.org>



The screenshot shows the French Wikipedia homepage. At the top right, there is a user status bar indicating 'Non connecté' and links for 'Discussion', 'Contributions', 'Créer un compte', and 'Se connecter'. Below this is a navigation bar with 'Accueil' and 'Discussion' tabs, a search bar with the text 'Rechercher dans Wikipédia', and links for 'Lire', 'Voir le texte source', and 'Voir l'histoire'. The main header features the Wikipedia logo (a globe with letters) and the text 'Wikipédia L'encyclopédie libre'. To the right of the logo is a large puzzle piece graphic with the letter 'W' and the text 'Wikipédia L'encyclopédie libre que chacun peut améliorer'. Further right are links for 'Version pour appareil mobile', 'Accueil de la communauté', 'Portails thématiques', 'Principes fondateurs', 'Sommaire de l'aide', and 'Poser une question'. The left sidebar contains a list of links: 'Accueil', 'Portails thématiques', 'Article au hasard', 'Contact', 'Contribuer', 'Débuter sur Wikipédia', 'Aide', 'Communauté', 'Modifications récentes', 'Faire un don', 'Outils', 'Pages liées', 'Suivi des pages liées', 'Téléverser un fichier', 'Pages spéciales', 'Lien permanent', 'Informations sur la page', and 'Éléments Wikidata'. The main content area is divided into two columns. The left column is titled 'ARTICLE LABELLISÉ DU JOUR' and features an article about Mia Khalifa, including a small portrait photo of her. The right column is titled 'PRÉSENTATION' and contains introductory text about Wikipedia's mission and principles.

Non connecté Discussion Contributions Créer un compte Se connecter

Accueil Discussion Lire Voir le texte source Voir l'histoire Rechercher dans Wikipédia

Wikipédia L'encyclopédie libre

Version pour appareil mobile

Accueil de la communauté Portails thématiques Sommaire de l'aide  
Comment contribuer ? Principes fondateurs Poser une question

**ARTICLE LABELLISÉ DU JOUR**

**Mia Khalifa** (en arabe : ميا خليفة), née le 10 février 1993 à Beyrouth (Liban), est une influenceuse et personnalité médiatique américano-libanaise. Elle est surtout célèbre pour avoir eu une courte carrière en tant qu'actrice de films pornographiques entre octobre 2014 et février 2015.

Appartenant à la communauté des chrétiens d'Orient au Liban, sa famille déménage aux États-Unis en 2001. Mia Khalifa commence une carrière d'actrice pornographique en octobre 2014. Dès le mois de décembre de la même année, elle connaît un immense succès grâce à la diffusion d'une scène dans laquelle elle porte le hidjab, foulard porté par les femmes musulmanes. Grâce à cette vidéo, elle devient l'actrice la plus vue et recherchée sur le site de streaming pornographique Pornhub, leader

**PRÉSENTATION**

Wikipédia est un projet d'encyclopédie collective en ligne, universelle, multilingue et fonctionnant sur le principe du wiki. Ce projet vise à offrir un contenu librement réutilisable, objectif et vérifiable, que chacun peut modifier et améliorer.

Wikipédia est définie par des principes fondateurs. Son contenu est sous licence Creative Commons BY-SA. Il peut être copié et réutilisé sous la même licence, sous réserve d'en respecter les conditions. Wikipédia fournit tous ses contenus gratuitement, sans publicité, et sans recourir à l'exploitation des données personnelles de ses utilisateurs.

Les rédacteurs des articles de Wikipédia sont bénévoles. Ils

# Tiddly Wiki

<https://tiddlywiki.com/>

The screenshot shows the TiddlyWiki web interface. At the top, there is a navigation bar with links for 'GettingStarted', 'Contents', and a search box. The main content area features a page titled 'HelloThere' dated '15th April 2020 at 6:08pm'. Below the title is a 'TableOfContents' button. The text on the page reads: 'Have you ever had the feeling that your head is not quite big enough to hold everything you need to remember?' followed by a welcome message and a description of TiddlyWiki as a non-linear notebook. Below the text are several thumbnail images for various content items: 'Introduction to TiddlyWiki', 'A Gentle Guide', 'What's New in 5.1.22', 'TiddlyMap Plugin', 'Your notes thought Organized', 'Helping TiddlyWiki', 'Developers', and 'TiddlyWiki Classic'. On the right side, there is a sidebar with the 'TiddlyWiki' logo, a search bar, and a list of links: 'HelloThere', 'GettingStarted', and 'Community', with a 'close all' button at the bottom.



# Tiddly Wiki

[https://classic.tiddlywiki.com/  
archive/firstversion.html](https://classic.tiddlywiki.com/archive/firstversion.html)

Première version en 2004

## TiddlyWiki *a reusable non-linear personal web notebook*

**StartHere**

**UsingThisSite**  
*ReusingThisSite*  
*AdaptingThisSite*  
**TiddlyWiki**  
*TiddlyWikiDev*

Copyright 2004  
**JeremyRuston**

**StartHere**

This is the **FirstVersion** of **TiddlyWiki**. It has been superseded by the **ThirdVersion** at <http://www.tiddlywiki.com>

**Save all**

**Recent tiddlers:**

SavingStuff  
FirstVersion  
StartHere  
JeremyRuston  
TiddlyWiki

**All tiddlers:**

EmailMe  
FirstVersion  
JeremyRuston  
MainMenu  
SavingStuff  
SelfContained  
SiteSubtitle  
SiteTitle  
SpecialTiddlers  
StartHere  
TiddlyWiki  
UsingThisSite  
WikiWord

**License:**

This work is licensed under a  
Creative Commons License

# Tiddly Wiki

<http://www.climate-change-two.net/>

Autre exemple de 2007

## Climate Change 2.0

Drawing on the intelligence of a knowledge-based universe to address the climate change crisis



Climate Change 2.0

What Future for Life on Earth?

