maqui.ai

Maqui.ai: Knowledge Graphs and GraphRAG to Manage Legal Documents

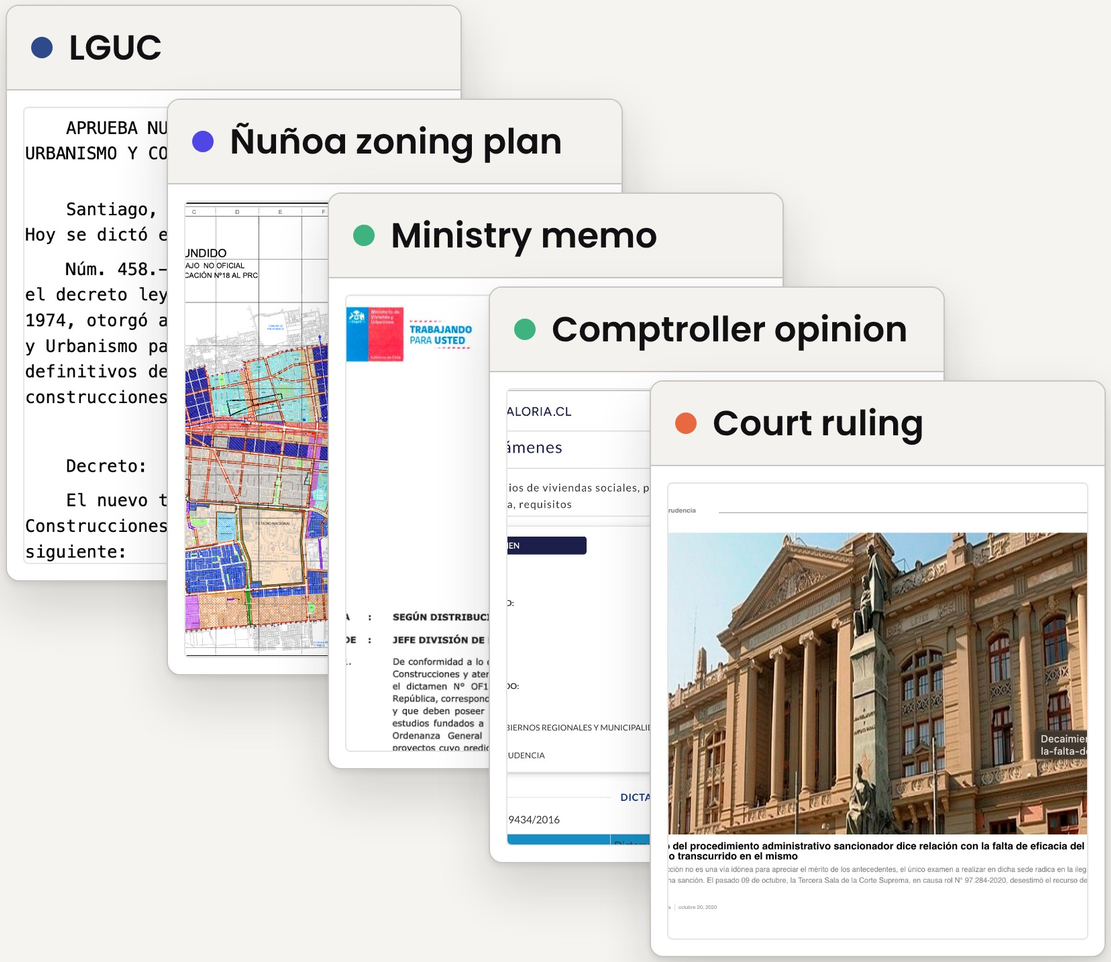
Barrionuevo, Díaz Campos, Farías, Ferrada, Grez, Reutter, Sarmiento, Urrutia

IMFD · U. de Chile · PUC

ISWC 2026 Industry track · Bari

Meet our user

An architect wants to add balconies to a building in a zone of Ñuñoa, Santiago.



What am I allowed to build?

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What happens today

A · Manual search

Days or weeks

and a high cost of missing something

B · Legal chatbot

Can I add balconies in zone Z-4C, Ñuñoa?

Yes. The Ñuñoa zoning plan allows balconies in this zone.

