Community-stewarded knowledge for a living bioregion

The Front Range Knowledge Commons

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Knowledge needed to care for a place

What is happening in this watershed?

Who knows how to respond?

What has worked here before?

How can we organize and fund the work?

Community control over the infrastructure

The knowledge store

Where it lives and how we carry it forward

The participation rules

Who can contribute, review and publish

The interfaces

How people find and work with knowledge

The public commons

What we share beyond the membership

Parachute Vault: shared memory we control

Readable notes

Stories, observations,
protocols and experience

Structured relationships

Tags and typed fields
Links between records
Geography and provenance

One SQLite-backed knowledge graph

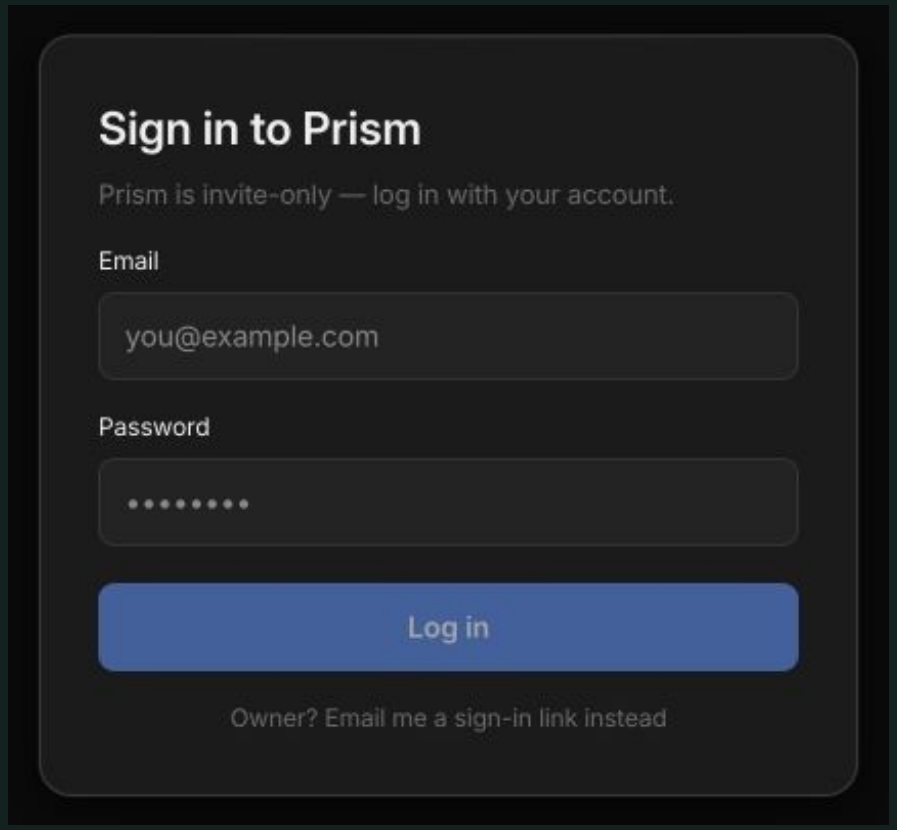
Interfaces and AI assistants connect through HTTP and MCP

Prism: the interface for participating

Hosted on my Mac Mini at home

Invited members sign in remotely. The server checks what each person can read and change.

The vault credential stays on the server.



