

ELASTICSEARCH BY CODEUPP

Advanced Search Engine for Botble Ecommerce

Elasticsearch
BY CODEUPP — 1.2.0

Smarter, Faster, Typo-Tolerant Search for Botble/Martfury.

Typo-Tolerant Search
Find the right products even with misspellings

Multilingual Support
Global customers, better search

Searchbar Design
Rotating keywords & live preview

Recent & Trending Searches
Data-driven insights

Better Relevance
SKU, phrase boost & smart suggestions

Easy Setup
Lightweight & fully compatible

BUILT FOR BOTBLE CMS

Search Smarter Shop Faster

Find Even with Typos

Find What You Love
Smarter Search, Better Shopping.

Relevant Results
More Conversions
Happier Customers

Developed by **Maryam International LLC**
GLOBAL COMMERCE. A BRIGHTER TOMORROW

Powered by **Codeupp**
BUILD - DEPLOY - GROW

UAE USA Canada | Colombia India Worldwide

Version 1.2.2	Updated 22 September 2026	Developer Maryam International LLC
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Turn product searches into product discoveries.

Installation • Configuration • Search Experience • Indexing • Analytics • Troubleshooting • FAQ

Documentation map

This guide follows the plugin README completely, while adding real screenshots and visual explanations from the supplied Botble/Martfury installation.

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| 01 | Meet Elasticsearch
What the plugin adds and where it fits. |
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Quick start

Upload the plugin, activate it, connect Elasticsearch, rebuild the product index, verify the search source, then configure the storefront experience.

Meet Elasticsearch

CodeUpp Elasticsearch brings a richer product-discovery experience to Botble ecommerce with Elasticsearch-powered matching, image-based suggestions and helpful search assistance. Help shoppers find products even when they make common spelling mistakes, return to recent searches, and discover trending keywords from real store activity.

Create an engaging search bar with your own introductory line and five animated keywords. Manage connections, search design, privacy, indexing and analytics from a dedicated admin menu.

Built for the supplied Botble/Martfury integration, Elasticsearch combines multilingual interface copy, responsive search panels, resumable indexing and native-search fallback. It is designed to enhance your existing storefront while keeping product information connected to your store database.

****Find it faster. Discover more. Give every search a better starting point.****

[Installation](#installation) · [Why Elasticsearch?](#why-Elasticsearch) · [Changelog](#changelog) · [FAQ](#frequently-asked-questions) · [Support](#contact--support)

Installation

Before you begin

You will need:

- A working Botble ecommerce installation with the Ecommerce plugin enabled.
- A compatible Elasticsearch service, such as Searchly or a private Elasticsearch server, with credentials that permit index creation, reads, writes and alias management.
- Hosting that can connect to your Elasticsearch service.
- Access to your hosting File Manager and the Botble admin panel.
- A backup of your existing plugin before upgrading.

****Theme compatibility:**** the storefront integration targets the supplied Martfury search markup. Other Botble themes or customized headers may need an adapter. Confirm compatibility before using it on a different theme.

1. Upload the plugin

Open your hosting ****File Manager**** and locate your Botble application folder—the folder containing `\artisan\`, `\platform\` and `\storage\`.

Upload and extract the plugin into:

\\`text

your-botble-application/

└─ platform/

└─ plugins/

└─ ElasticsearchByCodeupp/

└─ plugin.json

└─ src/

└─ resources/

└─ routes/

└─ ...

\\`

The correct path is `**\platform/plugins/ElasticsearchByCodeupp\**`.

Keep the folder name exactly as shown. Avoid an extra nested folder: `\plugin.json\` must be directly inside `\ElasticsearchByCodeupp\`.

Elasticsearch is the product name used in this guide. The installed plugin currently appears as `**Elasticsearch Integration (by CodeUp)`, and its sidebar menu is `ElasticSearch`.

2. Activate and prepare

1. Sign in to Botble admin and open the `**Plugins**` screen.
2. Ensure `**Ecommerce` is enabled, then activate `Elasticsearch Integration (by CodeUp)`.
3. Complete your Botble version's normal plugin migration/upgrade process. Version 1.2.0 introduced the search tracking and indexing tables; they are required.
4. From your application directory, clear cached configuration and views:

\\`bash

`php artisan optimize\clear`

\\`

When upgrading an installation with queue workers, restart them so they load the updated plugin code:

\\`bash

`php artisan queue\:restart`

\\`

If your hosting does not provide a terminal, ask its support team to run these commands from the Botble application directory.

3. Connect Elasticsearch

Elasticsearch connection

Connect a compatible Elasticsearch server, save the connection, then synchronize your catalogue.

Service provider

Searchly

Host URL

https://gimli-eu-west-1.searchly.com

Use the username and password fields for credentials. Clear the host to disable Elasticsearch search.

Index name

bottle_products

Use a dedicated index for this store. Changing it requires another sync.

Username

site

Password

Leave blank to keep the saved password. Stored passwords are never displayed.

☐ Remove the saved password

Save settings

Open index Health & Progress to synchronize products

Smart product search

Exact names and SKUs rank first. Prefix matching supports autocomplete; fuzzy matching handles common spelling mistakes using your indexed products.

Test a query such as **Doir sawage** after syncing a published **Dior Sauvage** product.

Admin - Elastic Search Connection

Provider, host, index name and credentials are configured from the dedicated ElasticSearch menu.