✓ Source: Ñuñoa zoning plan

The problem: not knowing what you're missing.

What happens today

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Can I add balconies in zone Z-4C, Ñuñoa?

Yes. The Ñuñoa zoning plan allows balconies in this zone.

✓ Source: Ñuñoa zoning plan

! The plan was challenged in court. The chatbot never saw it.

COURT RULING

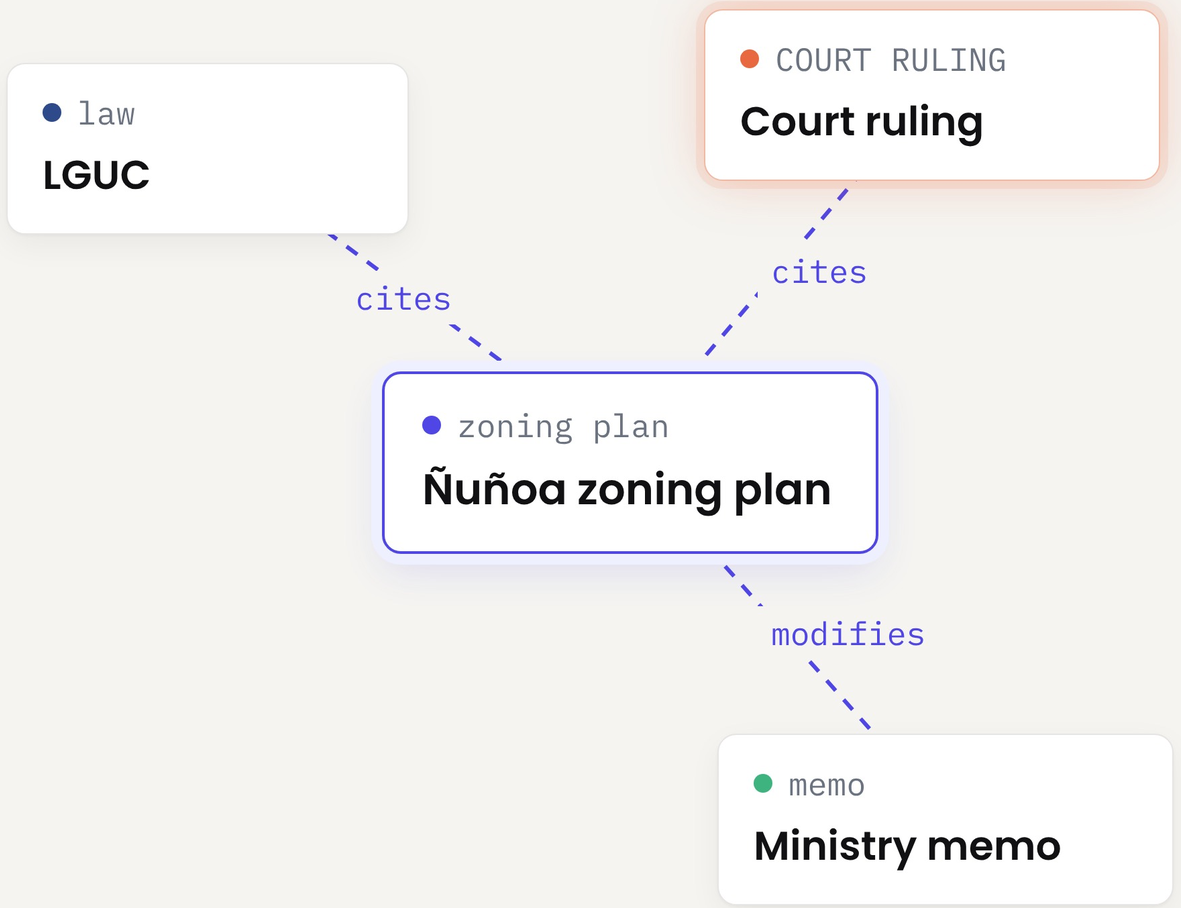
Court ruling

The problem: not knowing what you're missing.

