

## Optimized desktop new with Tor browser

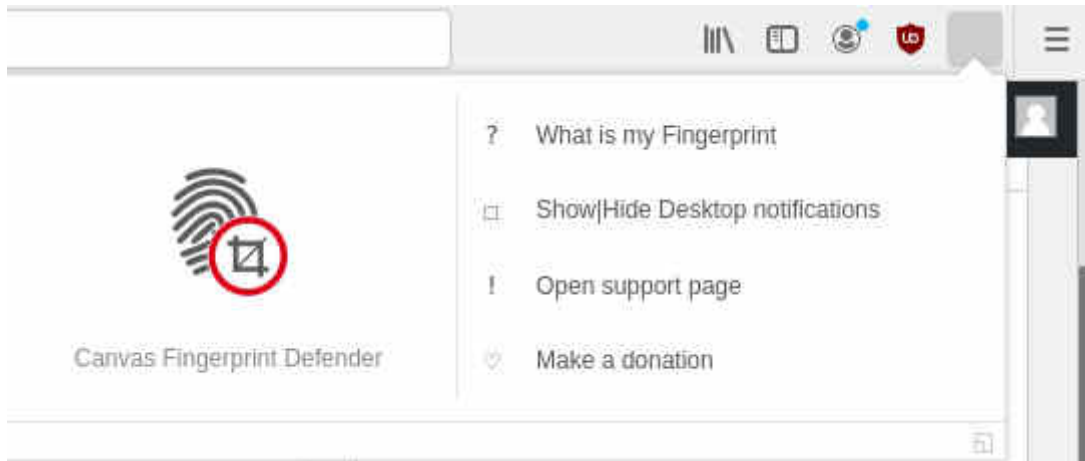
**Egg, 22 November 2021:** *AVMultimedia and the ArchivistaBox offer even more protection on the Internet in the new version 2021/XI. Quite fundamentally, the concept of keeping the entire distribution in memory means a high degree of security, because restarting each time means that the entire browser cache is cleared. Nevertheless, calling up websites on the web leaves traces. Not only via cookies, but also via many other parameters, which can be transferred to the web servers of the providers via Javascript. With the integration of appropriate extensions in Firefox and the possibility to directly use the Tor browser in German or English, version 2021/XI offers a high level of privacy on the Internet.*



## Firefox new with fingerprint extension

By means of Javascript, web pages can retrieve many parameters via the browser environment. What is helpful for an optimal view of the data, unfortunately means on the other hand that this information can be stored at the servers. This is referred to as a kind of fingerprint of the browser. Because if enough parameters of a browser are retrieved, something like a unique digital fingerprint is created. This allows server operators to “monitor” us even if we have long since deleted the cookies.

The fingerprint extension in Firefox generates a new digital fingerprint every time a page is called up. This makes it factually impossible for servers to monitor us based on a unique “footprint”. The new fingerprint addon is located at the top right of Firefox.



If you want to track whether the fingerprint is retrieved, you can check 'Show/Hide-Desktop notifications'.

## Set IP address in Firefox

The following **Firefox extension Hide-IP** is disabled when shipped. This is for the simple reason that it is not ultimately clear whether hiding the IP address or referring to another country is legal in all respects, especially in all states. It is true that it has now been accepted in many states that geo-blocking is at least not illegal. Nevertheless, content providers can specify in the T&Cs where and how the content may be used. In this sense, everyone must decide for themselves when, where and how the Firefox extension Hide-IP should be used.



To swap your own IP address with another address, you can click on the icon in the upper right corner. After that, an IP address (only valid within Firefox) can be selected from the list and activated. The setting is reset each time the browser is restarted.

## Change Mac address on the console

When surfing the web, certain hardware information still remains, especially the Internet address (IP) and the Mac address. The former can be changed at any time via the network tool (Start menu in the desktop). The latter can also be changed with little effort at AVMultimedia or ArchivistaBox. A terminal can be called for this purpose. Then change to the root user with 'su' and enter the password (for AVMultimedia this is 'archivista' by default) and then first call up the current Mac address with the following command:

```
ifconfig eth0
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
ether 70:a1:a1:a1:a1:a1 txqueuelen 1000 (Ethernet)
RX packets 5389577 bytes 2836127286 (2.6 GiB)
RX errors 0 dropped 0 overruns 0 frame 0
```

```
TX packets 8148543 bytes 11008206621 (10.2 GiB)
TX errors 0 dropped 0
```

The following command can be used to change the Mac address:

```
ifconfig eth0 hw ether 70:a2:a2:a2:a2:a2
```

Then query the Mac address again to check:

```
ifconfig eth0
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
ether 70:a2:a2:a2:a2:a2 txqueuelen 1000 (Ethernet)
RX packets 5389577 bytes 2836127286 (2.6 GiB)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 8148543 bytes 11008206621 (10.2 GiB)
TX errors 0 dropped 0
```

This changes the Mac address on the fly. Of course, this could be stored in the script under `/home/data/archivista/cust/desktop/desktop.sh` in such a way that a desired Mac address is already set during start-up.