Open **ElasticSearch → Elastic Search Connection**.

\| Setting | What to enter |

\| :--- | :--- |

\| Service provider | Searchly or Private Elasticsearch server |

\| Host URL | Your provider's HTTPS endpoint, without embedded credentials |

\| Index name | A dedicated lowercase name for your store; the default is `bottle_products` |

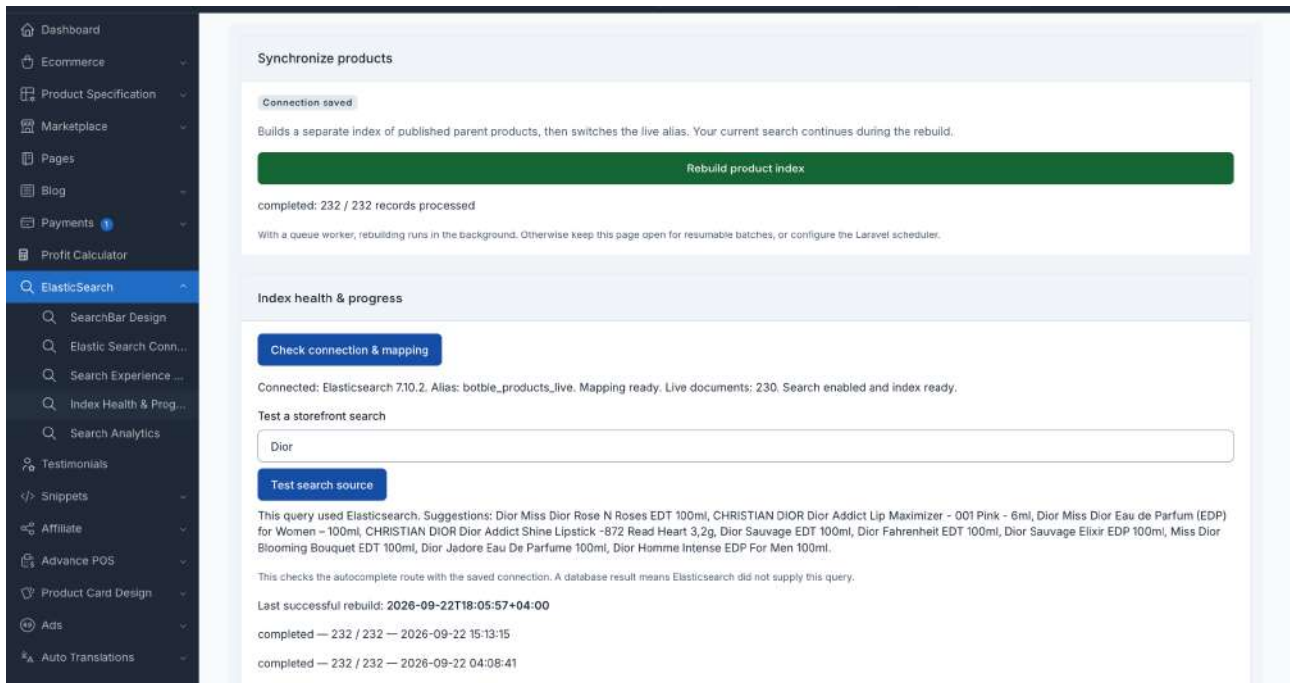
\| Username | The username supplied by your provider; Searchly connection URLs commonly use `site` |

\| Password | The provider password/API key used for this connection |

Save the settings. The password field remains empty after saving; leaving it blank preserves the saved password. Use the explicit removal checkbox only when you want to clear it.

Each store sharing an Elasticsearch server should use its own index name.

4. Synchronize your products



Admin - Index Health & Progress

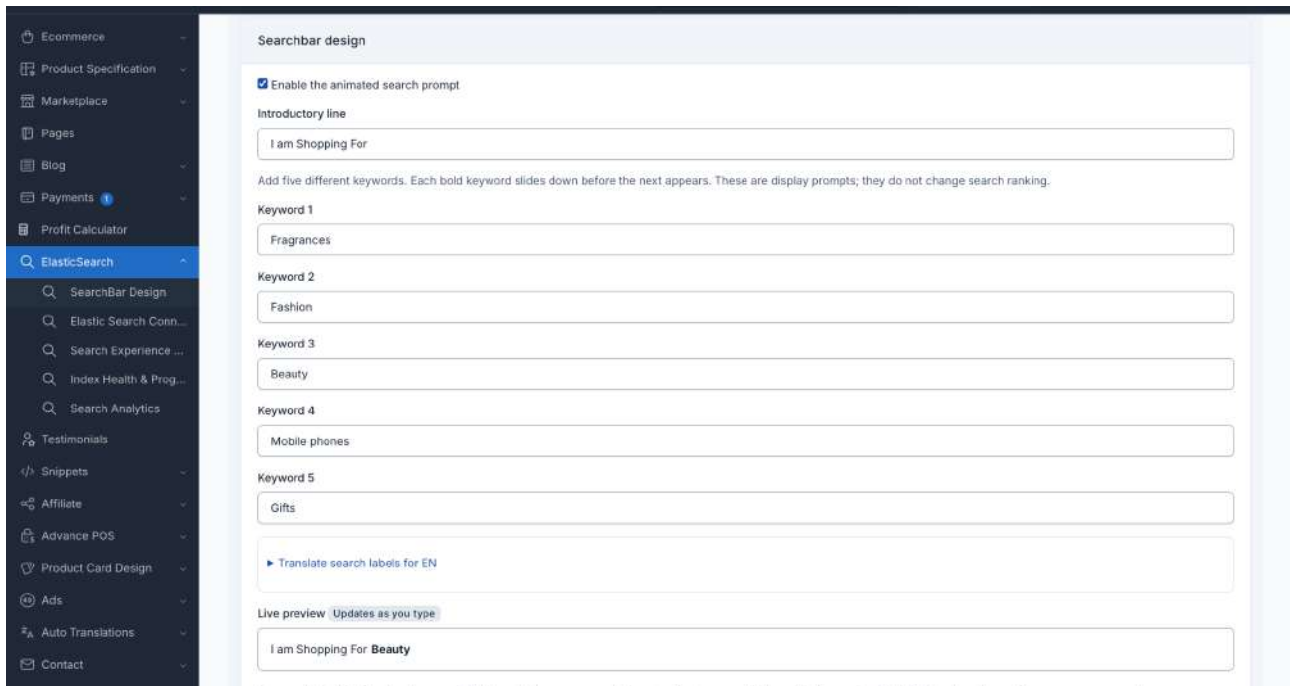
The supplied installation shows a completed rebuild, live alias health and a storefront search-source test.

