



Using HubDB in HubSpot

WHAT IS HUBDB,
AND WHEN WOULD
YOU USE IT?

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My Favorite Books

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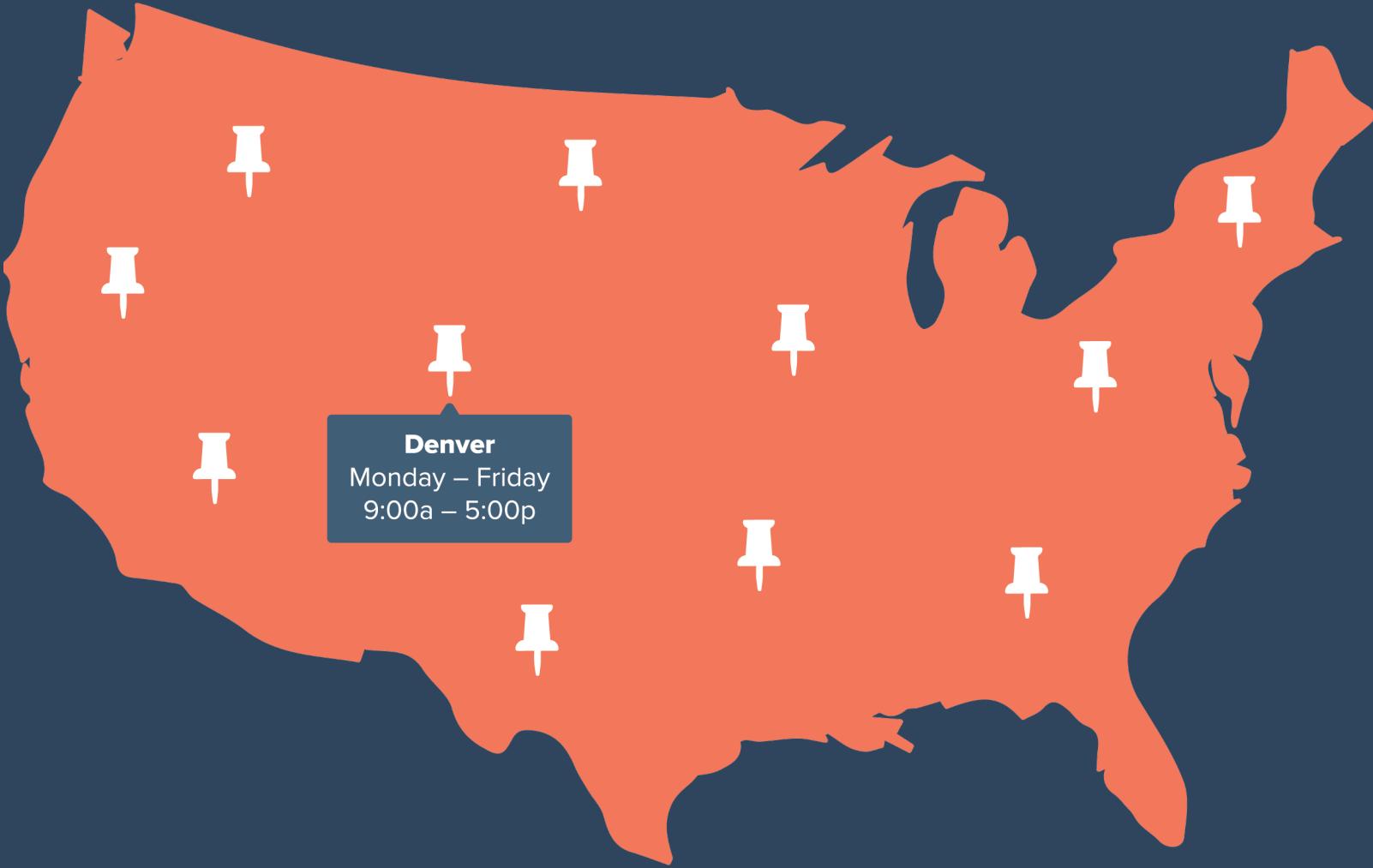
Search



ID	NAME	AUTHOR	BOOK TYPE	TAGS
6431356786	Gravity's Rainbow	Thomas Pynchon	Fiction ▾	Post Modern × Historical × ▾
6431357095	Pale Fire	Vladimir Nabokov	Fiction ▾	Post Modern × Meta Fiction × ▾
6431357892	Foucault's Pendulum	Umberto Eco	Fiction ▾	Post Modern × Historical × ▾
6428123075	The Wind-Up Bird C	Haruki Murakami	Fiction ▾	Post Modern × Surreal × ▾
6431360933	Omensetter's Luck	William H. Gass	Fiction ▾	Surreal × Modern × ▾
6436846481	A History of Western	Bertrand Russell	Nonfiction ▾	Historical × ▾

[+ Add row](#)

HubDB: Table-based data storage



Typical use: storing location data



Portsmouth, NH (U.S. Office)

Address

1 Harbour Pl, Suite 175
Portsmouth, NH 03801
United States

Phone

1 888 HUBSPOT

Dublin (European HQ)

