

Brick Work

Finish the sets you started.

A self-hosted workbench for a real, messy brick collection. Every app does inventory; Brick Work also helps at the table.

Pitch · v0.5.0 · MIT · 22 Oct 2026

THE PROBLEM

A real collection is half-finished sets, bags of loose parts and three spreadsheets.

Sets come back short

Used and vintage copies miss a few parts each. Nobody knows which, until a rebuild stalls.

The parts are in the drawer

Sorted bulk could finish many of those sets, but nothing connects the drawer to the gap.

The sites only count

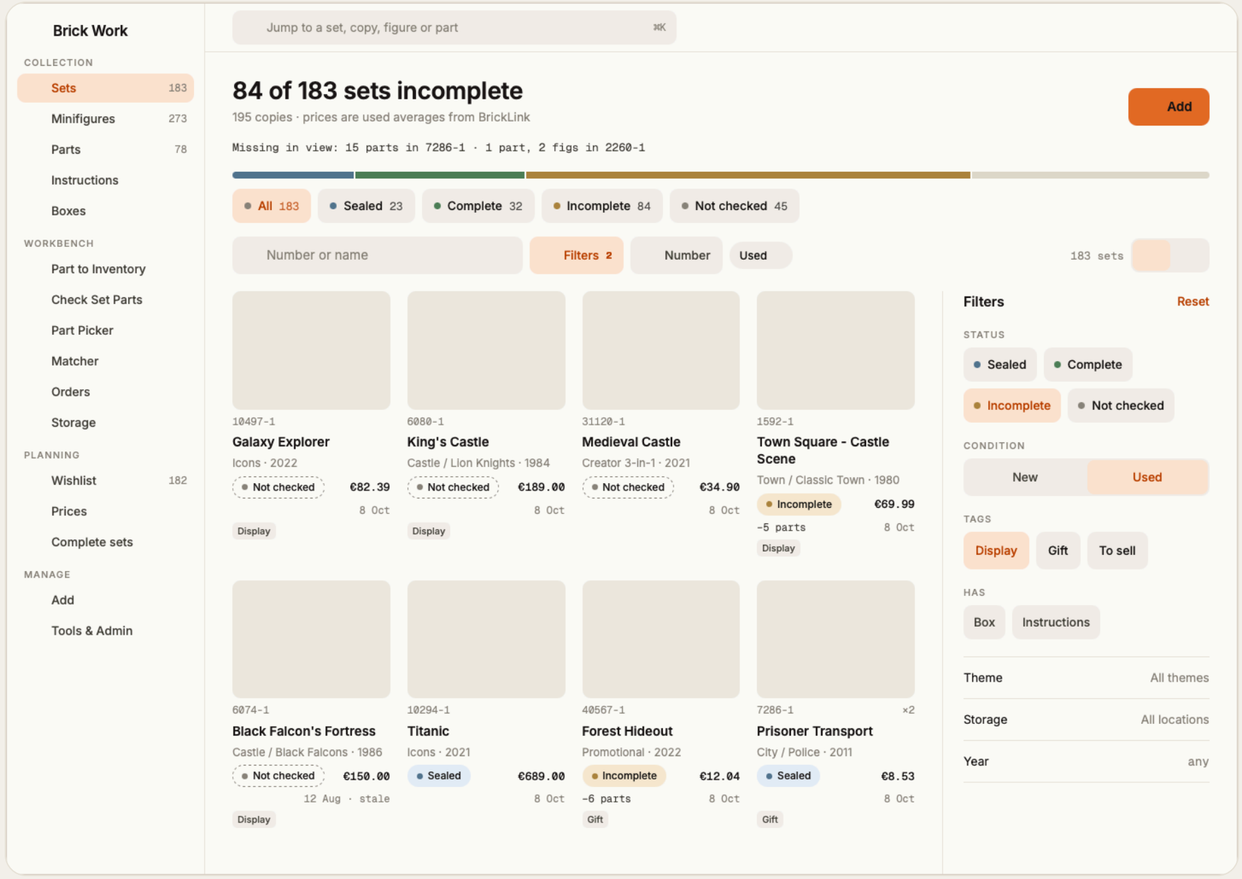
Rebrickable, Brickset and BrickLink each hold part of the truth. None helps at the table.