1. Open **ElasticSearch → Search Experience and privacy** and enable the plugin.
2. Open **ElasticSearch → Index Health & Progress**.
3. Select **Check connection & mapping**. A new installation may report that a rebuild is required.
4. Select **Rebuild product index**.
5. Wait until the rebuild status says **completed**.
6. Check the connection again, then enter a product keyword under **Test search source**.

A successful source test reports **Elasticsearch** and lists matching product suggestions.

Already have an unfinished rebuild? Use Retry / resume after resolving the reported error. A status such as `\reconciling – 232 / 232\` means the initial scan has finished, but final activation is not yet confirmed.

5. Make it yours



Admin - Searchbar Design

Configure the introductory line and five rotating storefront keywords, with a live preview.

\| Admin submenu | What you can manage |

\| :--- | :--- |

\| ****SearchBar Design**** | Introductory line, five animated keywords, language-specific labels and preview |

\| ****Elastic Search Connection**** | Provider, endpoint, index name and credentials |

\| ****Search Experience and privacy**** | Master switch, recent/trending searches, 6/8/10 display limits, analytics, retention and synonyms |

\| ****Index Health & Progress**** | Rebuilds, resumable progress, failed updates, connection checks and search-source testing |

\| ****Search Analytics**** | Aggregate searches, zero-result queries, suggestion clicks and attributed orders |

For example, set your introductory line to ****“I am shopping for”** and your five keywords to **Fragrances, Fashion, Beauty, Phones, Gifts****.

The bold keywords rotate downward while the search field is idle. The prompt hides when shoppers focus the field or type, and reduced-motion preferences are respected.

6. Keep the catalogue current

For background operation, configure your hosting’s Laravel queue worker and scheduler. The plugin registers an `\elasticsearch\maintain\` command with the scheduler.

With the synchronous queue, keep the rebuild page open for browser-driven batches, or use the configured scheduler to advance them. With an asynchronous queue, a running worker is required.

After installation, test desktop and mobile searches, language switching, category filters and a recently updated product.

Why Elasticsearch?

Make your catalogue easier to explore

Your storefront's existing search provides the starting point for product discovery. Elasticsearch adds a dedicated Elasticsearch search layer and a richer search interface for stores that want more control over matching, assistance and search insights.

\| Experience | With the plugin disabled | With Elasticsearch enabled and configured |

\| :--- | :--- | :--- |

\| Search matching | Your theme's existing search behavior | Exact/SKU priorities, prefix matching and typo-tolerant catalogue search |

\| Product discovery | Existing theme suggestions | Product images, names, prices and links in the plugin panel |

\| Returning shoppers | Existing theme history features, if available | Browser-local recent searches with removable entries |