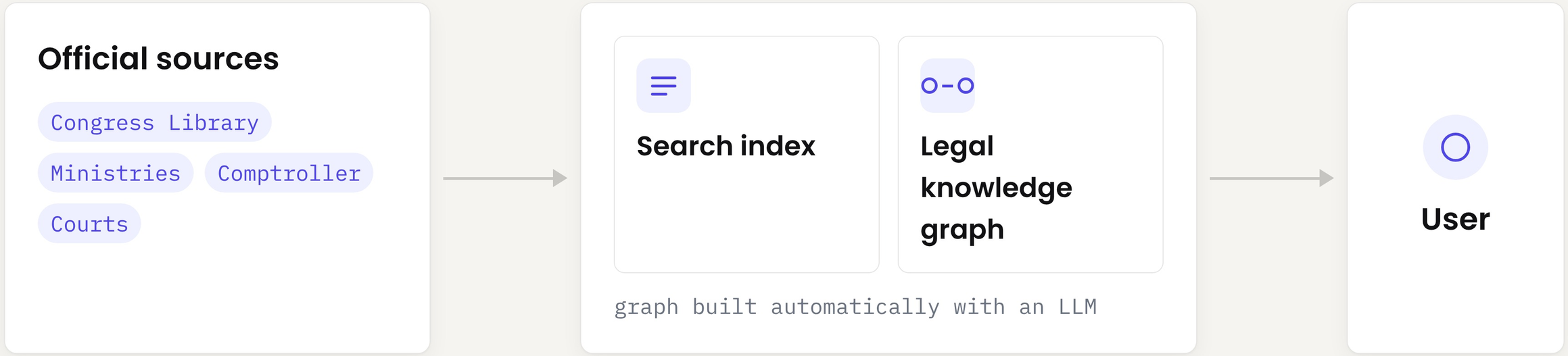
Instead, a good search is

Not just the text that answers the question, but everything connected to it.

1. **Still in force?**
2. **Modified or challenged?**
3. **Did a court rule on it?**



