



Web Monetization

# Pay the Web Forward with Web Monetization

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**Peter-Paul Koch**

Smashing New York, 9 October 2024



Pay the web forward

@interledger #webmonetization

	iOS		iOS WebView		And. 4	AWK Web View	Chromium								Chromium WebView					UC 10	Black Berry 10	show page Dol phin	Opera Mini		IE 11	Edge 13	Firefox		
	8	9	8	9			LG	Cy	HTC	S34	Ub	MM	S44	Xia	Op	Go	30	33	39	45	51				11	17			
<a href="#">background-attachment: fixed</a>  The background image does not scroll; the element serves as a “win- dow” on the background image.	static		no-scroll		no	no	sta tic	no								no					no- scroll	no	sta tic	bug gy	static	bug gy	yes		
<b>Static</b> Background image is correctly positioned on page load, but does not change on scrolling.																													
<b>No-scroll</b> Works, but you can’t scroll the element.																													
<ul style="list-style-type: none"><li>The Samsung Android 4 CRASHES on my test page. No data.</li><li>Edge uses a kind-of parallax scrolling that’s off.</li></ul>																													
<a href="#">background-attachment: local</a>  The background image scrolls with the element (and not the document).	incomplete		no		no		buggy								no		buggy		no		incom plete	no		untest able	yes				
<b>Untestable</b> Browser does not support scrollable elements.																													
<b>Incomplete</b> Not supported when you also use <code>-webkit-overflow-scrolling: touch</code> .																													
<ul style="list-style-type: none"><li>The Samsung Android 4 CRASHES on my test page. No data.</li><li>The Chromia need a <code>border-radius</code> on the element. This is <u>obviously a bug</u>.</li></ul>																													
<a href="#">background-clip</a>  States whether the background cov-	yes		yes		yes								yes					yes											





1

Why?



Why should  
websites be  
free?







“If you use my articles to cut down  
your web dev time you are in a B-to-B  
relationship with me”

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- Paul Bakaus



GROWTH

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10<sup>x</sup>

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CSS { In Real Life } x Adactio: Journal- x Humane by Desig x We can have a di x +

adactio.com/journal/21098

Relaunch to update

# Our web

May 2nd, 2024

Gregory Bennett chronicles the enshittification of everything online in his piece [Heat Death of the Internet](#). It makes for grim reading.

There's a note of hope at the end. It's the same note of hope that Charles Digges amplifies in his great piece [Vive la Librari](#).

Humane by Desig x

-the-inter... ☆

Relaunch to update

NEWSLETTER

# We can have a different web

Many yearn for the “good old days” of the web. We could have those good old days back — or something even better — and if anything, it would be easier now than it ever was.

**Molly White**  
May 1, 2024 — 11 min read

MOPLY WHITE'S

We can have a different web

CSS { In Real Life } | Manife x Manifesto for a Humane W x We can have a different we x +

humanewebmanifesto.com

Relaunch to update

ManifestoReferencesFurther reading

# Manifesto for a Humane Web

CSS { In Real Life } x Pluralistic: The di x Humane by Desig x We can have a di x +

pluralistic.net/2024/05/07/treacherous-comp... ☆

Relaunch to update

Doctorow

No trackers, no ads. Black type, white background. Privacy policy: we don't collect or retain any data at all ever period.