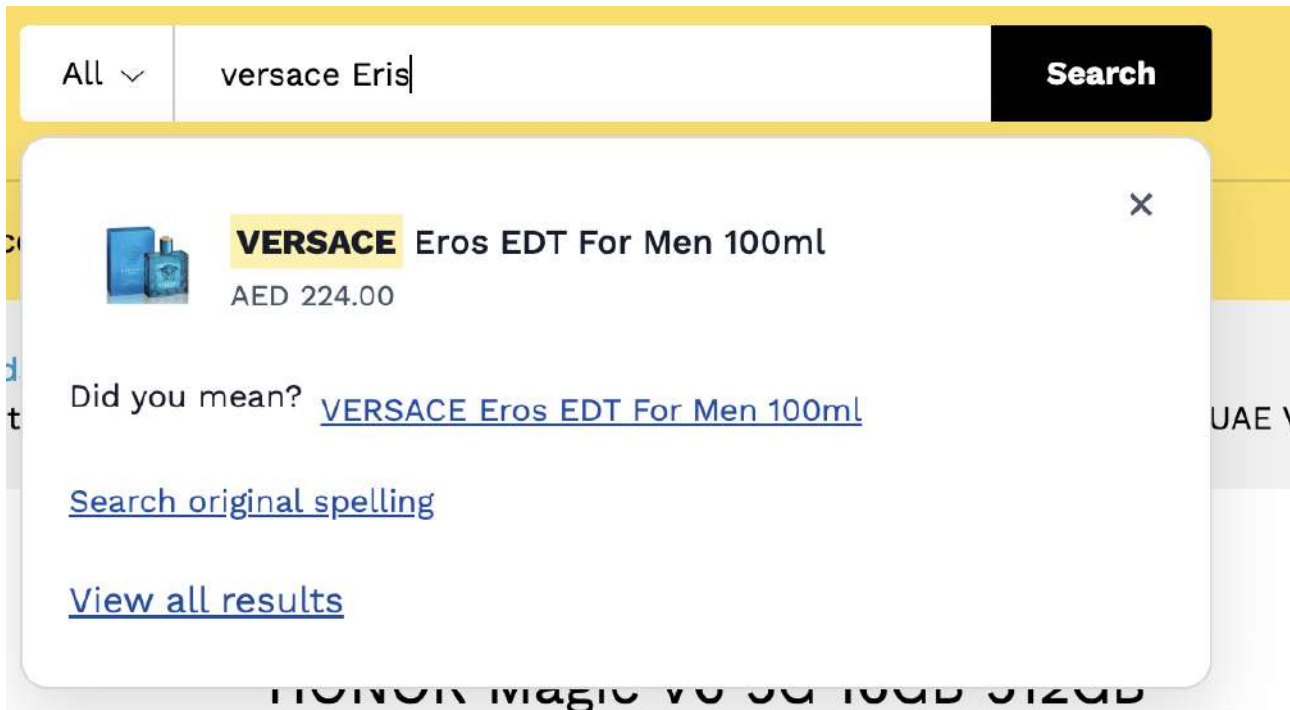
\| Popular searches | Existing theme features, if available | Language-specific trending terms based on eligible recorded searches |

\| Search-bar personality | Your theme's standard prompt | Your introductory line and five animated keywords |

\| Merchant visibility | Existing store reporting | Search analytics, index health and search-source diagnostics |

\| Search service interruptions | Native store search | Native-search fallback when the Elasticsearch path fails |

Small typing mistakes. More opportunities to find the right product.



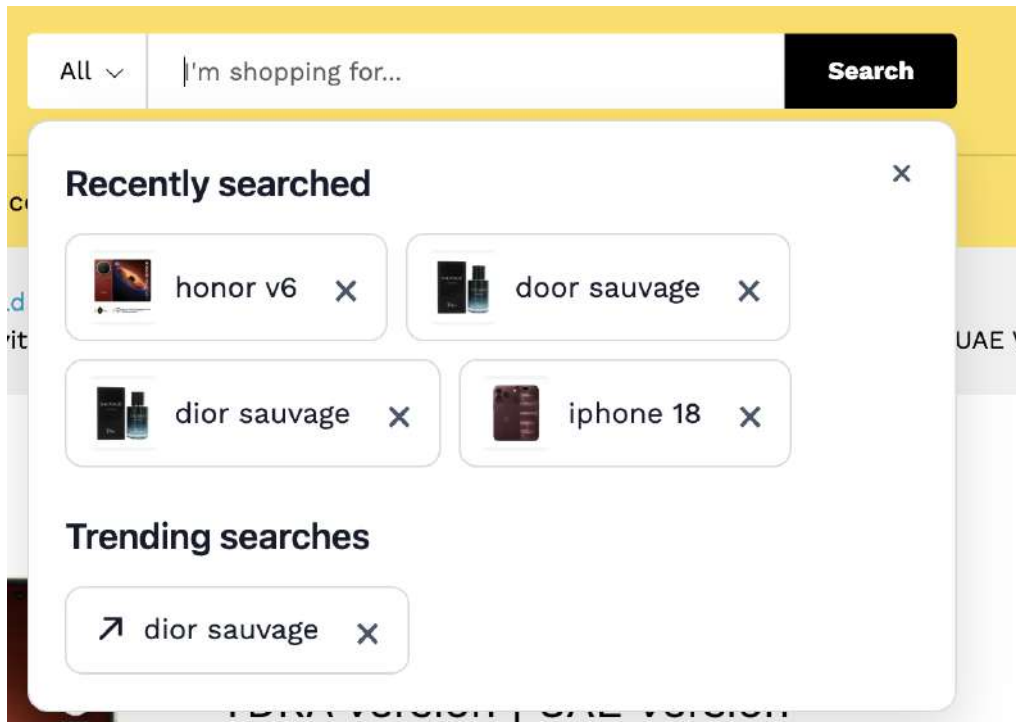
Storefront - "Did you mean?" assistance

A misspelled query can surface a catalogue-validated suggestion while still offering the original spelling.

A shopper might type **"Dior sawage"** while your catalogue contains **"Dior Sauvage EDP."** Elasticsearch uses Elasticsearch's fuzzy matching to help connect common spelling mistakes with indexed products.

Matching depends on your actual catalogue and language analysis; exact names and SKUs receive priority. Controlled synonyms can help with expressions such as ****EDP ↔ eau de parfum****.

