Search front-end

As of 2023-02, some great work is ongoing to make the Manticore Search support great, while maintaining the current good support for other engines. So our back-end search is mature, but what about the front-end? It is pretty basic and we can do a lot better.

As per How to pick a software library, let's research options.

Options

- Some options moved to https://github.com/manticoresoftware/manticoresearch/issues/1059 ↗
- https://github.com/searchkit/searchkit ↗
- https://github.com/appbaseio/mirage ↗
- https://github.com/appbaseio/reactivesearch ↗
- https://github.com/typesense/typesense-instantsearch-adapter ↗
- https://manticoresearch.com/blog/manticoresearch-github-issue-search-demo/ ↗

Tools	About	Repository	License(s)	Languages/Plateforms	Search engine(s)	Works with Manticore Search ?	Open Source license compatible with Tiki?	Demo	Last commit
Interface X	Commerce Search & Discovery frontend web components	https://github.com/empathyco/x	Apache License 2.0	Vue.js	Standalone (Elasticsearch, Solr or other search APIs)				2023
Search UI	Libraries for the fast development of modern, engaging search experiences.	https://github.com/elastic/search-ui	Apache License 2.0	JavaScript	Elasticsearch				2023
InstantSearch	Libraries for building performant and instant search experiences with Algolia. Compatible with JavaScript, TypeScript, React and Vue.	https://github.com/algolia/instantsearch	MIT	JavaScript, TypeScript, React and Vue	Algolia				2023
Instantsearch-ItemsJS-adapter	An adapter to use ItemsJs based client-side search with an Algolia Instantsearch front-end.	https://github.com/unplatform-io/instantsearch-itemsjs-adapter	MIT		ItemsJS				2022
dejavu: The missing Web UI for Elasticsearch	The Missing Web UI for Elasticsearch: Import, browse and edit data with rich filters and query views, create search UIs visually.	https://github.com/appbaseio/dejavu#build-search-uis	MIT	JavaScript	Elasticsearch				2023
Searchkit	Search UI for Elasticsearch & Opensearch. Compatible with Algolia's Instantsearch and Autocomplete components. React & Vue support	https://github.com/searchkit/searchkit	Apache License 2.0	React & Vue support	Elasticsearch & Opensearch			https://www.searchkit.co/demos ↗	2023
Mirage	GUI for simplifying Elasticsearch Query DSL	https://github.com/appbaseio/mirage	Apache License 2.0		Elasticsearch				2019
Reactive Search	Search UI components for React and Vue	https://github.com/appbaseio/reactivesearch	Apache License 2.0	React & Vue	Elasticsearch			https://github.com/appbaseio/reactivesearch#4-live-demos ↗	2023
Typesense Instantsearch Adapter	A JS adapter library to build rich search interfaces with Typesense and InstantSearch.js	https://github.com/typesense/typesense-instantsearch-adapter	MIT					https://songs-search.typesense.org/ ↗	2023

Criteria

- Open Source license compatible with Tiki: License
- Works with Manticore Search (If it doesn't yet, we can help with this)

- Vue.js 3.x (ideally)

Team

- Adrien (lead)
- Marc (advisor)
- You? (please join)

Related

- https://github.com/manticoresoftware/manticoresearch/issues/1060 ⧉