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

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 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