>

Climate Change 2.0 Elements -

Economics of Climate Change -

Confronting Climate Change -

Rescuing a Planet Under Stress

>

Sustainable Development >

[Look Annual DPM/NGO](#)

[Conferences](#) >

The Conference of NGOs

NGO Committee on Education >

[Subscribe to Climate Change](#)

[RSS](#)

About us

### Creative Commons TiddlyWiki edition of Climate Change 2007: IPCC Fourth Assessment Report

New

Visit [Climate Change 2007: IPCC Fourth Assessment Report](#) to see a draft version of a Creative Commons TiddlyWiki edition of the [Summary for Policymakers](#) of the recently-released [Synthesis Report](#) from the [Intergovernmental Panel on Climate Change](#)

### Climate Change 2.0

"No problem can be solved from the same level of consciousness that created it."

*Albert Einstein* (1879 - 1955) Physicist & Nobel Laureate

**Climate Change 2.0** is being developed from a vision of a collaborative application of **Web 2.0** methodologies to the global climate change crisis and incorporating a transition to an Open Source, Creative Commons climate. **Climate Change 2.0** is based on the recognition of the vital contribution that the combination of the **economics of information** and information and communications technologies (ICT) can contribute - and already are contributing - to addressing what is increasingly recognized as the greatest challenges to a sustainable common future, both through the power of the technologies and through the progressive discovery and realization of the fundamental properties and nature of a digital knowledge-based universe and the accompanying profound freedoms and transformation of human consciousness and the emergence of digitally-connected global civil society that has been growing rapidly since the early stages of preparations for the 1992 Earth Summit - of which the **United Nations Framework Convention on Climate Change** was a key component.

#### The Interlocking Crises

Until recently, the planet was a large world in which human activities and their effects were neatly compartmentalized within nations, within sectors (energy, agriculture, trade), and within broad areas of concern (environment, economics, social). These compartments have begun to dissolve. This applies in particular to the various global 'crises' that have seized public concern, particularly over the past decade. These are not separate crises: an environmental crisis, a

DEMO

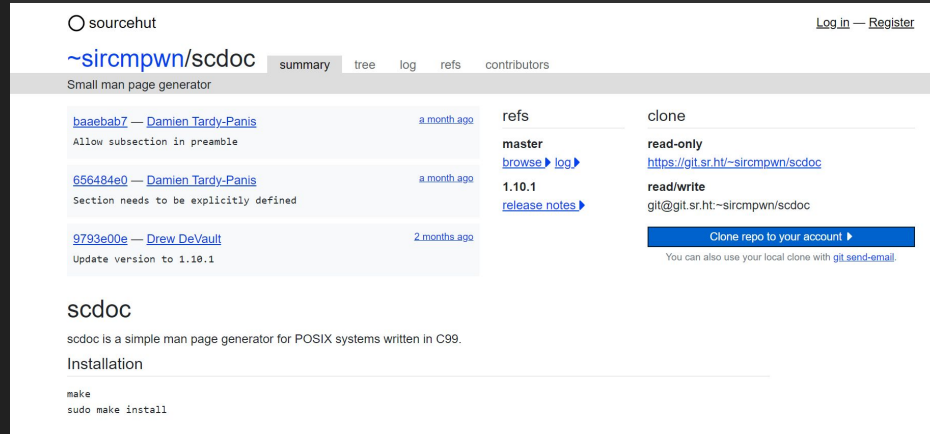
L' Open Source

Un github low-tech ?

# sourcehut

<https://sourcehut.org/>

Almost no JS



The screenshot shows the sourcehut interface for the repository `~sircmpwn/scdoc`. At the top, there's a navigation bar with "sourcehut" on the left and "Log In" and "Register" on the right. Below the repository name, there are tabs for "summary", "tree", "log", "refs", and "contributors". The main content area is divided into several sections:

- Summary:** A list of recent commits with their hashes, authors, and dates. For example, `b9e6bab7` by `Damien Tardy-Panis` "a month ago" with the message "Allow subsection in preamble".
- refs:** A section showing the current branch `master` and the version `1.10.1`. It includes links for "browse", "log", and "release notes".
- clone:** A section with "read-only" and "read/write" options, providing URLs for cloning the repository. A blue button says "Clone repo to your account" with a sub-note: "You can also use your local clone with `git send-email`".
- scdoc:** A section describing the tool: "scdoc is a simple man page generator for POSIX systems written in C99."
- Installation:** A section showing the installation instructions: `make` and `sudo make install`.

Git repository

# sourcehut

<https://sourcehut.org/>

Almost no JS

sourcehut Log in — Register

## #97412 ✓ success ▼ setup

sway(5): move workspace\_layout to config only

[344c259](#) — [<Rouven Czerwinski>](#)