A better experience for shoppers and store teams



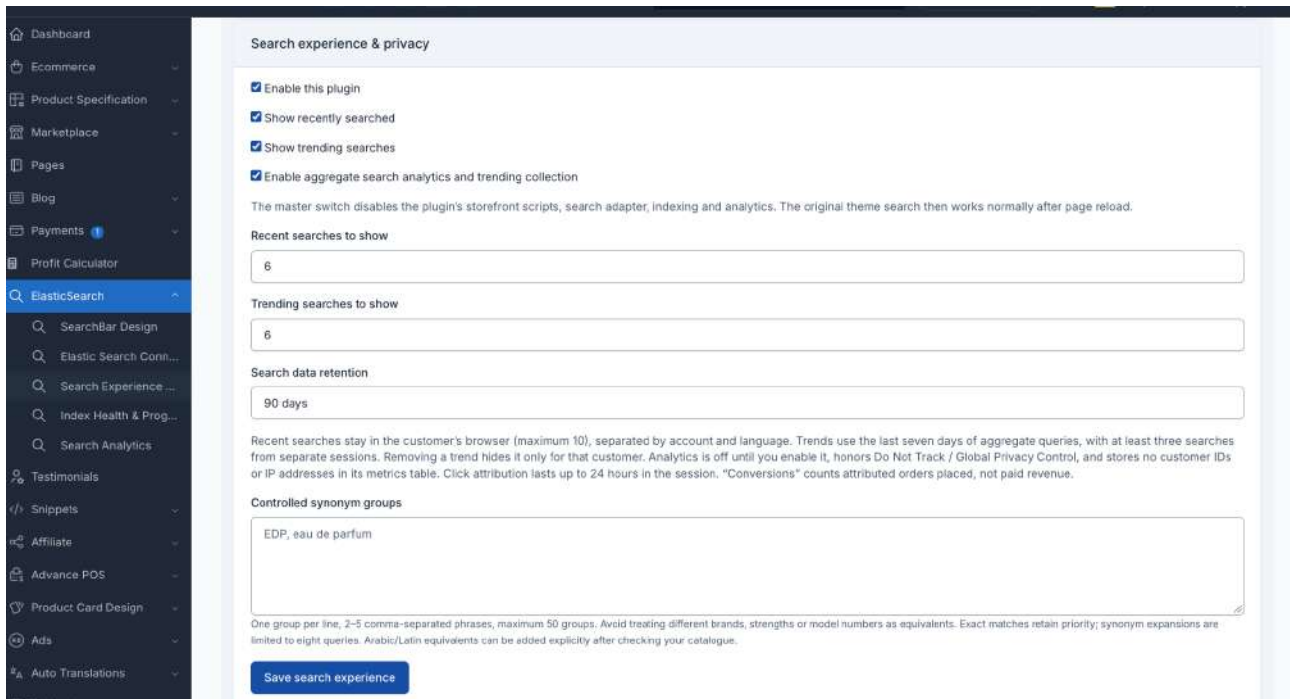
Storefront - Recent and Trending Searches

Browser-local recent searches and eligible trending terms are shown as removable chips.

- **Help customers continue their journey:** recent searches make it easier to return to previous interests.
- **Surface real demand:** trending terms come from recorded activity, rather than invented popularity.
- **Give search your store's voice:** customize the prompt and interface labels by language.
- **Understand missed opportunities:** review zero-result searches to identify catalogue or synonym improvements.
- **Keep product details current:** displayed product details come from the store database.
- **Manage everything in one place:** dedicated sidebar pages make configuration and troubleshooting easier.

The intended result: a more helpful route from a customer's first keyword to a relevant product page. Sales impact and search speed depend on catalogue quality, hosting, Elasticsearch capacity and configuration; neither is guaranteed.

Designed with performance, privacy and SEO in mind



Admin - Search Experience & Privacy

Master enable switch, recent/trending controls, retention and controlled synonym groups.

Elasticsearch includes delayed requests while typing, stale-response cancellation, short-lived search caching, bounded suggestion lists and chunked indexing. Elasticsearch selects matching product IDs while the store database supplies current product details.

Recent searches remain in the shopper's browser. Aggregate analytics are opt-in, support retention settings and honor Do Not Track/Global Privacy Control when recording searches and clicks.

Internal search results and search endpoints receive indexing restrictions. Product/category URLs, canonical tags, structured data and sitemaps remain managed by your theme and existing SEO tools. This plugin does not promise a ranking boost or add automatic GEO/AEO optimization.

Changelog

Version 1.2.2 — 22 September 2026

****More reliable rebuilds. Clearer diagnostics.****

- Fixed existing-index replacement compatibility with Elasticsearch 7.10.2 by removing the unsupported `\must_exist\` option from alias-removal requests.
- Preserved the atomic switch between the previous live index and the rebuilt index.
- Added rebuild error messages identifying the failed stage and HTTP status.
- Added guidance for authentication failures, permissions, request compatibility, resource limits and connectivity issues.
- Preserved safe diagnostics in saved progress and exhausted queue jobs without displaying raw provider responses or credentials.
- Verified that a failed activation keeps its resumable checkpoint and does not advance the successful-sync timestamp.
- Expanded the local regression suite to ****78 checks****, including replacement-index activation and recovery.

- No new database migration required for this patch.

Version 1.2.1 — 22 September 2026

****A dedicated admin home for every search setting.****

- Added the top-level ****ElasticSearch**** sidebar with five separate admin pages.
- Fixed the `\foreach(null)\` repository-ordering error affecting product autocomplete.
- Restored the product-loading path for image, name, price and link suggestions.
- Added live alias document counts to connection diagnostics.
- Added ****Test search source**** to distinguish Elasticsearch results from database fallback.
- Preserved the active reconciliation stage when resuming a rebuild.
- Added checks for independent admin-page scripts and autocomplete responses.

