

bunsanweb

"Imagine the world you can write networking scripts for yourself that can use only with opening them on your own browser, without any pre-registration, and without server preparations."

bunsanweb is a collection of technologies created to realize the concept of a "Web of Programs".

- An architecture of "endpoint-scripting" which mixes client-side and server-side JavaScript features. It makes web processing programs directly hyperlink-able without preparing specialized intermediaries for each program.
- In order to realize a decentralized network of endpoint-scripting, a single universal stream of events and a model of endpoint-relative URI space were designed as alternatives to specific channels and accounts on Web Services.

Site

- <https://bunsanweb.github.io/>

Main repository

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bunsanweb: topics

Decentralizing the Web

- [Our view of the Web](#)
- [Web of something](#)
- [Views toward decentralization](#)
- [Our view of decentralizing the Web](#)

About "bunsanweb"

- [What "bunsanweb" tackles](#)
- [What we've made](#)
- [bunsanweb: endpoint-scripting](#)
- [bunsanweb: universal event stream](#)
- [bunsanweb: endpoint-relative hyperlinked space](#)

With bunsanweb

- [Change with bunsanweb: open systems built on peer relations](#)
- [Connect to decentralized technologies](#)

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bunsanweb: keywords

We choose

- **User-Agent** makes Resources independent
 - not Web Servers for controlling Resources
- **End-to-end** principle
 - not gathered in the middle
- Enhance from **Endpoint**
 - not from specific intermediaries
- Web of (**hyperlinked**) Programs
 - not accessing data structures via RPC
- **Endpoint-scripting**
 - not separating client-side and server-side functionalities
- **Universal** event stream
 - not pre-registered channels
- **Endpoint-relative** hyperlinked space
 - not data of accounts on global Web Services
- Scripting with JavaScript and other **standard browser APIs**
 - not specialized API objects for each functionality
- HTML as a **hyperlink container**
 - not document formats without URL type (or just a string)
- **Content-based** events shared on a universal stream
 - not temporal event data in siloed channels

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