**Owner**  
[-sircmpwn](#)

**Created**  
6 months ago

**Updated**  
6 months ago

**Build manifest**  
[view manifest »](#)

**Tasks**

|   |                            |
|---|----------------------------|
| <span style="color: green;">✓</span> scdoc  | <a href="#">view log »</a> |
| <span style="color: green;">✓</span> wroots | <a href="#">view log »</a> |
| <span style="color: green;">✓</span> setup  | <a href="#">view log »</a> |

```
1  [97412] 2019/10/16 11:21:49 Booting image alpine/edge (default) on port 22504
2  [97412] 2019/10/16 11:21:54 Waiting for guest to settle
3  [97412] 2019/10/16 11:22:01 Sending tasks
4  [97412] 2019/10/16 11:22:02 Sending build environment
5  [97412] 2019/10/16 11:22:02 Installing packages
6  Warning: Permanently added '[localhost]:22504' (ECDSA) to the list of known hosts.
7  fetch http://repo-cache.local/alpine/edge/main/x86_64/APKINDEX.tar.gz
8  fetch http://repo-cache.local/alpine/edge/community/x86_64/APKINDEX.tar.gz
9  fetch http://repo-cache.local/alpine/edge/testing/x86_64/APKINDEX.tar.gz
10 v20190925-798-g7ec6baa566 [http://repo-cache.local/alpine/edge/main]
11 v20190925-816-g38e7f52179 [http://repo-cache.local/alpine/edge/community]
12 v20190925-817-gf3820b47e7 [http://repo-cache.local/alpine/edge/testing]
13 OK: 15043 distinct packages available
14 Warning: Permanently added '[localhost]:22504' (ECDSA) to the list of known hosts.
15 (1/144) Installing libpng (1.6.37-r1)
16 (2/144) Installing freetype (2.10.1-r0)
17 (3/144) Installing fontconfig (2.13.1-r2)
18 (4/144) Installing expat-dev (2.2.9-r0)
19 (5/144) Installing zlib-dev (1.2.11-r3)
20 (6/144) Installing libpng-dev (1.6.37-r1)
21 (7/144) Installing freetype-dev (2.10.1-r0)
22 (8/144) Installing libfdisk (2.34-r0)
23 (9/144) Installing libsmartcols (2.34-r0)
```

## Continuous Integration

# sourcehut

<https://sourcehut.org/>

Almost no JS

The screenshot shows a web interface for a patch review on sourcehut. At the top, there's a navigation bar with 'sourcehut' and 'emersion/mrsh-dev' (with sub-links for 'archives', 'patches', and 'new post'). A blue banner indicates that the thread contains a patchset and suggests using the patch review UI, with a 'Review patch' button. The main content area shows a patch titled '[PATCH mrsh] Store and expand positional arguments' by 'Drew DeVault', posted '1 year, 9 months ago'. Below the title is a diff summary: '6 files changed, 192 insertions(+), 50 deletions(-)'. The diff itself shows changes to files like 'builtin/set.c', 'include/builtin.h', 'include/mrsh/shell.h', 'main.c', 'shell/shell.c', and 'shell/task\_token.c'. The interface is clean and text-based, consistent with the 'Almost no JS' claim.

Code review

# sourcehut

<https://sourcehut.org/>

Almost no JS

sourcehut Log In — Register

~sircmpwn/todo.sr.ht open tickets closed tickets labels

Tickets for the todo.sr.ht ticket service.

**Do not file security-related tickets here.** Email them to [sir@cmpwn.com](mailto:sir@cmpwn.com).

[Register here](#) or [Log in](#) to submit tickets, or [submit via email](#).

| Search tickets... status:closed label:label order:updated submitter:me |   |              |                               |   |
|--|---|--------------|-------------------------------|---|
| #212   | <a href="#">Delete tracker listed twice in API docs</a>                                   | 2 days ago   | <a href="#">-samwhited</a>    | 1 |
| #214   | <a href="#">Updating ticket by status and resolution via API does not work</a>            | 3 days ago   | <a href="#">-samwhited</a>    | 1 |
| #36  | <a href="#">Implement GitHub-style checkbox lists</a>                                     | 4 days ago   | <a href="#">-sircmpwn</a>     | 1 |
| #210   | <a href="#">show trackers with notifications enabled</a>                                  | 4 days ago   | <a href="#">-rwa</a>          | 0 |
| #209   | <a href="#">No method for creating labels in API</a>                                      | a month ago  | <a href="#">-samwhited</a>    | 0 |
| #207   | <a href="#">Always display error messages "above the fold"</a>                            | 2 months ago | <a href="#">-amiryal</a>      | 0 |
| #206   | <a href="#">Editing ticket doesn't create "referenced from"</a>                           | 2 months ago | <a href="#">-genbyte</a>      | 0 |
| #203   | <a href="#">The sorting order of tickets</a>  | 3 months ago | <a href="#">-eb</a>           | 0 |
| #124   | <a href="#">Prevent double submission for comments</a>                                    | 3 months ago | <a href="#">-martijnbraam</a> | 2 |
| #202   | <a href="#">Changing links in header to target the same project</a>                       | 3 months ago | <a href="#">-eb</a>           | 0 |
| #201   | <a href="#">Markdown is generating some escaped HTML</a>                                  | 4 months ago | <a href="#">-samwhited</a>    | 2 |
| #123   | <a href="#">Distinguish comment and information columns</a>                               | 4 months ago | <a href="#">-maxleiter</a>    | 0 |
| #199   | <a href="#">Feature request: search/filter which does NOT contain a label</a>             | 4 months ago | <a href="#">-guywithknife</a> | 1 |
| #198   | <a href="#">Create &amp; configure directs to a URL without the - before the username</a> | 4 months ago | <a href="#">-jkclemens</a>    | 0 |

