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."

The "bunsanweb" is a collection of technologies for the concept: Web of Programs.

- An architecture of "endpoint-scripting" mixed client-side and server-side JavaScript features. It makes web processing programs directly hyperlink-able without preparing specialized intermediaries for each application.

- For decentralized network of the endpoint-scripting, a single universal stream of events and a model of endpoint-relative URI space are designed as alternatives of channels to specify and accounts on Web Services.

Site

- https://bunsanweb.github.io/

Main repository

- https://github.com/bunsanweb/bunsanweb

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

bunsanweb: keywords

We choose

- **User-Agent** makes Resources independent
  - not Web Servers for controlling Resources
- **End-to-end** principle
  - not gathered to 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 **standard browser API**s
  - not specialized API objects for each functionality
- HTML as **hyperlink container**
  - not document formats without URL type (or just a string)
- **Content-based** events shared on universal stream
  - not temporal event data in channels