How Maqui.ai works

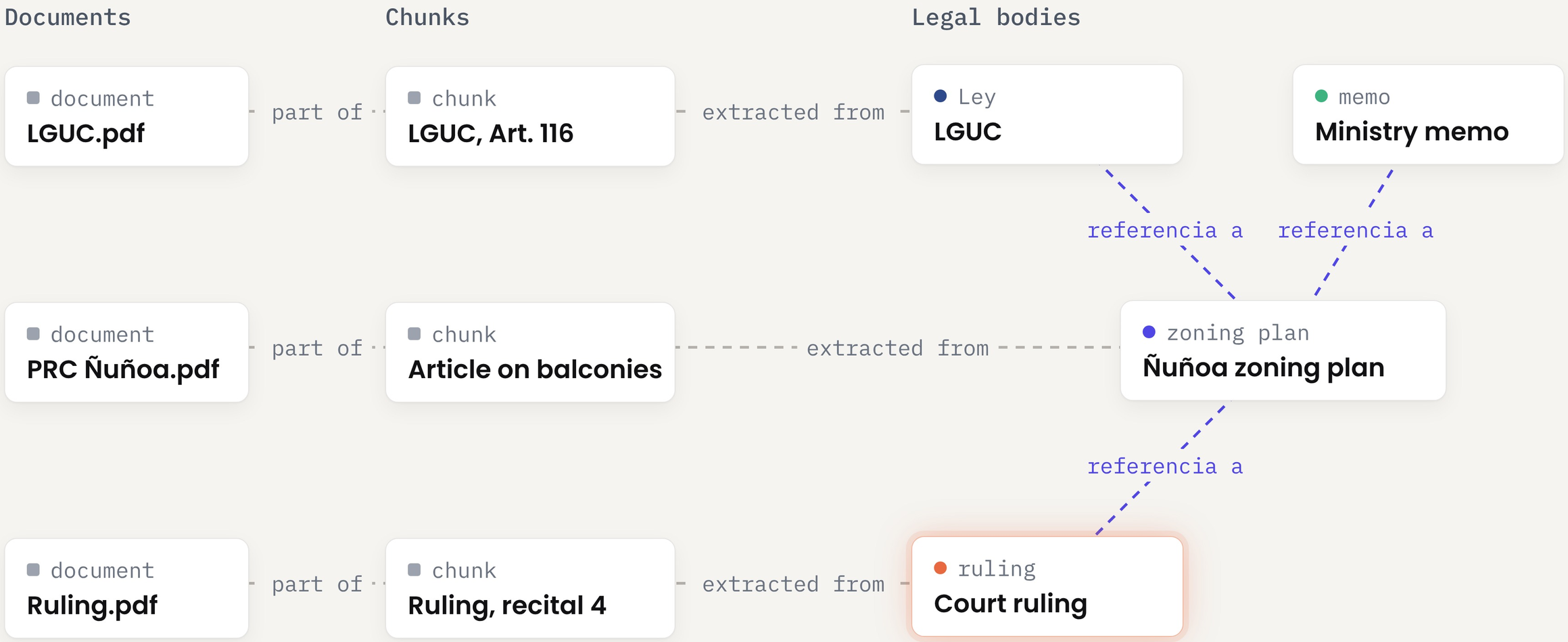


~43K
legal bodies

~46K
relations

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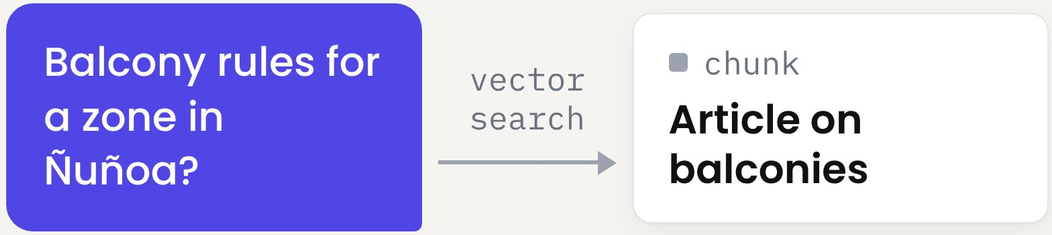
Inside the graph



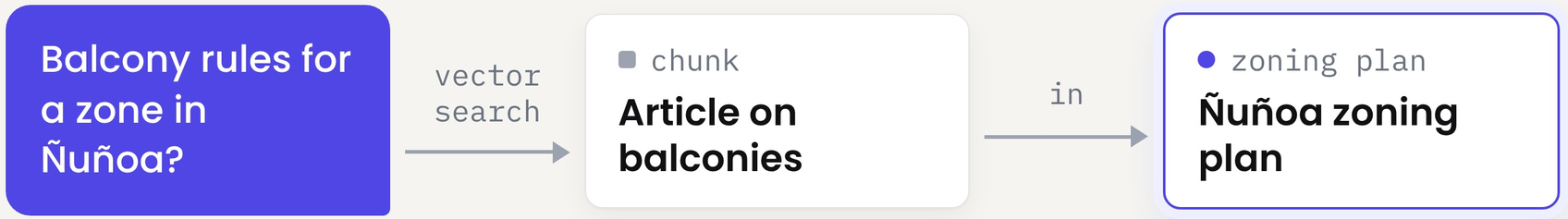
Back to Ñuñoa

Balcony rules for a zone in Ñuñoa?

