Haketilo - Feature #32

Process HTML files in data: URLs instead of just blocking them

07/01/2021 01:02 PM - koszko

Status:	Rejected		**Start date:**	07/01/2021
Priority:	Normal		**Due date:**	
Assignee:			**% Done:**	0%
Category:			**Estimated time:**	0.00 hour
Target version:				

Description

Content scripts are said not to get loaded to pages opened from data: URLs. We're currently blocking data: page links entirely. We could, however, make it better and parse each data: URL as HTML, sanitize the resulting document and encode it back into a data: URL.

History

#1 - 09/10/2021 05:34 PM - koszko

It might be possible to utilize this API:

https://developer.mozilla.org/en-US/docs/Web/API/Navigator/registerProtocolHandler

#2 - 09/11/2021 04:56 AM - jahoti

> It might be possible to utilize this API:
>
> https://developer.mozilla.org/en-US/docs/Web/API/Navigator/registerProtocolHandler

Unfortunately not, according to https://developer.mozilla.org/en-US/docs/Web/API/Navigator/registerProtocolHandler#permitted_schemes the API can't be used to register a handler for data:, nor can the more powerful manifest key protocol_handlers.

#3 - 09/11/2021 11:40 AM - koszko

:/
Btw, I've been unaware of that manifest key. It would be cool to utilize it for something else at some point :) Although I haven't found any evidence of it being supported in Chromium :/

#4 - 09/11/2021 12:02 PM - jahoti

> Btw, I've been unaware of that manifest key. It would be cool to utilize it for something else at some point :) Although I haven't found any evidence of it being supported in Chromium :/

It would indeed seem it isn't; nevertheless, working around that using navigation.registerProtocolHandler and some request redirection might be possible. The biggest problem is probably deciding exactly what to do :).

#5 - 10/13/2022 12:20 PM - koszko

- Status changed from New to Rejected