Version 1.2.0 — 22 September 2026

****A richer search experience, from discovery to analytics.****

- Added a master enable/disable switch.
- Added browser-local recent searches and real-activity trending searches with removable chips.
- Added configurable display limits of ****6, 8 or 10**** entries.
- Added image-based product suggestions, matching-word highlighting and keyboard interaction.
- Added built-in interface copy for English, Arabic, Hindi, Bangla, Portuguese, Russian, Spanish and French, with per-locale overrides.
- Added controlled synonym groups and catalogue-validated “Did you mean?” assistance with an original-spelling option.
- Expanded indexing to translated product names, brands, category paths, variant SKUs, price and availability.
- Added resumable rebuilds, queue jobs, retry/backoff and atomic live-index activation.
- Added after-commit product/variation updates and scheduled maintenance for recent catalogue changes.
- Added index progress, failed-update retries and connection/mapping checks.
- Added opt-in aggregate search, zero-result, click and attributed-order analytics with retention controls.
- Added Elasticsearch-side filtering/pagination, short-lived caching and a circuit breaker for repeated service failures.
- Introduced the plugin’s indexing and analytics database tables.

Version 1.1.0 — 22 September 2026

****Search-bar design and integration hardening.****

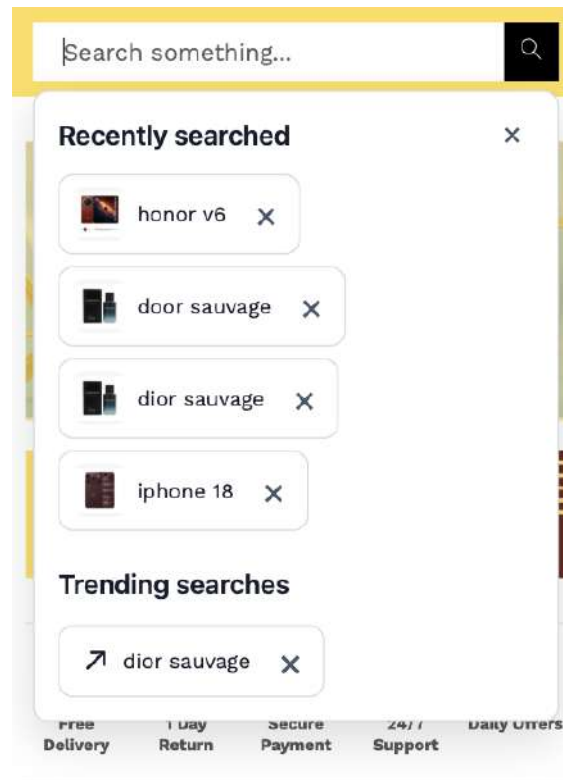
- Added a configurable introductory line and five bold animated keywords with a preview.
- Improved admin contrast for text, cards, buttons, badges and form controls.
- Scoped the search integration to product-search routes.
- Added stronger exact, SKU, prefix and all-word fuzzy matching.
- Preserved customer query text and standard catalogue filtering behavior.
- Improved native-search fallback and validation of Elasticsearch responses.
- Improved bulk acknowledgement checks, catalogue batching and product publication handling.
- Added connection-setting validation, encrypted password storage and safer credential handling.
- Loaded admin permission configuration and declared the Ecommerce dependency.

- Hardened product-ID handling and result rendering.

Version 1.0.0 — Initial release 22 August 2026

- Introduced Elasticsearch integration for Botble product search.
- Included Searchly/private-server connection settings and catalogue synchronization.
- Established the foundation for Elasticsearch-backed product lookup and autocomplete.

Frequently asked questions



Mobile storefront search

The recent/trending panel is responsive for narrow mobile layouts.

Do I need a separate Elasticsearch service?

Yes, for Elasticsearch-powered matching. You can connect a compatible Searchly account or private Elasticsearch server. Hosting and search-provider charges are separate from the plugin.

Does it work with every Botble theme?

The current storefront integration targets the supplied Botble/Martfury source and its search-field markup. Other themes, heavily customized headers or plugins that replace the product repository may require integration work. Contact support with your theme and Botble version before purchasing for a different setup, we will integrate as per your theme.

Is this generative AI search?

No. It uses Elasticsearch catalogue matching, including typo tolerance, prefix matching and configured synonyms. It does not invent products or generate product descriptions.

Will it slow down my website?

The plugin includes measures to limit requests and indexing work, but performance depends on your hosting, catalogue and search service. Measure your store before and after enabling it. The database still supplies current product information; this is not a “zero database load” solution.

Will it change my SEO?

The plugin does not rewrite your product/category metadata or theme files. Internal search pages and endpoints are restricted from indexing. Your existing SEO setup remains responsible for product schema, canonical URLs, sitemaps and language alternates.

When will trending searches appear?

Enable **Show trending searches** and **Enable aggregate search analytics and trending collection**.

A term becomes eligible after at least **three counted searches** in the current seven-calendar-day window, within the same language. Repeating a term in one session counts once per 30 minutes. Customers must submit the search and reach the results page; typing or clicking a suggestion alone does not increase this search count.

Privacy signals may prevent recording. Allow about one minute for server caching, then reload the page. Trending terms you dismissed stay hidden for your browser.