Participation rules in the editor

Example configuration

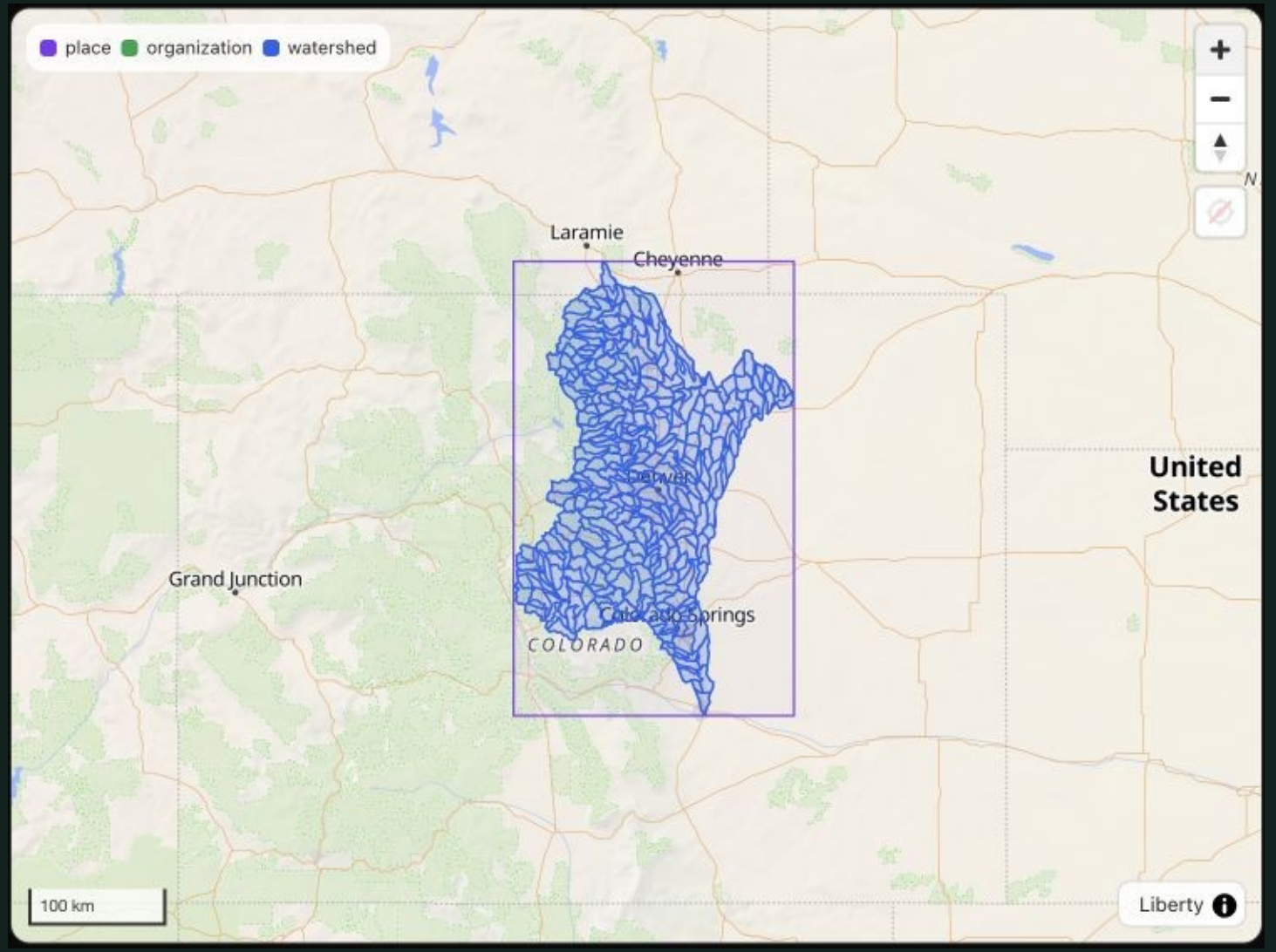
Contributors	Draft and submit knowledge
Gardeners	Review changes and maintain records
Stewards	Amend the rules through proposals

A role becomes a permission the server enforces.