MENU

# Pluralistic: The disenshit-tified internet starts with loyal "user agents" (07 May 2024)





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THE C 100

FEDERAL RESERVE NOTE

LC41886083A

C3



*Timothy F. Geithner*  
Secretary of the Treasury

*Kevin M. Warsh*  
Treasury of the United States

1000



FRANKLIN

JULY 4,

UNIVERSITY OF  
DEAN

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50

GRANT

JACKSON

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HAMILTON

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LINCOLN

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1

2

1





# THOU SHALT PAY

or else



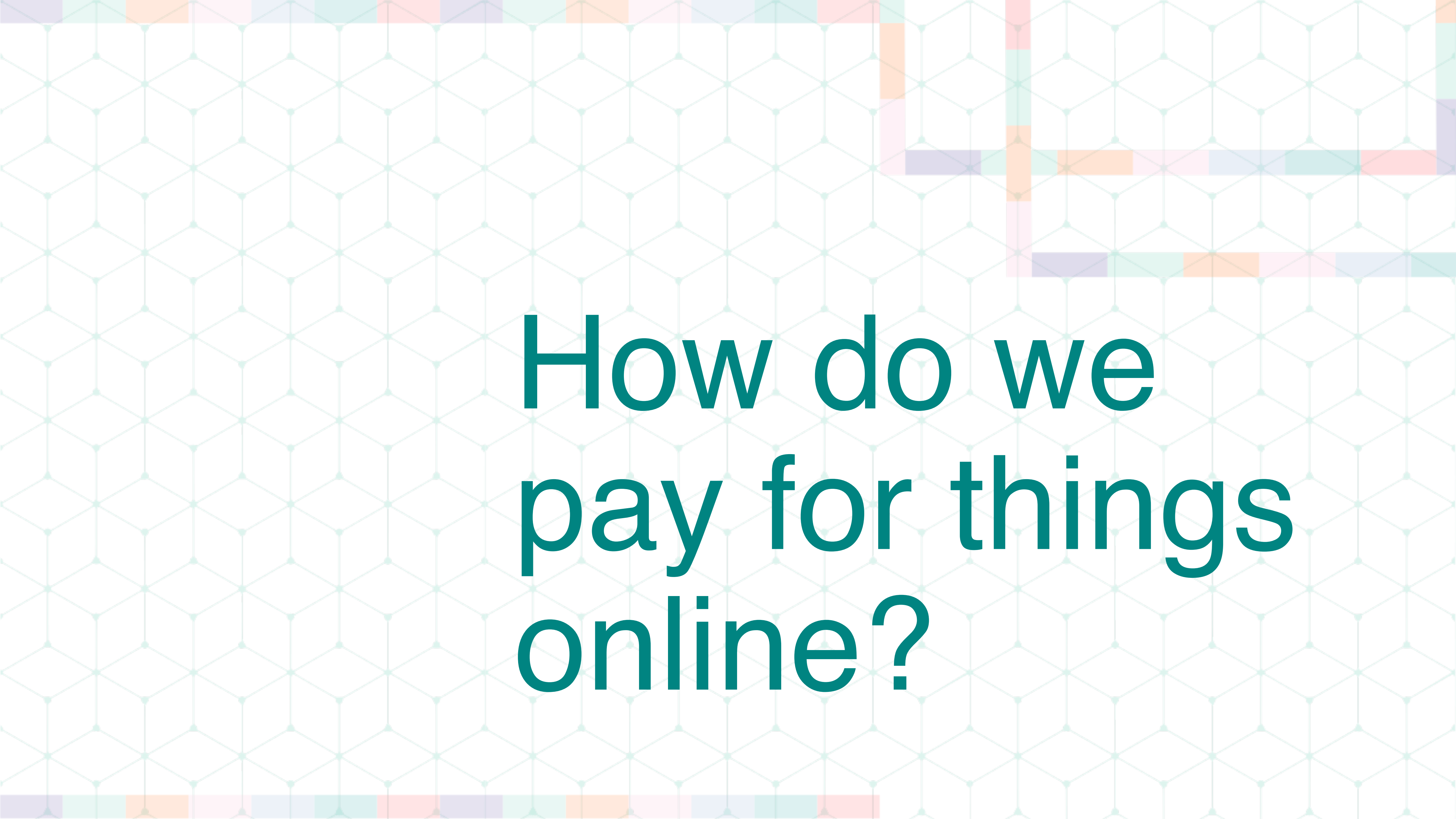




2

How?






How do we  
pay for things  
online?