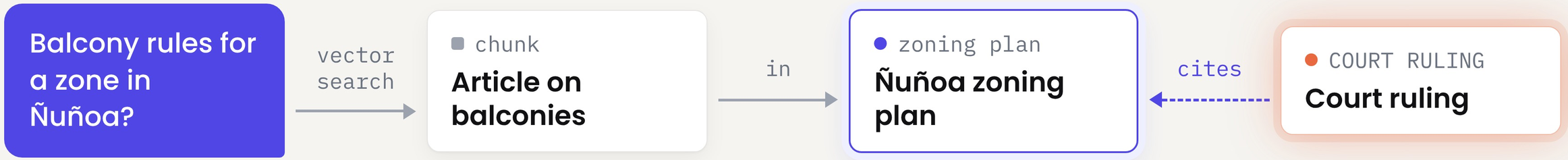
Back to Ñuñoa



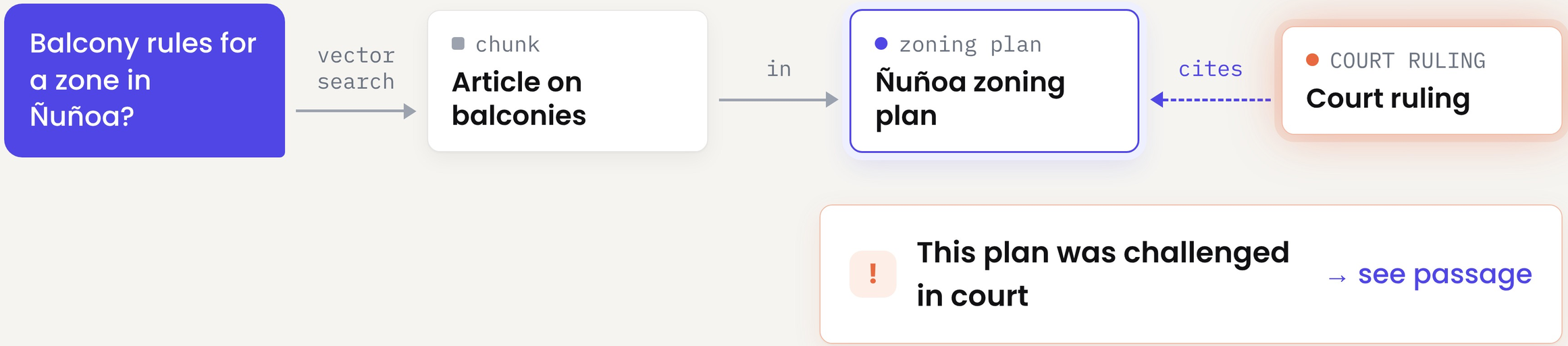
Back to Ñuñoa



Back to Ñuñoa



Back to Ñuñoa



We don't interpret the ruling. We make sure you don't miss it.

