

uMatrix für Webrowserschutz

der.hans - <https://www.LuftHans.com/talks/>

2018Jun09 @ Tübix

uMatrix webextension

webextension Sicherheits und Privatsspäre Add on

für Firefox, Chrome und andere

von Raymond Hill, entwickler von uBlock Origin

einfache Benutzeröberfläche um Websiteobjekten zu erlauben oder night

regelt Keks, JavaScript, CSS, Bilder und Video

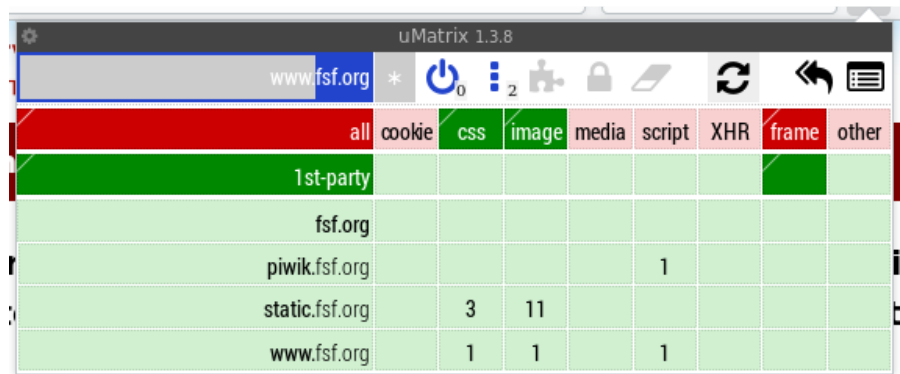
Wie wir soweit gekommen seid

Firefox Quantum

NoScript war Quantum nicht bereit

uMatrix == NoScript++

1000 Wörter



uMatrix 1.3.8

www.fsf.org

	all	cookie	css	image	media	script	XHR	frame	other
1st-party									
fsf.org									
piwik.fsf.org						1			
static.fsf.org			3	11					
www.fsf.org			1	1		1			

Sitedomän

uMatrix 1.3.8

www.fsf.org

all

cookie

css

image

media

script

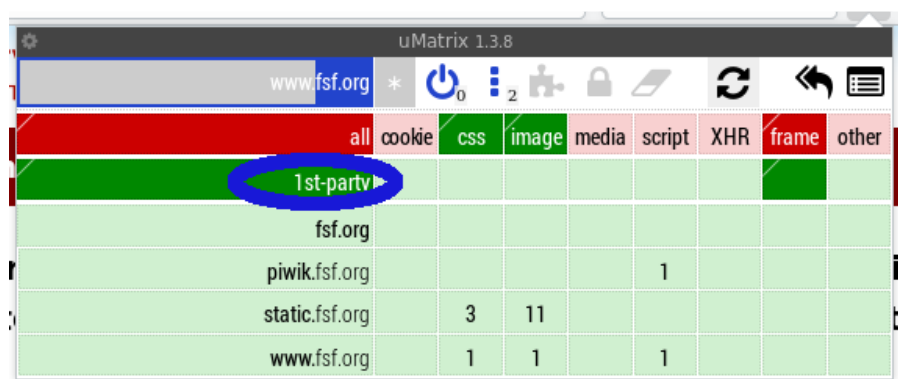
XHR

frame

other

1st-party								
fsf.org								
piwik.fsf.org					1			
static.fsf.org		3	11					
www.fsf.org		1	1		1			

1st-party



The screenshot shows the uMatrix 1.3.8 interface. The address bar displays 'www.fsf.org'. Below the address bar, there is a row of tabs: 'all', 'cookie', 'css', 'image', 'media', 'script', 'XHR', 'frame', and 'other'. The '1st-party' tab is highlighted in green and circled with a blue oval. Below the tabs, there is a table showing the status of various resources. The table has columns for the resource name and the status of each tab. The resources listed are 'fsf.org', 'piwik.fsf.org', 'static.fsf.org', and 'www.fsf.org'.

	all	cookie	css	image	media	script	XHR	frame	other
1st-party									
fsf.org									
piwik.fsf.org						1			
static.fsf.org			3	11					
www.fsf.org			1	1		1			

Domän Erlaubniße



The screenshot shows the uMatrix 1.3.8 interface. The address bar displays 'www.fsf.org'. Below it, a table lists permissions for various domains. The 'fsf.org' entry is circled in blue. The table has columns for 'all', 'cookie', 'css', 'image', 'media', 'script', 'XHR', 'frame', and 'other'. The '1st-party' row is highlighted in green, and the 'frame' column is highlighted in red.