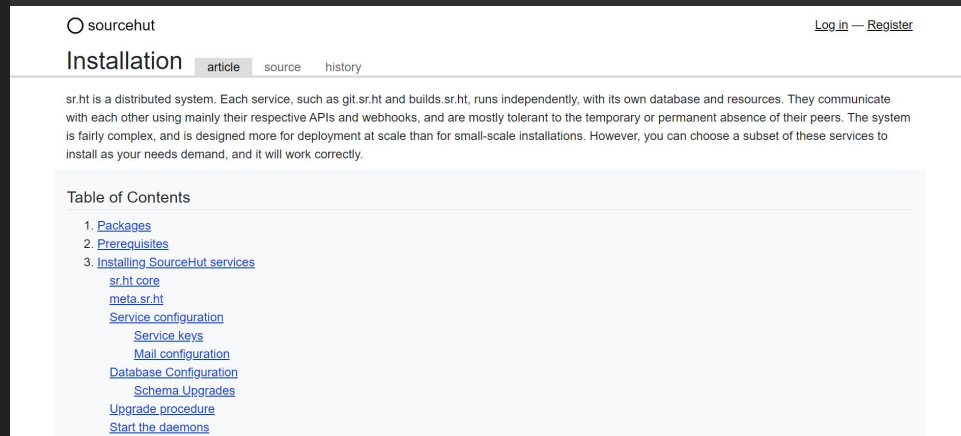
Issue tracking



# sourcehut

<https://sourcehut.org/>

Almost no JS



The screenshot shows the 'Installation' page on the sourcehut website. At the top, there is a navigation bar with the sourcehut logo, a 'Log In' link, and a 'Register' link. Below the navigation bar, the page title 'Installation' is displayed, followed by three tabs: 'article' (which is active), 'source', and 'history'. The main content area contains a paragraph explaining that sourcehut is a distributed system where services like git.sr.ht and builds.sr.ht run independently. It also includes a 'Table of Contents' section with a list of links: '1. Packages', '2. Prerequisites', and '3. Installing SourceHut services'. Under the third item, there is a sub-list of links: 'sr.ht core', 'meta.sr.ht', 'Service configuration', 'Service keys', 'Mail configuration', 'Database Configuration', 'Schema Upgrades', 'Upgrade procedure', and 'Start the daemons'.

sourcehut Log In — Register

## Installation

[article](#) [source](#) [history](#)

sr.ht is a distributed system. Each service, such as `git.sr.ht` and `builds.sr.ht`, runs independently, with its own database and resources. They communicate with each other using mainly their respective APIs and webhooks, and are mostly tolerant to the temporary or permanent absence of their peers. The system is fairly complex, and is designed more for deployment at scale than for small-scale installations. However, you can choose a subset of these services to install as your needs demand, and it will work correctly.

### Table of Contents

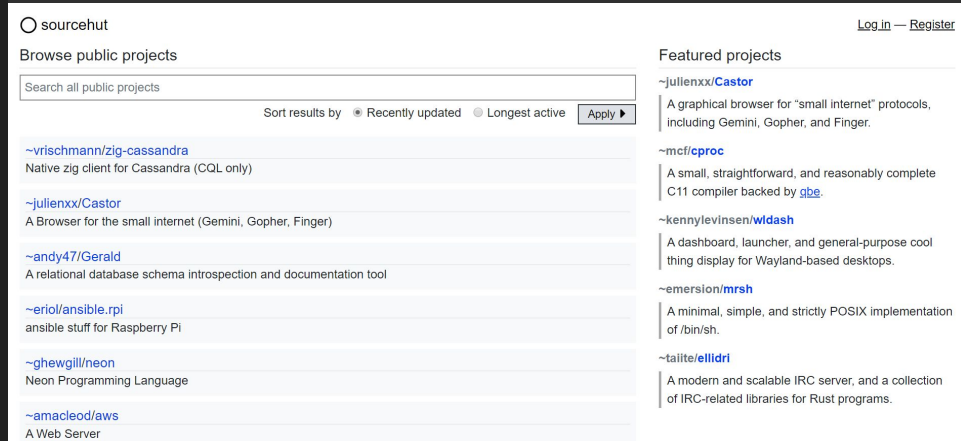
- [Packages](#)
- [Prerequisites](#)
- [Installing SourceHut services](#)
  - [sr.ht core](#)
  - [meta.sr.ht](#)
  - [Service configuration](#)
  - [Service keys](#)
  - [Mail configuration](#)
  - [Database Configuration](#)
  - [Schema Upgrades](#)
  - [Upgrade procedure](#)
  - [Start the daemons](#)

Wiki

# sourcehut

<https://sourcehut.org/>

Almost no JS



The screenshot shows the sourcehut website interface. At the top left, there is a search bar labeled "sourcehut" and "Browse public projects". Below the search bar, there are sorting options: "Sort results by" with radio buttons for "Recently updated" (selected) and "Longest active", and an "Apply" button. The main content area displays a list of projects, each with a user handle and a brief description:

- ~vrismann/zig-cassandra: Native zig client for Cassandra (CQL only)
- ~julienxx/Castor: A Browser for the small internet (Gemini, Gopher, Finger)
- ~andy47/Gerald: A relational database schema introspection and documentation tool
- ~eriol/ansible.rpi: ansible stuff for Raspberry Pi
- ~ghewgill/neon: Neon Programming Language
- ~amacleod/aws: A Web Server

On the right side, there is a "Featured projects" section with the following entries:

- ~julienxx/Castor: A graphical browser for "small internet" protocols, including Gemini, Gopher, and Finger.
- ~mcf/cproc: A small, straightforward, and reasonably complete C11 compiler backed by gbe.
- ~kennylevinsen/wldash: A dashboard, launcher, and general-purpose cool thing display for Wayland-based desktops.
- ~emersion/mrsh: A minimal, simple, and strictly POSIX implementation of /bin/sh.
- ~taitte/ellidri: A modern and scalable IRC server, and a collection of IRC-related libraries for Rust programs.

At the top right of the page, there are links for "Log in" and "Register".

Annuaire de projets

<https://sr.ht/projects>

# sourcehut

- We don't send your data to third parties<sup>3</sup>
- We have no tracking whatsoever
- Everything works without JavaScript anyway
- We don't use opt-out marketing emails
- There are no advertisements in the UI
- The hosted code is the same as the open source code
- No one can strong-arm us into taking on unethical business partners

<https://sourcehut.org/blog/2019-10-23-srht-puts-users-first/>

# Accessibility through simplicity

<https://sourcehut.org/blog/2020-05-27-accessibility-through-simplicity>

May 27, 2020 by Drew DeVault

## Achieving accessibility through simplicity

I have received many emails complimenting SourceHut's simple design and lightweight pages<sup>1</sup>, but I have received a surprising amount of positive feedback from a particular group of users: the blind community.

For many software teams, especially web developers, accessibility is an extremely burdensome task. Many companies have written checks with an uncomfortable number of zeroes on them to get the job done. Sprinkling [ARIA tags](#) all over your DOM to annotate elements with their purpose, and updating these as your DOM changes over time, is no small task, and makes your code more difficult to maintain. It's not especially surprising that many blind users are constantly frustrated when trying to use the web.