Address

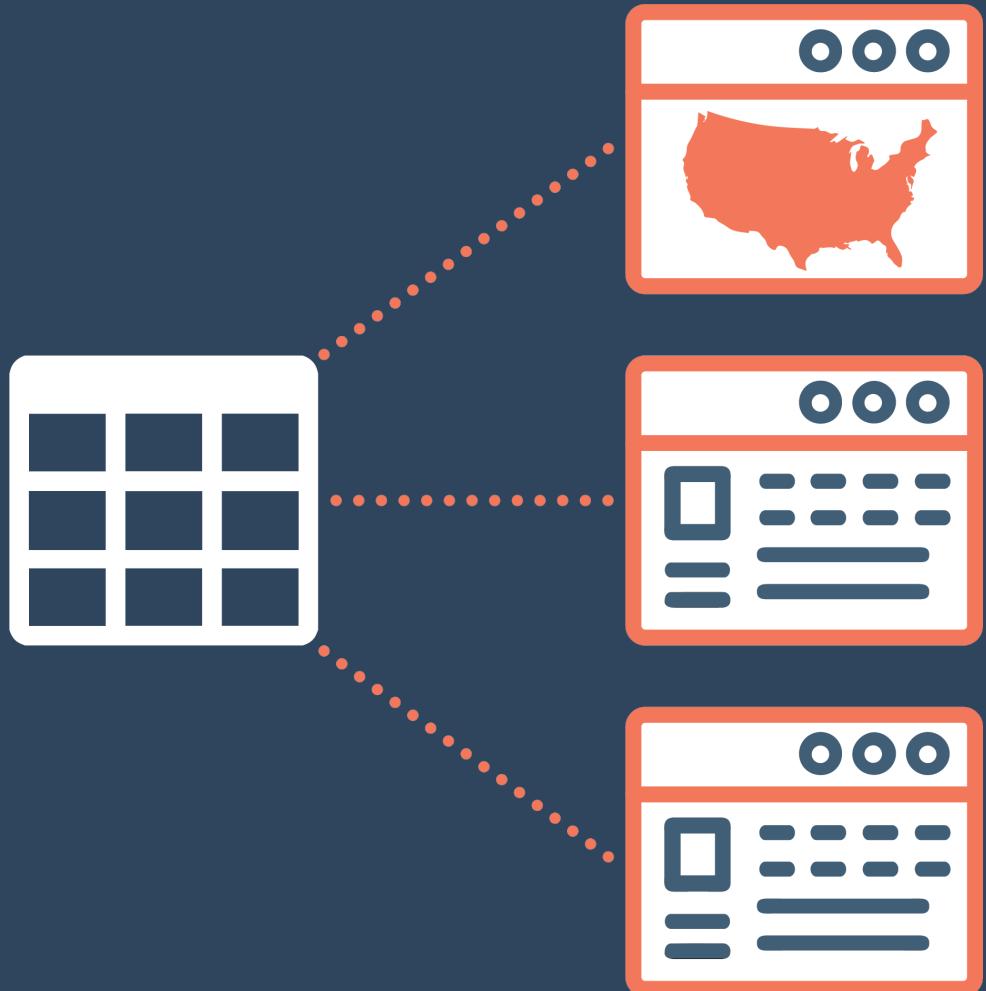
Ground Floor, Two Dockland Central
Guild Street, Dublin 1



Repurposing the map data

Store the locations in a table.

This way, you can build your map page project and use that same data for other future projects.



Advantages of HubDB:

- Separation or “normalization” of data
- Easy to view and edit large amounts of data
- Granular permissions

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DYNAMIC PAGES TURNS
EACH ROW IN A TABLE
INTO A PAGE.

DATABASE SCHEMA AND LINKING TABLES

Outline some best practices.

Restructuring tables can get extremely expensive if you don't plan carefully.



Define your purpose
and put it in writing.

Meet with stakeholders, and make
sure everyone is on the same page.

Questions to ask stakeholders:

- What is this content?
- How is it going to be consumed by visitors?
- How is it going to be updated?

PLAN WELL **BEYOND** YOUR
IMMEDIATE NEEDS.