**Note:** In the case of ArchivistaBox, this command should only be used with a great deal of caution, as otherwise the ArchivistaBox services will no longer work correctly.

## Further innovations in version 2021/XI

A further treat is provided by the **Firefox AddOn 'RightClick Enabled'**. This can be found to the left of the bookmarks. Usually the icon appears with a red border:



If you click on it, the red border disappears:



Clicking on the icon disables any context-based menu of the active page. Instead, the standard menu matching the object appears. This makes it possible, for example, to directly access a single subpage (Current Frame) in a page that consists of several frames (subpages).

Also new on board is an updated version of **MediathekView (13.8.0)**:

MediathekView 13.8.0

Filter 1 | Q spielfilm

Nr	Sender	Thema	Titel	Datum	Zeit	Dauer	Größe [MB]	HQ	UT
542243	ARD	buten un binnen Regionalma...	"Die Affäre Borgward" als Spielfilm	07.01.2019	19:30:00	00:03:00	38	✓	✓
594734	ARD	Kulturjournal	"Große Freiheit": Spielfilm über Gefängnis ...	15.11.2021	23:05:00	00:05:34	41	✓	✓
786708	NDR	Kulturjournal	"Große Freiheit": Spielfilm über Gefängnis ...	15.11.2021	23:05:00	00:05:34	41	✓	✓
506590	sat	Spielfilm	"Julka und Julie" - Julka und Julie Nach "D...	07.11.2020	22:39:00	00:28:54	496	✓	✓
506432	sat	Spielfilm	"Liebe, Pflicht und Hoffnung" KlassiXS - di...	07.11.2020	23:09:00	00:27:30	468	✓	✓
841211	SRF	Scheinwerfer	«Lulu» und «Medea» (2 Einspielfilme)	30.03.1977	22:20:00	00:04:32			
649425	ARD	Spielfilm	24 Milchkühe und kein Mann	08.12.2020	14:30:00	01:28:11	1037	✓	✓
506536	sat	Spielfilm	2 Sturköpfe im Dreivierteltakt - Spielfilm, D...	10.11.2019	21:52:00	01:29:13	1265	✓	✓
506518	sat	Spielfilm	2 Sturköpfe im Dreivierteltakt - Spielfilm, D...	10.11.2019	21:52:00	01:29:13	1265	✓	✓
767567		Wolf	48. Der Wolf, der einen Spielfilm drehen w...	29.10.2021	11:15:00	00:06:59	104	✓	✓
649489	ARD	Spielfilme für Familien	Ab ans Meer!	14.08.2021	13:35:00	01:28:54	817	✓	✓
506503		Spielfilm	A Bigger Splash - Spielfilm, Italien 2015	17.06.2021	23:25:00	01:59:25	1643	✓	✓
965726		Spielfilm-Highlights	A Bigger Splash - Spielfilm, Italien 2015	17.06.2021	23:25:00	01:59:25	1643	✓	✓
506591		Spielfilm	Ada Kaleh - Kurzfilm, Deutschland 2018	17.05.2020	00:20:00	00:14:13	241	✓	✓
506502		Spielfilm	Adam und Evelyn - Spielfilm, Deutschland ...	26.09.2020	23:15:00	01:33:29	1555	✓	✓
895317		Filme	Adam und Evelyn - Spielfilm, Deutschland ...	26.09.2020	23:15:00	01:33:29	1555	✓	✓
506390		Spielfilm	A Gang Story - Eine Frage der Ehre - Spielfi...	23.01.2020	22:27:00	01:38:06	1662	✓	✓
965717		Spielfilm-Highlights	A Gang Story - Eine Frage der Ehre - Spielfi...	05.04.2017	02:10:00	01:38:06	1662	✓	✓
649424	ARD	Spielfilm	Alle Kinder brauchen Liebe	25.12.2020	15:00:00	01:26:06	763	✓	✓

Beschreibung x

**ARD - "Die Affäre Borgward" als Spielfilm**

Das spektakuläre Ende der Traditionsfirma Borgward ist auch ein spannender Filmstoff - als Doku-Drama läuft es in der ARD. Und auch der Borgward-Club Bremen hatte seinen Anteil daran. Er hat nämlich die Fahrzeuge zur Verfügung gestellt.