How did SourceHut make such an accessible website, even in the face of these trials? In truth, even though accessibility is important to me, I haven't worked especially hard to make SourceHut accessible — I have devoted no more than three or four hours, in total, explicitly towards accessibility. Instead, SourceHut is accessible because the core principles of simplicity upon which it is built naturally lead to an accessible design. We're here today to share our thoughts so that you might apply the same principles to your own website.

First, consider the audience you're designing for. Your users have a diverse set of abilities, and a varied approach to accessibility is necessarily required to accommodate for them. Different users will

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# Simplicity improves performance and reliability

<https://sourcehut.org/blog/2020-04-20-prioritizing-simplicity/>

April 20, 2020 by Drew DeVault

## Prioritizing simplicity improves performance and reliability

We recently put together some automated testing which evaluates the performance of various software forges without bias<sup>1</sup>: the [Software Forge Performance Index](#). The goal is to push our community of software forges to strive for higher performance, to tighten your workflow loop and to better service communities without access to high-speed internet or newer computer hardware. I also included results for accessibility testing, hoping that we can push each other to improve on that front as well.

These tests show that SourceHut has room for improvement. For one, some important features are conspicuously absent, like a git blame view. GitHub beats out our performance at rendering commits and tickets, and on several pages GitHub and Bitbucket both have better accessibility scores than the equivalent sr.ht page. But the overall results are clear: SourceHut is the best performing code forge, and by a wide margin. The data also shows that our approach delivers the best reliability: our friends at GitHub and GitLab have struggled with outages [15 of the last 90 days](#) and [18 of the last 90 days](#), respectively. SourceHut has had [two outages in 2020](#), both of which were planned and announced a week in advance, and only one of which affected more than one subsystem.

The secret is, as you may have guessed, to prioritize simplicity. It's all too easy for a development team to chase after shiny features — I know because it tempts me, too. But sooner or later the chickens come home to roost, and you have a giant single-page application downloading a megabyte

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**We have no Kubernetes here, no Docker, no CloudFormation, no monorepos. SourceHut has 10 dedicated servers and about 30 virtual machines, all of which were provisioned by hand. We prefer**

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- Technologie,  
+ Savoir faire



L'effet RGPD

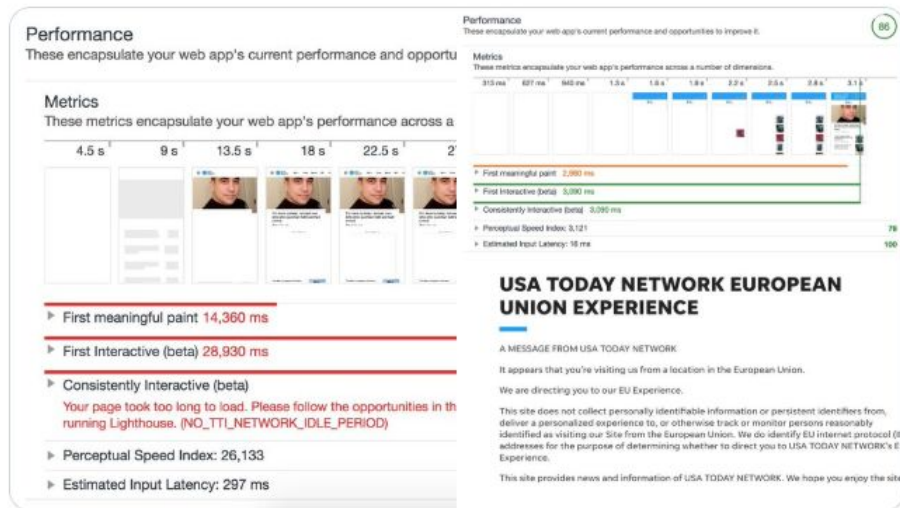


Marcel Freinbichler

@fr3ino

Because of #GDPR, USA Today decided to run a separate version of their website for EU users, which has all the tracking scripts and ads removed. The site seemed very fast, so I did a performance audit. How fast the internet could be without all the junk! 😞  
5.2MB → 500KB

[Traduire le Tweet](#)



D'autres exemples  
plus exotiques 🌴

# LibreTaxi

<https://libretaxi.org/>

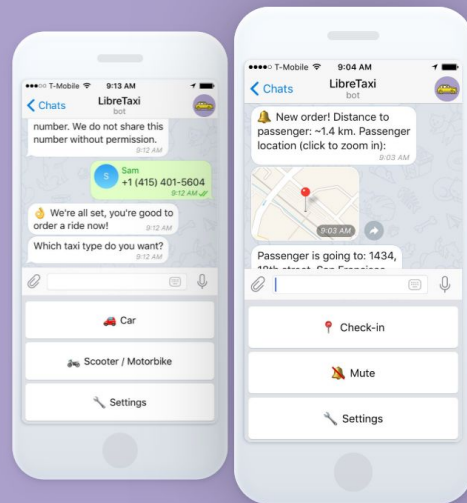
## LIBRETAXI

Free and open source alternative to Uber/Lyft connecting passengers and drivers.

LibreTaxi makes ridesharing affordable by getting rid of the third party between passengers and drivers. Negotiate the price before the ride is confirmed, pay cash upon arrival. 1-minute hiring for all drivers.

INSTALL

SOURCE



# LibreTaxi

Un village sibérien

Personne ne connaît Uber

Pas de filtres sur les  
groupes Telegram



Un chatbot !