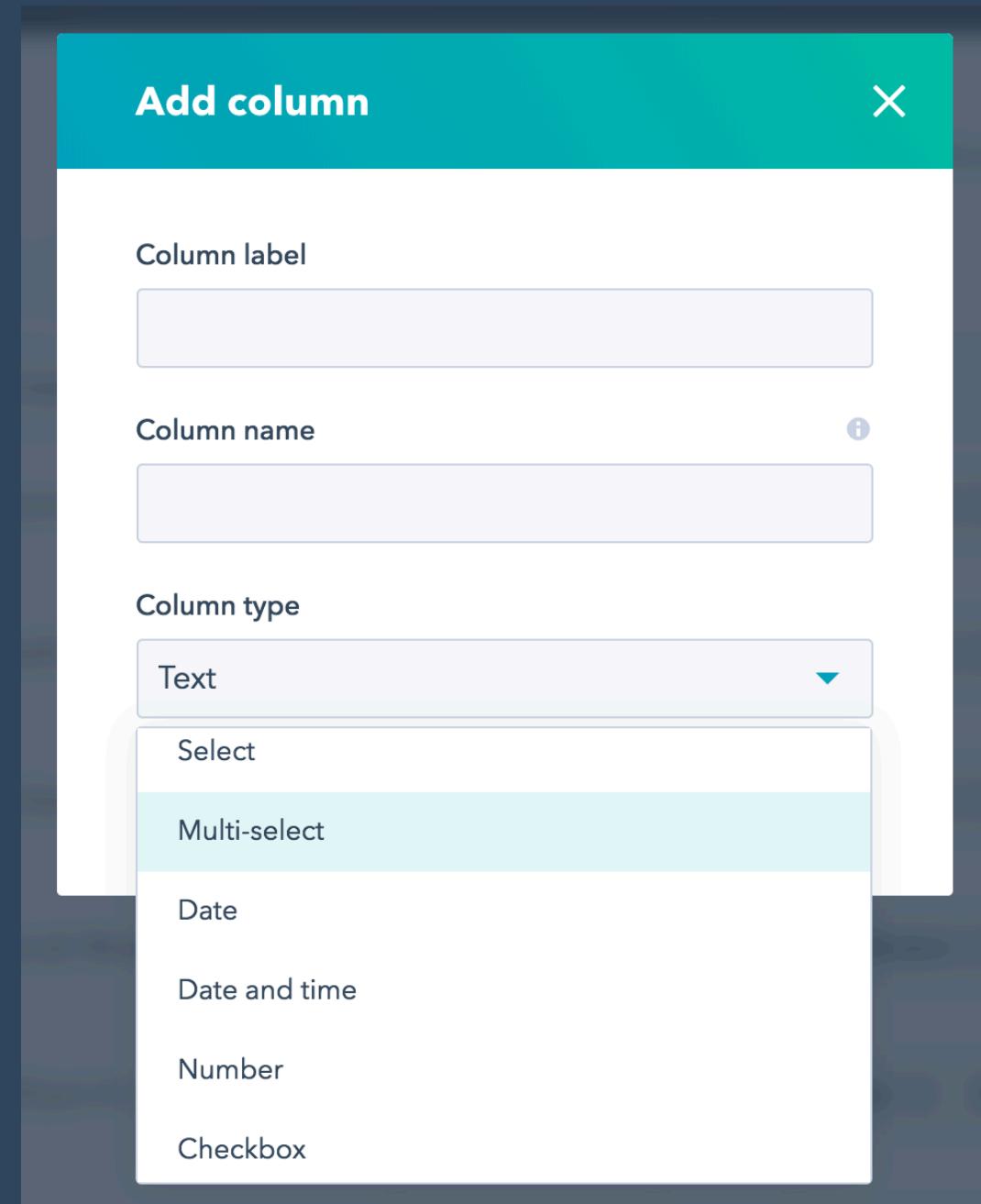


We can't predict the future.

The best we can do is try to make sure that our data structure allows us to access our content in totally unforeseen ways.

Select, multi-select, and checkbox columns

Use in place of open-ended
column types to standardize data



My Favorite Books

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ID	NAME	AUTHOR	DESCRIPTION
6431356786	Gravity's Rainbow	Thomas Pynchon × ▾	Lengthy, complex, and ...
6431357095	Pale Fire	Vladimir Nabokov × ▾	Pale Fire is a 1962 nove...
6431357892	Foucault's Pendulum	Umberto Eco × ▾	Foucault's Pendulum (o...
6428123075	The Wind-Up Bird C	Haruki Murakami × ▾	The Wind-Up Bird Chr...
6431360933	Omensetter's Luck	William H. Gass × ▾	For his first novel Willia...

Foreign id links author column to another table

Authors

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✓ Saved

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Redo

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ID	NAME	BIO
6442867585	Vladimir Nabokov	Vladimir Vladimirovich Nabokov also known by the pen name Vladimir Sirin; 22 April [O.S. 10 April] 1899[a] – 2 .
6442869187	Thomas Pynchon	Thomas Ruggles Pynchon Jr. born May 8, 1937) is an American novelist. A MacArthur Fellow, he is noted for his.
6443011352	Umberto Eco	Umberto Eco OMRI was an Italian novelist, literary critic, philosopher, semiotician, and university professor. He i.
6443011871	Haruki Murakami	Haruki Murakami is a Japanese writer. His books and stories have been bestsellers in Japan as well as internati..
6443012156	William H. Gass	William Howard Gass was an American novelist, short-story writer, essayist, critic, and philosophy professor. He .

The authors table

USING HUBDB WITH JAVASCRIPT AND THE API



Two tiers of HubDB
access without HubL:
Authenticated and public access both
use the HubDB API.

Access public data with table ID

- Only GET requests, writing to tables requires authentication
- Inside or outside of the CMS
- API docs for reference
- JavaScript client available

Authenticated access

- API key or OAuth
- Must authenticate to modify tables