

HTTPS Everywhere



The plugin currently works for:

- Google Search
- Wikipedia
- Twitter
- Facebook
- bit.ly
- GMX
- Wordpress.com blogs
- The New York Times
- Paypal
- EFF
- Tor
- Ixquick
- *and many other sites!*

Quick link: you can install the latest version of HTTPS Everywhere by [clicking here](#).

HTTPS Everywhere is a Firefox extension produced as a collaboration between [The Tor Project](#) and the [Electronic Frontier Foundation](#). It encrypts your communications with a number of major websites.

Many sites on the web offer some limited support for encryption over [HTTPS](#), but make it difficult to use. For instance, they may default to unencrypted HTTP, or fill encrypted pages with links that go back to the unencrypted site.

The HTTPS Everywhere extension fixes these problems by rewriting all requests to these sites to HTTPS. Firefox users can get it by clicking [here](#):



Sadly, many sites still include a lot of content from third party domains that is not available over HTTPS. As always, if the browser's lock icon [is broken or carries an exclamation mark](#), you may remain vulnerable to some adversaries that use active attacks or traffic analysis. However, the effort that would be required to eavesdrop on your browsing should still be usefully increased.

Answers to common questions may be on the [frequently asked questions](#) page.

HTTPS Everywhere can protect you only when you're using sites that support HTTPS and for which HTTPS Everywhere includes rules. If sites you use don't support HTTPS, ask the site operators to add it; only the site operator is able to enable HTTPS. There is more information and instruction on how server operators can do that in the EFF article [How to Deploy HTTPS Correctly](#).

Development And Writing your own Rulesets

You can help us test forthcoming site support and new features by installing the [development branch](#) of the extension.

HTTPS Everywhere uses small ruleset files to define which domains are redirected to https, and how. If you'd like to write your own ruleset, you can find out how to do that [here](#).

Information about how to access the project's Git repository and get involved in development is [here](#).

Send feedback on this project to the [https-everywhere AT eff.org](mailto:https-everywhere@eff.org) mailing list. Note that this is a public and publicly-archived mailing list. You can also [subscribe](#).

Send new rewrite rules or fixes to existing rewrite rules to the [https-everywhere-rules AT eff.org](mailto:https-everywhere-rules@eff.org) mailing list. Note that this is a public and publicly-archived mailing list. You can also [subscribe](#).

Related Projects

Our code is partially based on the [STS](#) implementation from the groundbreaking [NoScript](#) project (there are [other](#) STS [implementations](#) out there, too).

HTTPS Everywhere aims to have a simpler user experience than NoScript, and to support complex rewriting rules that allow services like Google Search and Wikipedia to be redirected to HTTPS without breaking anything. It also handles situations like <https://> pages that redirect back to <http://> in a reasonable manner.

In an ideal world, every web request could be defaulted to HTTPS. Unfortunately, there's no way to know that what you get from requesting <https://www.domain.com/page> is the same as what you get from requesting <http://www.domain.com/page>. So the only way to switch every page to https is to fetch the page insecurely first. There is a Chrome extension called [KB SSL Enforcer](#) which attempts to take that approach, but it does not appear to be implemented securely; when we tested it, it seemed to always use http before https, which means that your surfing habits and authentication cookies are not protected (this may be a limitation of the Chrome Extensions framework).

License

HTTPS Everywhere is licensed under the GNU General Public License, version 2 or later. To get the source code, see the [development page](#).

Attachment	Size
https-everywhere-0.9.6.xpi	56.91 KB
https-everywhere-0.9.9.development.5.xpi	271.8 KB
https-everywhere-0.9.9.development.6.xpi	329.63 KB
Changelog.txt	7.32 KB
https-everywhere-0.9.7.xpi	57.8 KB