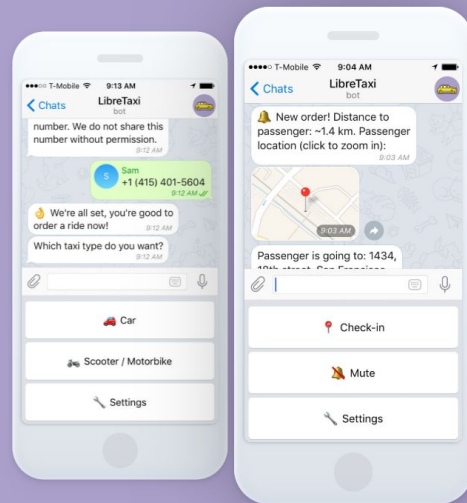
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Un chatbot !



[https://twitter.com/LibreTaxiOrg/  
status/904556328693112832/photo/1](https://twitter.com/LibreTaxiOrg/status/904556328693112832/photo/1)

Yo

<https://www.justyo.co/>

Zero characters  
communication

1er avril 2014

Yo It's that simple.



# Yo API

<http://dev.justyo.co/>

Yo quand il va pleuvoir

Yo quand ton équipe  
favorite marque un but

Yo quand ta commande à  
emporter est prête

...



# Scuttlebutt

<https://scuttlebutt.nz/>

Nouveau site en  
construction :

<https://ssb-landing.netlify.app/>

# Scuttlebutt

## social network

a decentralised platform



Get Started



# Scuttlebutt

@Antoine Cailly

@UP7zpmox0RbLL1wMZ00xtYbpwmc/  
AQtmix5zbDLh0P8=.ed25519



The image is a screenshot of a presentation slide from a conference. The slide has a dark background with white text. On the left side, there is a small video inset showing a man in a red jacket standing at a podium. The main text on the slide reads "Construire un Facebook décentralisé" in a large, bold, sans-serif font. To the right of the text is a stylized illustration of a yellow and blue striped bee inside a hexagonal frame. At the bottom of the slide, there is a logo for "BrexitCamp's CODEBUSTERS" with the subtitle "La conférence à Toulon". The logo features two small illustrations of a car with a person on top. In the bottom left corner of the slide, there is a small icon of a white ghost with a red prohibition sign over it, holding a laptop.

Construire un  
Facebook  
décentralisé

BrexitCamp's  
**CODEBUSTERS**  
La conférence à Toulon

[https://www.youtube.com/watch?  
v=ymDi-gwWvrc](https://www.youtube.com/watch?v=ymDi-gwWvrc)

# Scuttlebutt

Offline first



%hFnMpqI1w3iKdQ0XxYD/s1FU7  
t8D+fDxgyPkWssSmKk=.sha256

# Forever free

No ads.

No pay wall.

No data centers.

No cloud. No cookies.

No company. No investors.

No token. No ICO. No blockchain.

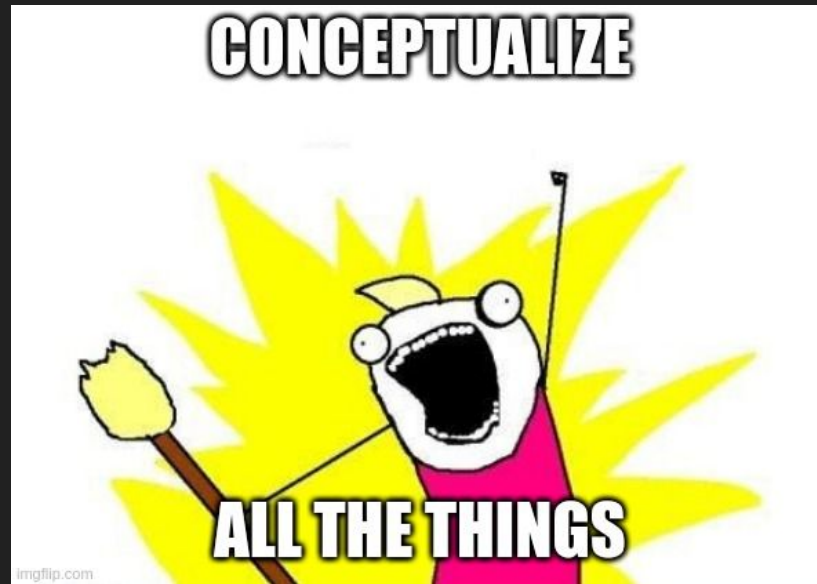
No tracking. No spying. No analytics.

No tedious registration. No premium costs.

No annoying notifications, emails, and banners.

<https://www.manyver.se/>

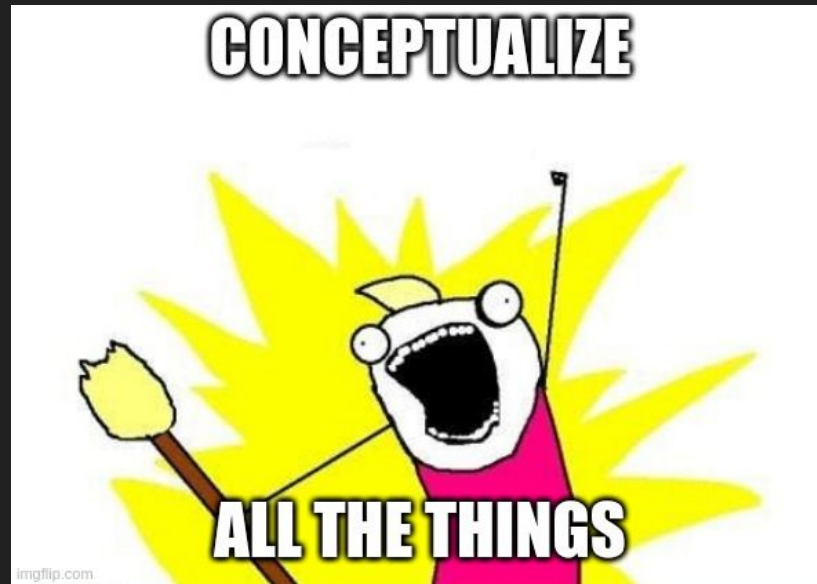
Et si on  
conceptualise tout ça



mais avant ça,

des questions ou remarques ?