[Link zur Webseite](#)

1. 599 Filme (Insgesamt: 495583) 1 Download: 0 laufen, 0 warten | Filmliste erstellt: 22.11.2021, 22:23 Uhr | Alter: 28m

And of course an update to **JDownloader2** should not be missing:

JDownloader2 - Updates verfügbar

Download | Linksammler | Einstellungen | MyJDownloader | Spenden

Name	Größe	Host...	Verfü...
Heißmann und Rassau 07 02 2016 Komödie aus Franken Ein Floh im Ohr	317.89 MIB	youtube.com	4/4 online
Der keusche Lebbemann Heißmann und Rassau	459.94 MIB	youtube.com	4/4 online
Heißmann und Rassau der Meisterboxer Quelle BR	1.98 MIB	youtube.com	4/4 online
Heißmann und Rassau Der wahre Jakob Quelle BR	2.04 MIB	youtube.com	4/4 online
Heißmann und Rassau jetzt nicht Lottling	1.47 MIB	youtube.com	3/3 online
Heißmann und Rassau 24 04 2016 Außer Kontrolle	688.86 MIB	youtube.com	4/4 online
Heißmann und Rassau Die Lachtechnik Quelle BR re upload Tonsync probleme behoben	1.25 MIB	youtube.com	4/4 online
Komödie aus Franken Die spanische Fliege Heißmann + Rassau	2.60 MIB	youtube.com	4/4 online

Paketname: Heißmann und Rassau 07 02 2016 Komödie aus Franken Ein Floh im Ohr

Speichern unter: /home/archivista/data

Kommentar: Kommentar eingeben oder frei lassen...

Archivpasswort: Gib das Archivpasswort ein

Überblick

Pakete: 1 Gesamt: 317.89 MIB Hosts: 1 Unbekannter Status: 0

Link(s): 4 Online: 4 Offline: 0

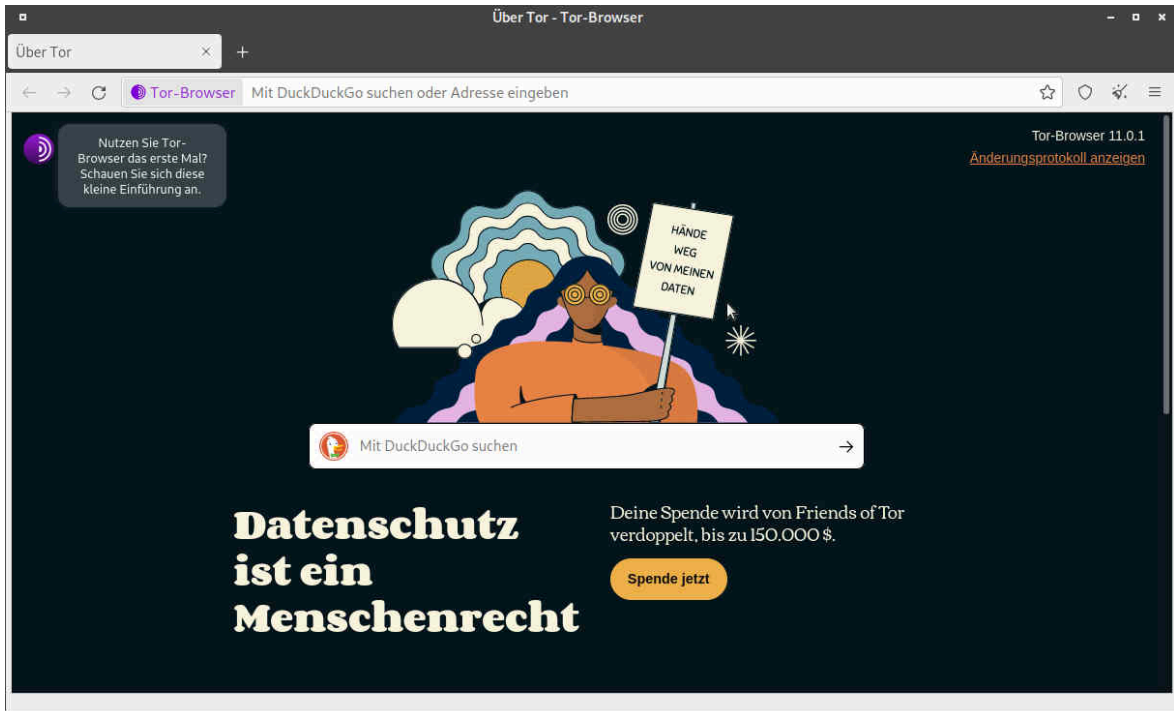
Neue Links hinzufügen | Ein Premiumaccount hinzufügen

JDownloader2 can be used to scan many websites for their content, e.g. to save videos contained therein to the local disk.