A note can describe an actual place

Points
Lines
Polygons

A geographic way
into the knowledge



Published Front Range commons map

The twin follows changing conditions

Ecological observations with sources and timestamps

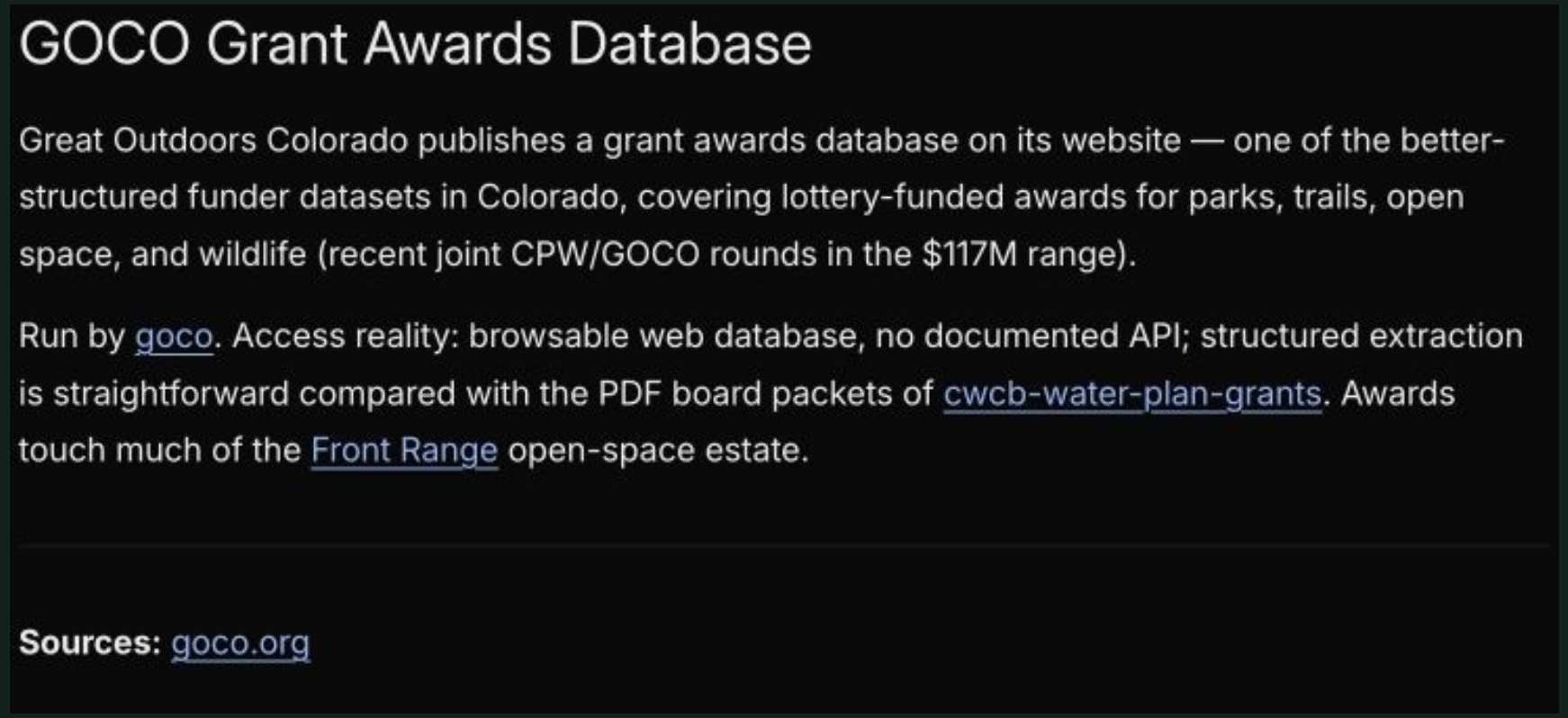
One place connects observations and knowledge

Boulder Creek near Orodell

Observed streamflow

The matching commons record links back to the twin

Knowledge that supports stewardship



GOCO Grant Awards Database

Great Outdoors Colorado publishes a grant awards database on its website — one of the better-structured funder datasets in Colorado, covering lottery-funded awards for parks, trails, open space, and wildlife (recent joint CPW/GOCO rounds in the $117M range).

Run by goco. Access reality: browsable web database, no documented API; structured extraction is straightforward compared with the PDF board packets of cwcb-water-plan-grants. Awards touch much of the Front Range open-space estate.

Sources: goco.org

Practices and protocols

Funding and project experience

Courses and local expertise

Ecological and cultural knowledge

What this experiment contributes

Parachute

A knowledge store we control

Prism

Interfaces and rules for participation

Bioregional twin

Observations connected to place

Together, infrastructure a community can shape.

AI helps us build and work with it. People govern the commons.

What knowledge does your bioregion need to care for itself?

Who should steward it?
What would make contributing worthwhile?

bioregionaltwin.org
prism.omniharmonic.com/p/front-range