A close-up photograph of a thick, hardcover book. The book is positioned diagonally, showing its spine and the edges of its pages. The spine is a light cream color and features the word "REGULATIONS" in a bold, dark, sans-serif font. Two thin, parallel gold-colored lines run vertically along the spine, one near the top and one near the bottom. The pages are numerous, thin, and have a slightly aged, yellowish-tan color. The top of the book is open, showing the curved edges of the pages. The book is resting on a dark red, textured surface, which appears to be the cover of another book. The lighting is soft and directional, coming from the upper left, which creates a subtle highlight on the left edge of the spine and casts a gentle shadow on the surface below. The overall composition is clean and professional, emphasizing the book's title and its substantial nature.

**REGULATIONS**

REGULATIONS













KNOW YOUR  
CUSTOMER











**PAY  
HERE**













# 3

# What?





What do we  
want?



**LIMOSNA  
PENITENCIAL**









# Web Monetization









# Web Monetization

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- A wallet
- An extension
- A rate

✓ Easy!  
✓ Easy!







*Open a bank  
account*



Enter

sign up now for more privileges



DOM Core

quirksmode.org/dom/core/

Finish update

In my view any method or property conc  
work on the `style` attribute, event han  
judge the method or property incomplet

Contents of this table

Method or property	Internet Explorer
	5.5678910
<b>attributes[index]</b>  An array with the attributes of a node, accessed by index number, in the order they're defined in the source code.  <a href="#">Test page</a>	<div>incorrect</div> <div><code>x.attributes[1]</code> This array consists of all defined attribut <ul style="list-style-type: none"><li>Firefox and IE try to create a list in</li><li>IE 5.5 initially gives the value of the</li></ul></div>
<b>Do not use</b> Use <code>getAttribute()</code> instead	
<b>attributes[key]</b>  An array with the attributes of a node, accessed by attribute name  <a href="#">Test page</a>	<div><div>incor rect</div><div>incomplete</div><div>almost</div><div><code>x.attributes['align']</code> Get the align attribute object of node <code>x</code>. that has no value.) <ul style="list-style-type: none"><li>IE7 and lower don't return the value</li></ul></div></div>

Web Monetization

Public key

Get a wallet address from a provider before connecting it below.  
Please find a list of available wallets [here](#).

Copy the public key below and paste it into your wallet.

eyJrdHki0iJPS1AiLCJjcYi0iJFZDI1NTE5IiwieCI6Ij...

Wallet address or payment pointer

your-wallet-address

Amount

Enter the amount to use from your wallet.

\$ 10.00

☐ Renew amount monthly

Connect

page contents

	Chrome
5	29 Win29 Mac29 Linux
ac	yes

yes

yes

returns an attribute object



```
<link
  rel="monetization"
  href="https://wallet.example/ppk"
>
```







A few Chromium engineers support the project, and we are building the Web Monetization Agent into Chrome together, behind a flag.



# What is a Web Monetization Agent?

1. Finds `<link>`
2. Orders payments
3. Fires monetization events



```
link.addEventListener(  
    'monetization',  
    function(e) {  
  
    }  
  
);
```



```
link.addEventListener(  
    'monetization',  
    function(e) {  
        // e.amountSent.value  
        // e.amountSent.currency  
    }  
);
```



```
link.addEventListener(  
    'monetization',  
    function(e) {  
        if (e.amountSent.value > 0) {  
            // remove ads  
        }  
    }  
);
```













# Streaming vs post-paid

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## Streaming

- Only online
- ✓ → No need to retain payment data
- ✓ → Site owner is paid immediately
- Many requests

## Post-paid

- ✓ → Offline and online
- Payment data retained
- Site owner promised to be paid “later”
- ✓ → Few requests

**Which model is best? We don't know. So we're letting you pick one.**





# Web Monetization





Coming to a browser  
near you





# Questions?

[webmonetization.org/](http://webmonetization.org/)





# Web Monetization