	all	cookie	css	image	media	script	XHR	frame	other
1st-party									
fsf.org									
piwik.fsf.org						1			
static.fsf.org			3	11					
www.fsf.org			1	1		1			

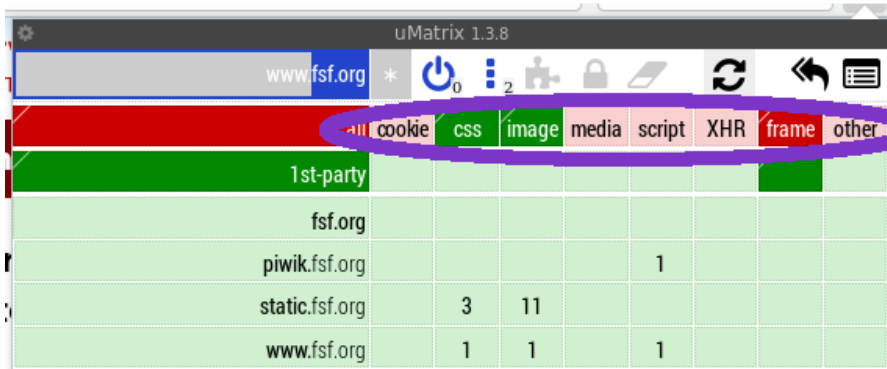
getting iconic

uMatrix 1.3.8

www.fsf.org

	all	cookie	css	image	media	script	XHR	frame	other
1st-party									
fsf.org									
piwik.fsf.org						1			
static.fsf.org		3	11						
www.fsf.org		1	1			1			

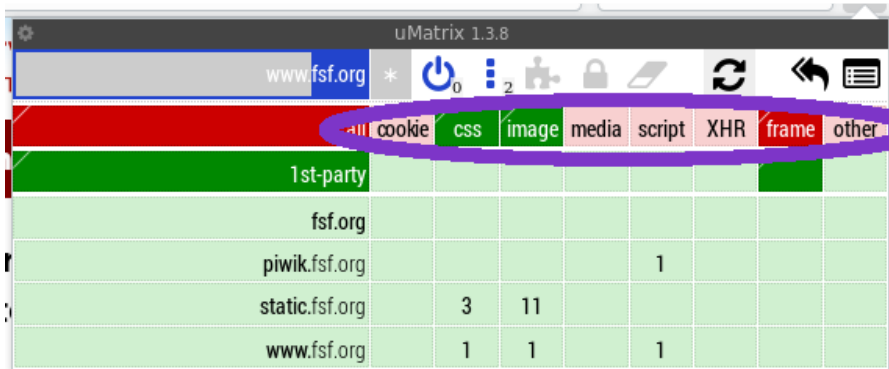
Keks, CSS, Bilder, Media



	all	cookie	css	image	media	script	XHR	frame	other
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fsf.org									
piwik.fsf.org						1			
static.fsf.org		3	11						
www.fsf.org		1	1			1			

- Keks: kleine Akten auf Ihre eigen Rechner um Dir zu verfolgen
- CSS: Seiteformatierung
- Bilder: Bilder
- Media: Video und Klang

script, XHR, frame, other



uMatrix 1.3.8

www.fsf.org

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static.fsf.org			3	11					
www.fsf.org			1	1		1			

- script: JavaScript
- XHR: JavaScript callbacks
- frame: iFrames
- other: andere Sachen :)

getting risky

LIVE DEMO

Blocklists

- Blocklists
 - blockiert gekannte Malware, Werbung and Verfolgungsservern
- Grundeinstellungen
 - Blockiere Alles
 - Dann CSS und Bilder Erlauben
 - 1st-party alles erlauben

uMatrix Ersetzt (vielleicht)

NoScript

uBlock Origin

Adblock Plus

Super Group



Contacting Hans

Danke Schön!

- <https://mastodon.social/@lufthans>
 - Mastodon
- <https://plus.google.com/106398898073454924098>
 - G+
- LuftHans on Freenode, usually in #LOPSA and #PLUGaz
 - IRC

Resources

uMatrix Firefox Add-ons page - <https://addons.mozilla.org/en-US/firefox/addon/umatrix/?src=search>

uMatrix wiki - <https://github.com/gorhill/uMatrix/wiki>

uMatrix repo - <https://github.com/gorhill/uMatrix>

village-platipi.png - @2018 Brian Cluff, used with permission