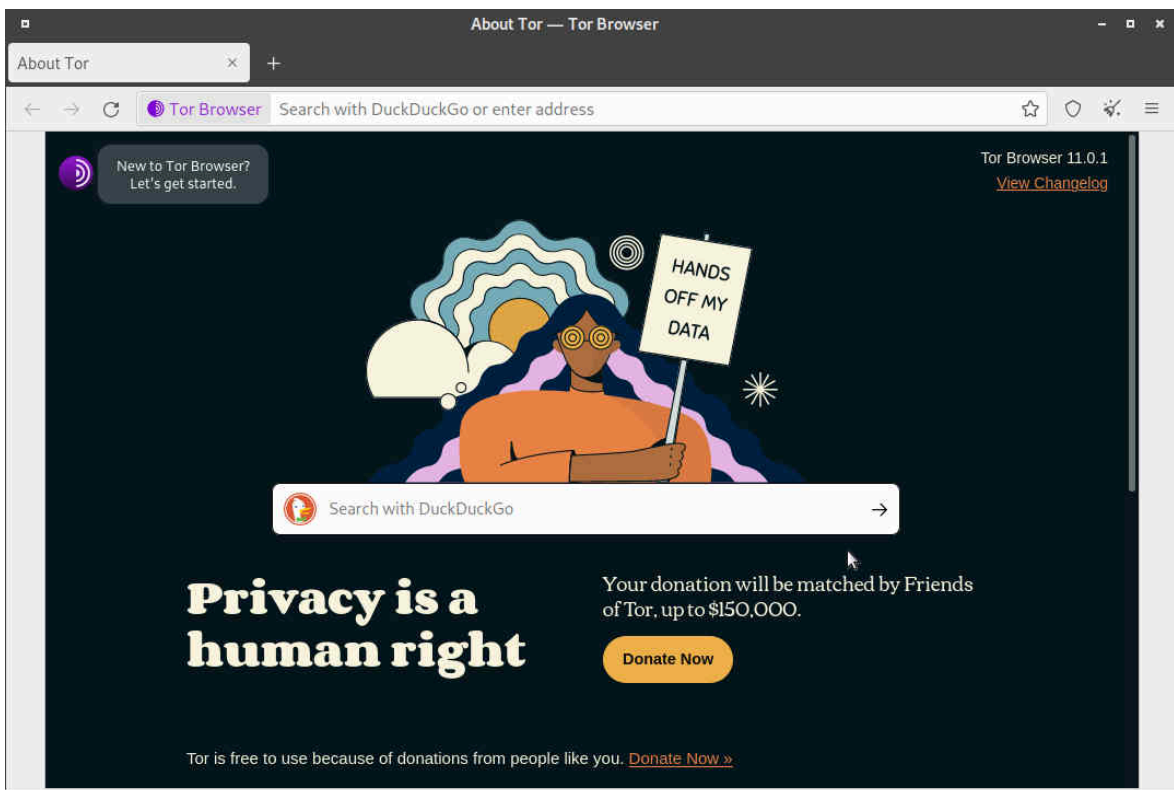
## Surfing (almost) anonymously with the Tor browser

The Tor project was created to ensure that queried pages cannot be assigned a unique IP address. This works by redirecting the respective query via so-called Tor nodes. A

query on the web is thus randomly routed through an existing Tor computer, which sends the results back to our source computer. The server does not know who sent the query, it only sees the address of the randomly selected Tor computer.



Besides the German version, the English version is also available:



The Tor browser is based on a current version of Firefox. In an internal test, the tested

websites ran without problems. Only the access is (slightly) slower, because all data has to be redirected via a Tor node. In this sense, enjoy!

**Note:** *Due to their size, the Tor browser, MediathekView and JDownloader2 are not included in the standard scope of supply on either the ArchivistaBox or the AVMultimini variant, but only on the AVMultimedia ISO file (size approx. 3 GB). However, the applications can be retrofitted with the 'opt.os' file on any ArchivistaBox or also on AVMultimini, provided that the 2021/XI release is available. To do this, the 'opt.os' file must be **downloaded manually according to the FAQs** and saved in the /home/data directory.*