Et si on  
conceptualise tout ça



# Progressive enhancement

Tous les navigateurs  
supportés (lecteurs d'  
écrans compris)

HTML sémantique

CSS et JS pour améliorer  
l'expérience utilisateur

Technology

[Give feedback about this page](#)

## Building a resilient frontend using progressive enhancement

From: [Technology community \(frontend development\)](#)

Last updated: 5 months ago

### Page contents:

- [Start with HTML](#)
- [Using interactive elements](#)
- [Adding the extras](#)
- [Building more complex services](#)
- [Testing your service](#)
- [Do not assume users turn off CSS or JavaScript](#)
- [Case studies and related guides](#)

Progressive enhancement is a way of building websites and applications. It's based on the idea that you should start by making your page work with just HTML, before adding anything else like Cascading Style Sheets (CSS) and JavaScript.

This is because HTML is the most resilient layer. If the HTML fails there's no web page. Should the CSS or JavaScript fail, the HTML will still render correctly.

Using progressive enhancement means your users will be able to do what they need to do if any part of the stack fails. Building your service using progressive enhancement will:

- make your service more resilient
- mean your service's most basic functionality will work and meet the core needs of the user
- improve accessibility by encouraging best practices like [writing semantic markup](#)
- help users with device or connectivity limitations to use your service

<https://www.gov.uk/service-manual/technology/using-progressive-enhancement>



# Designed to last

- Return to vanilla HTML/CSS
- Don't minimize that HTML
- Prefer one page over several
- End all forms of hotlinking
- Stick with the 13 web safe fonts +2
- Obsessively compress your images
- Eliminate the broken URL risk

## A Manifesto for Preserving Content on the Web

### This Page is Designed to Last

By [Jeff Huang](#) on 2019-12-19

For a professor, the end of the year is an opportunity to clean up and reset for the upcoming new semester. I found myself clearing out old bookmarks—yes, bookmarks: that formerly beloved browser feature that seems to have lost the battle to 'address bar autocomplete'. But this nostalgic act of tidying led me to despair.

Bookmark after bookmark led to dead link after dead link. Vanished are amazing pieces of writing on kuro5hin about tech culture, and a collection of mathematical puzzles and their associated discussion by academics that my father introduced me to; gone are Woodman's Reverse Engineering tutorials from my high school years, where I first tasted the feeling of dominance over software; even my most recent bookmark, a series of posts on Google+ exposing usb-c chargers' non-compliance with the specification, disappeared.

This is more than just link rot, it's the increasing complexity of keeping alive indie content on the web, leading to a reliance on platforms and time-sorted publication formats (blogs, feeds, tweets).

[https://jeffhuang.com/designed\\_to\\_last/](https://jeffhuang.com/designed_to_last/)

# Choose boring technology

- Embrace boredom
- **Optimize globally**
- Choose new technology,  
Sometimes
- Just ship

# Choose Boring Technology

@mcfunley

mcfunley.com

Wikimedia Dev Summit • January 2018

<https://mcfunley.com/choose-boring-technology>

<http://boringtechnology.club/>

# Brutalist Web Design

- Content is readable on all reasonable screens and devices.
- Only hyperlinks and buttons respond to clicks.
- Hyperlinks are underlined and buttons look like buttons.
- The back button works as expected.
- View content by scrolling.
- Decoration when needed and no unrelated content.
- Performance is a feature.

## Guidelines for **Brutalist Web Design**

Raw content true to its construction

By [David Bryant Copeland](#) Updated Jan 31, 2020

<https://brutalist-web.design/>

# Brutalist Web Design

"By default, a website that uses HTML as intended and has no custom styling will be readable on all screens and devices.

**Only the act of design can make the content less readable, though it can certainly make it more."**

Guidelines for

# Brutalist Web Design

Raw content true to its construction

By [David Bryant Copeland](#) Updated Jan 31, 2020

<https://brutalist-web.design/>

# Resilient Web Design

"Here's a three-step approach  
I take to web design:

- Identify core  
functionality.
- Make that functionality  
available using the  
simplest possible  
technology.
- Enhance!"

# Resilient web design

by Jeremy Keith

<https://resilientwebdesign.com/>

Et dans les  
outils de dev ?

# La réhabilitation du fait maison

- Technologie,
- + Savoir faire

 **TJ Holowaychuk** 🙄 @tjholowaychuk · 1 mai

I dunno, this is how I learned pretty much everything I know

 **Laurie Voss** @seldo · 1 mai

I cannot emphasize enough that "I should write my own framework!" is the wrong call 99.9% of the time.

[Afficher cette discussion](#)

🗨️ 40    ↻ 61    ❤️ 795    ↗

<https://twitter.com/tjholowaychuk/status/1256180687088111616?s=20>



# Writing HTML in HTML

Published on 2019-06-19

I've just finished the final rewrite of my website. I'm not lying: this is the last time I'm ever going to do it. This website has gone through countless rewrites – from PHP to WordPress to Jekyll to multiple static site generators of my own – but this is the final one. I know so, because I've found the ultimate method for writing webpages: **pure HTML**.

It sounds obvious, but when you think about how many static site generators are being released every day – [the list](#) is practically endless – it's far from obvious. Drew DeVault recently [challenged](#) people to create their own blog, and he didn't even mention the fact that one could write it in pure HTML:

If you want a hosted platform, I recommend write.as. If you're technical, you could build your own blog with Jekyll or Hugo. GitHub offers free hosting for Jekyll-based blogs.

Now, there's nothing wrong with Jekyll or Hugo; it's just interesting that HTML doesn't even get a mention. And of course, I'm not criticizing Drew; I think the work he's doing is great. But, just like me and you, he is a child of his time.

That's why I'm writing this blog post – to turn the tide just a little bit.