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Three ways in

Explore

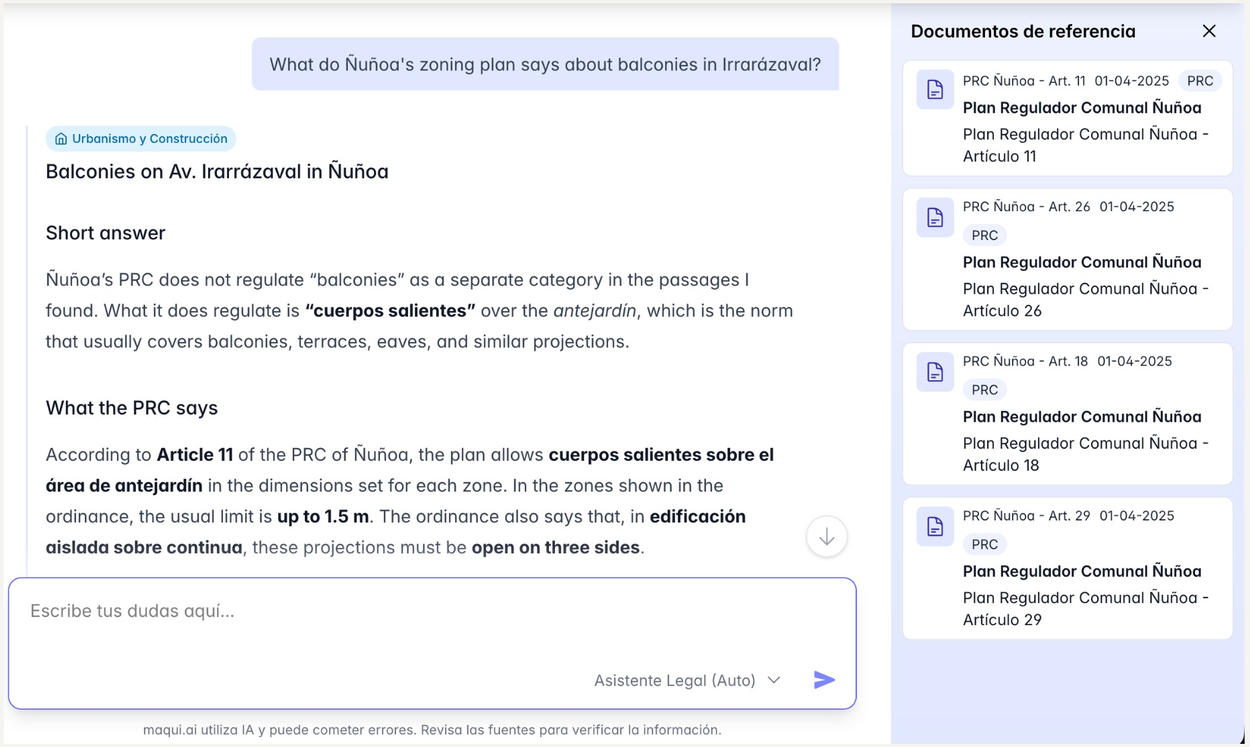
Navigate the graph

Ask

An agent decides which links to follow

Bring your own agent

MCP



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Three ways in

Explore

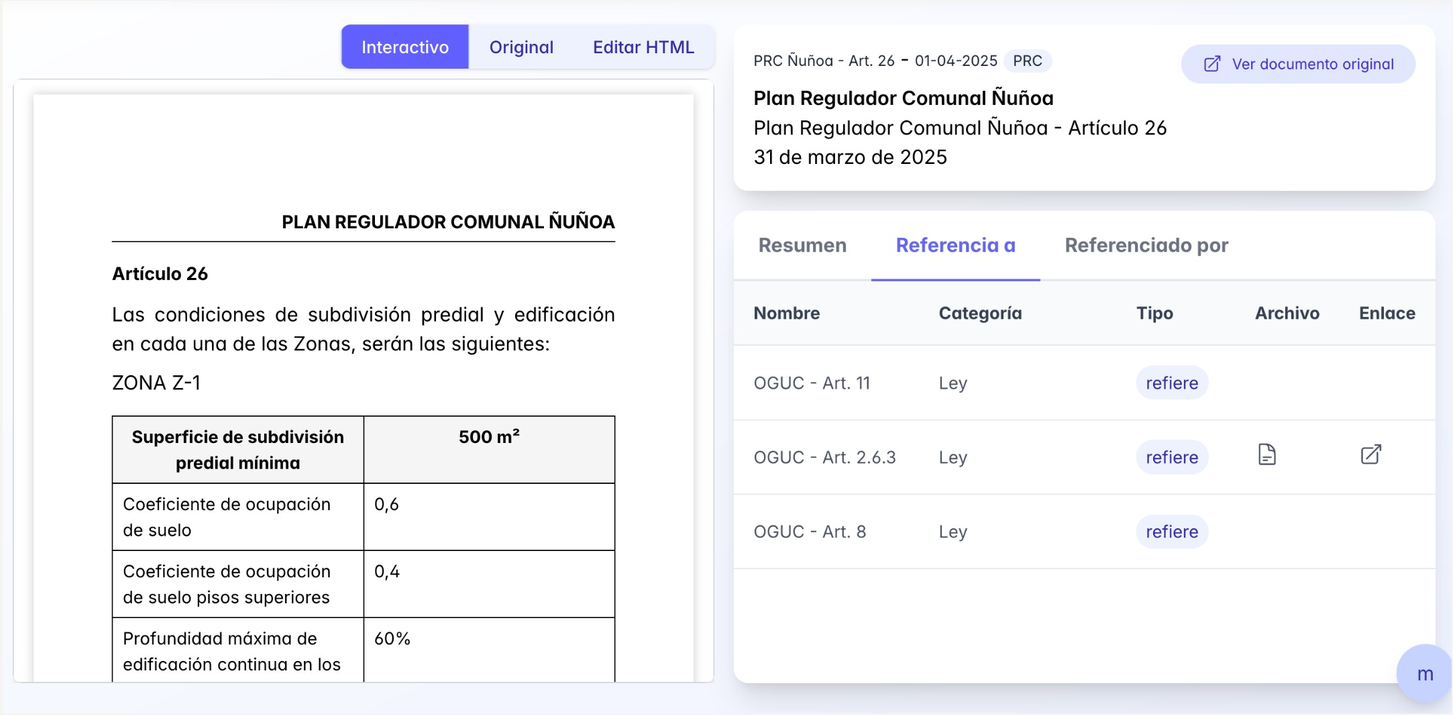
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What we learned from real users

Architects, lawyers and city councils found documents they needed, live in demos.

01

Users know how to navigate

02

Everyone wants their own files in

03

One graph, or one per domain?

04

MCP sells big

Next lawyer-validated evaluation

How should agents best interact with a knowledge graph?

Next Tax & environmental law

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Free trial