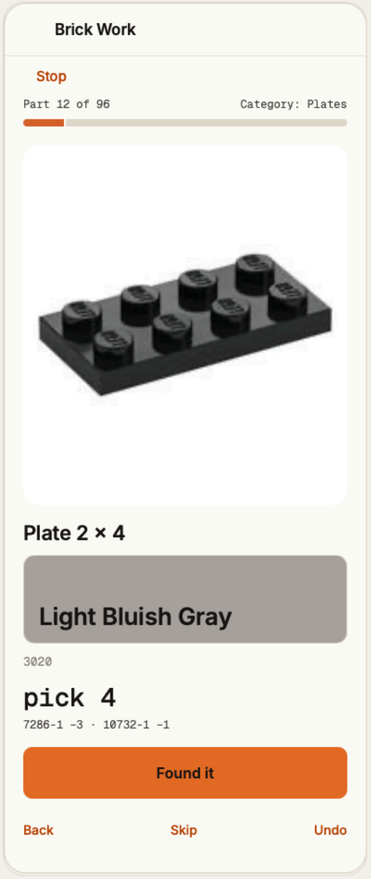
WHAT IT DOES

Three workflows that help at the table

Check Set Parts	Go through a copy part by part against its inventory and keep a running count of what is missing.
Part Picker	Tick several sets and get the missing parts you can pull from your sorted loose stock, in your own order.
Matcher	See which incomplete copies your loose stock can finish, then decide what to build or buy.

One app on the desk and in the hand





Sets list on a MacBook, Part Picker on an iPhone home screen.

Same core, same database, light and dark.

Brick Work · Pitch · 4 · screens on the demo collection

WHO IT IS FOR

Private collectors whose collection should help them finish it

Collector	What they ask
Rebuilds used and vintage sets	“Exactly what is missing from each set?”
Builds from sorted bulk	“Do I have it, how many, and which drawer?”
Collects minifigures	“Which figures can I put together from parts?”
Was handed a collection	“What is in this box, and what do I do with it?”
Scripts things at home	“I want an assistant to talk to my collection.”

Not for sealed-box investors, BrickLink stores or social profiles.

WHERE IT STANDS

Live, open source and used every day

0.5.0

first public release, 18 Oct, MIT

~200

set copies in the maintainer’s live collection

14

architecture decisions recorded as ADRs

42

open enhancements on the public roadmap

Shipped: Collection, Workbench, Planning and Manage; an installable web app; a versioned REST API with scoped tokens and Undo; an admin CLI; an MCP server.

THE GAP

A new collector opens Brick Work to an empty app.

Keys, catalogue, the collection itself and how the inventory works are spread over Manage screens and docs. The maintainer’s data came in by migration. Nobody else gets that path.

THE ROAD

Five milestones, in order, no dates

Step	Milestone	Goal	Rough length
0	Planning on GitHub	The plan lives on GitHub; the gate is passed	under 1 week
A	Onboarding	A stranger goes from install to their own collection	3–4 weeks
B	Set up and test	The real collection is set up by onboarding and every workflow passes on it	2–3 weeks
1.0	Stability release	Stable schema, tested upgrades, published image	2–3 weeks
C	New functionality	The roadmap’s Now column, chosen after B	set after B

The order is the promise. Each milestone has one checkable goal, a gate issue that Ulf closes, and its own deck.

THE ASK

Pass the Phase 0 gate, and onboarding starts.

Check

Milestones 0, A, B, 1.0 and C, each with a goal, a gate and a deck

Correct

Scope, order and rough timing, on the milestones or in the gate issue

Close

Gate: Phase 0. Then A begins.