Are recent searches shared between customers?

Recent searches are stored locally in the customer's browser and separated by account and language. They are not automatically synchronized between devices. Up to ten entries are stored, with the selected 6/8/10 limit controlling display.

Does changing language translate every product?

No. The plugin follows supported storefront locales and provides built-in interface copy for eight languages. Admins can override labels by locale. Product translations must exist in the store; arbitrary product names, custom phrases and search keywords are not automatically machine-translated.

Why does a rebuild say “reconciling” after processing every product?

The scan is complete, but the plugin is still applying changes recorded during the rebuild or activating the new index. Only **completed** confirms successful completion. Keep browser-driven rebuilds open, or ensure your queue worker/scheduler is running.

Why is the live document count different from the scanned product count?

Scanned records can include unpublished parent products. The live index is intended to contain published parent products, with variant information included in parent documents. These counts do not need to match.

What should I do if rebuilding fails?

Read the stage and error shown in **Index Health & Progress**. Check connection settings, provider permissions or capacity as indicated, then use **Retry / resume**. Version 1.2.2 includes the Elasticsearch 7.10.2 alias-switch compatibility fix.

How do I confirm Elasticsearch is actually serving results?

Use ****Index Health & Progress → Test search source****. A successful connection alone does not prove that a particular query used Elasticsearch. Unsupported filters, deep pagination or service failures can use the database fallback.

Can I turn the plugin off?

Yes. Disable ****Enable this plugin in Search Experience and privacy****, then reload the storefront. The theme's native search resumes; the master switch does not erase your saved configuration.

What do the order analytics mean?

Attributed orders count orders placed following tracked suggestion interactions within the session attribution window. They are not a report of paid revenue. Analytics do not backfill activity from before collection was enabled.

Are there any search limits?

The current adapter falls back to native search beyond Elasticsearch's 10,000-result window and for certain unsupported complex filters. Provider quotas and available resources also apply. Existing index generations are retained after rebuilds; monitor provider storage and index limits.

How has this version been tested?

Version 1.2.2 passed 78 local regression checks using Laravel HTTP fakes, SQLite and lightweight Botble test doubles, plus PHP syntax checks. Admin views have also undergone rendering/script checks. These are not a certification of every Botble theme or live Elasticsearch environment.

Contact & Support

****Maryam International LLC****

Creators of ****CodeUpp Elasticsearch****

\| Channel | Contact |

\| :--- | :--- |

\| Email | maryaminternationalllc@gmail.com |

\| Website | [****codeupp.xyz****](https://www.codeupp.xyz/) |

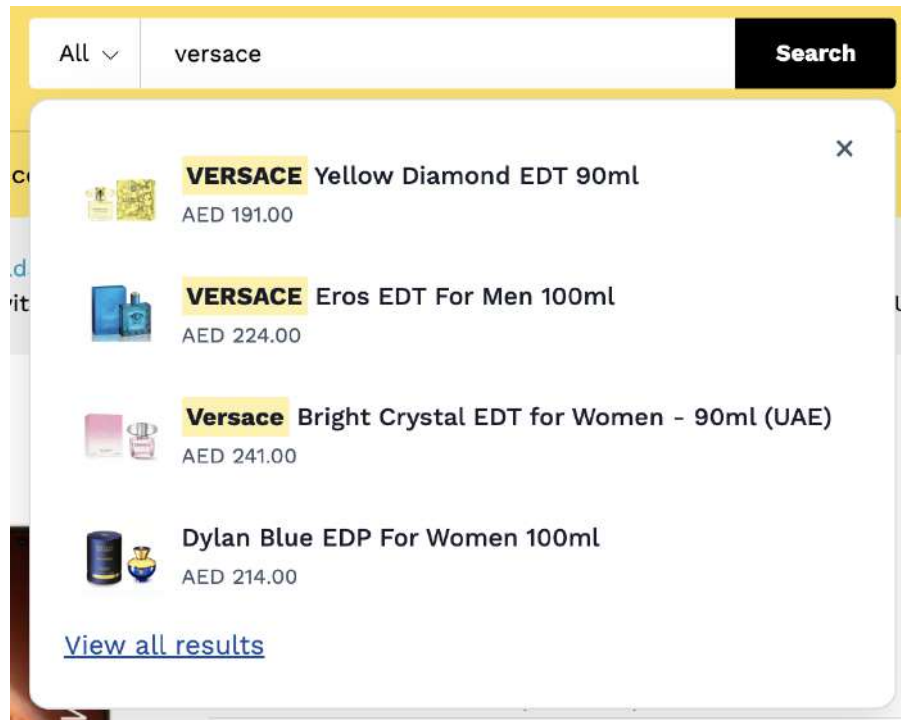
\| WhatsApp | [+971 55 368 2656](https://wa.me/971553682656) |

For faster troubleshooting, include your plugin version, Botble/theme version, Elasticsearch version, the action that failed and the relevant error timestamp. Remove passwords, API keys and customer information from screenshots and logs before sharing.