---

## So what are the benefits of writing HTML in HTML?

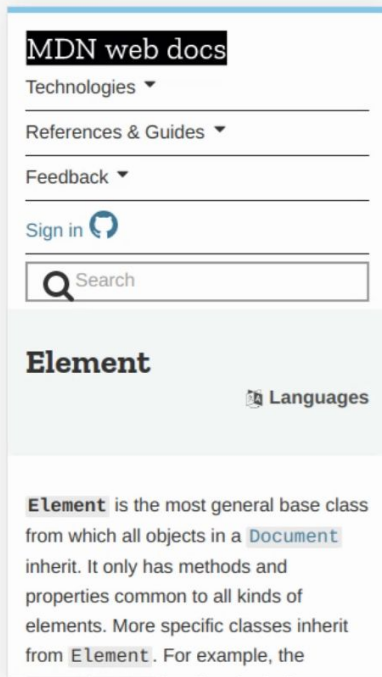
There's one less level of indirection.

This point is simple, but hugely important.

<http://john.ankarstrom.se/html/>

## Normal <a> tag

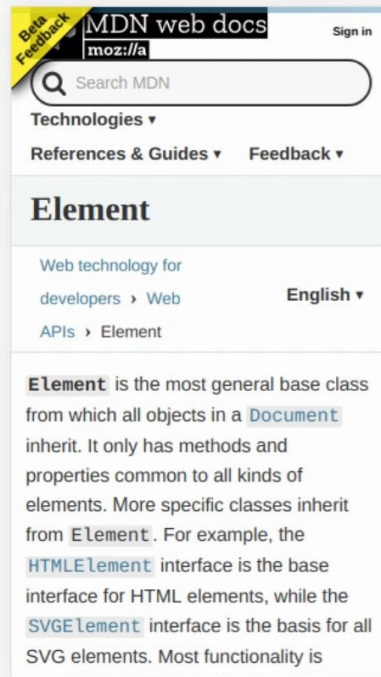
3.1 seconds



A screenshot of the MDN web docs desktop interface. The header includes the MDN logo, navigation links for Technologies, References & Guides, and Feedback, a Sign in button, and a search bar. The main content area shows the title 'Element' with a language selector set to 'Languages'. Below the title is the introductory text for the 'Element' class.

## JavaScript navigation

5.2 seconds



A screenshot of the MDN web docs mobile interface. The header includes the MDN logo, a search bar, and navigation links for Technologies, References & Guides, and Feedback. The main content area shows the title 'Element' with a language selector set to 'English'. Below the title is the introductory text for the 'Element' class.

("Low-end mobile"  
throttle preset)

<https://carter.sande.duodecima.technology/javascript-page-navigation/>

# Recutils

La BDD low-tech

# Recutils

<https://www.gnu.org/software/recutils/>



*Fred & George*



# Recutils

Données lisibles par un humain.

Données modifiables directement par un humain.

Indépendant d'un logiciel quelconque.

Facilement géré par les gestionnaires de version (Git, SVN...)

```
# -*- mode: rec -*-
```

```
%rec: Book
%mandatory: Title
%type: Location enum loaned home unknown
%doc:
+ A book in my personal collection.
```

```
Title: GNU Emacs Manual
Author: Richard M. Stallman
Publisher: FSF
Location: home
```

```
Title: The Colour of Magic
Author: Terry Pratchett
Location: loaned
```

```
Title: Mio Cid
Author: Anonymous
Location: home
```

```
Title: chapters.gnu.org administration guide
Author: Nacho Gonzalez
Author: Jose E. Marchesi
Location: unknown
```

```
Title: Yeelong User Manual
Location: home
```

```
# End of books.rec
```

Conclusion ?

mais avant ça,

des questions ou remarques ?

Conclusion ?

une histoire de choix



Conclusion ?

choisir c'est renoncer

# Forever free

---

No ads.

No pay wall.

No data centers.

No cloud. No cookies.

No company. No investors.

No token. No ICO. No blockchain.

No tracking. No spying. No analytics.

No tedious registration. No premium costs.

No annoying notifications, emails, and banners.

et vous ?

vous renoncez à

quoi ?

# Forever free

---

No ads.

No pay wall.

No data centers.

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No token. No ICO. No blockchain.

No tracking. No spying. No analytics.

No tedious registration. No premium costs.

No annoying notifications, emails, and banners.

peut-être

à ...

# Élargir l'audience et réduire la fracture numérique

Applications plus résiliente en  
environnement dégradé,  
UX plus sobre et plus compréhensible

# Améliorer l'accessibilité

Utilisation du texte  
en priorité sur les autres média

# Respecter la vie privée

Limitation des trackers et publicités  
gourmands en ressources

# Satisfaire et fidéliser des utilisateurs

UX centrée sur  
les fonctionnalités essentielles

# Assurer la pérennité des applications

Simplification fonctionnelle et technique,  
moins de ressources nécessaires



~~faire le bon choix~~







There is no silver  
bullet


choisir c'est renoncer

*Fred Brooks, 1986*



There is no silver  
bullet

choisir c'est renoncer

*N'hésitez pas, vraiment* 

Merci 

twitter: @AntoineCailly

Pause

TP



[https://github.com/acailly/tp-todolist-  
lowtechweb](https://github.com/acailly/tp-todolist-lowtechweb)



# Une todo list

- Je peux ajouter une tâche
- Je peux voir toutes les tâches ajoutées

# Une todo list

- 100% sur lighthouse (mobile 3G)
- un minimum accessible (axe)
- s'ouvre sous IE 
- fonctionne sans JavaScript
- fonctionne dans un navigateur texte
- audit sécurité des dépendances
- conforme à la RGPD 

# Une todo list

Pour aller plus loin :

- Refaites l'exercice avec votre techno préférée
- Essayez de lancer les outils de ce TP dans vos autres projets