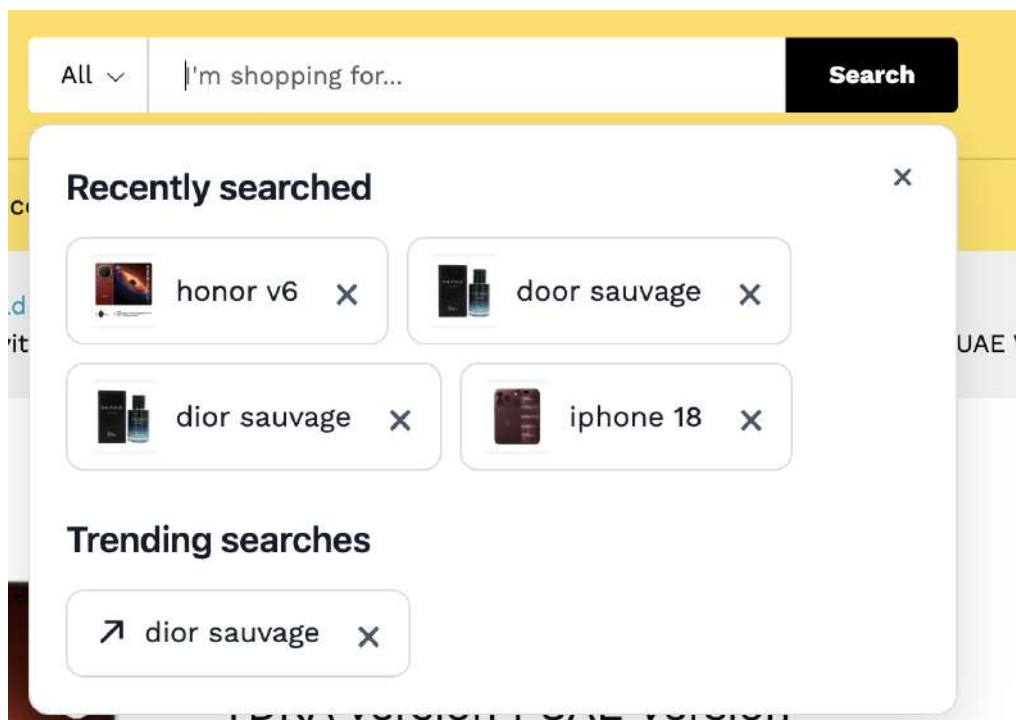
****Make every search a stronger connection between your customers and your catalogue.****

Visual storefront examples

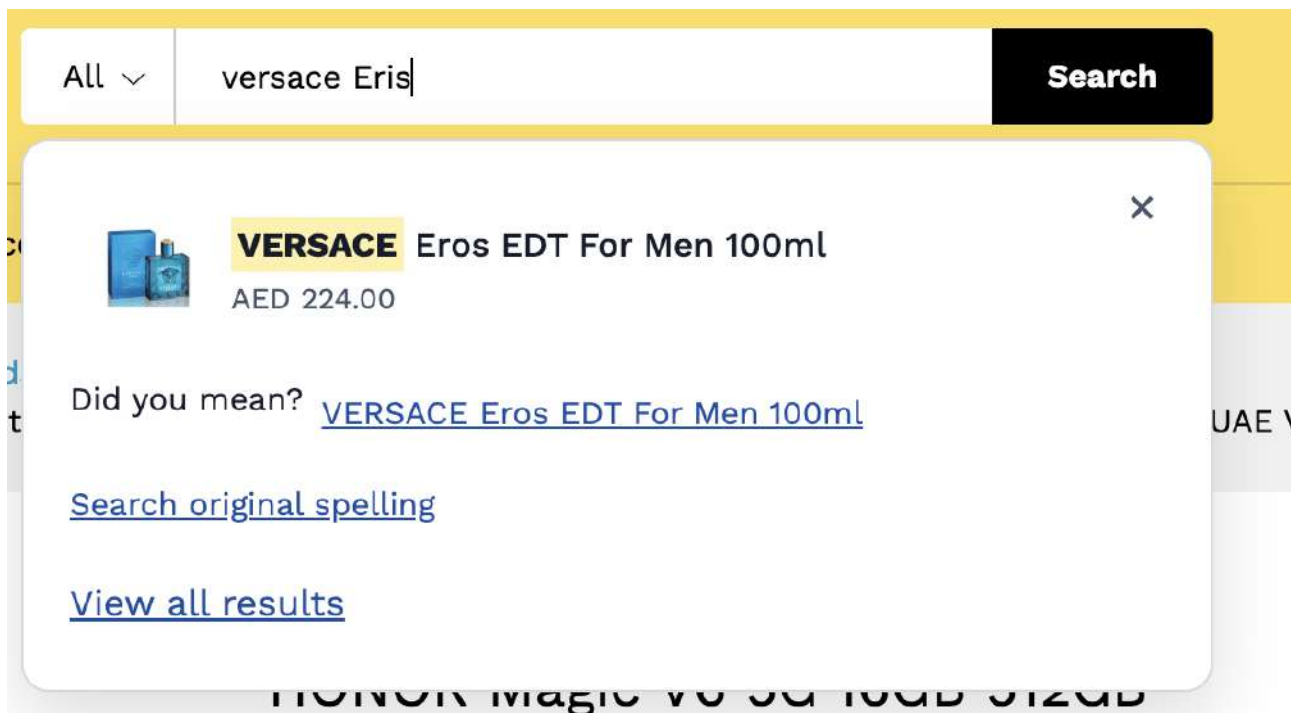
These real storefront captures complement the functional documentation above and show how customers interact with the plugin.



Autocomplete with product images, prices and matching-word emphasis
Example search for “versace” showing product suggestions and a View all results link.

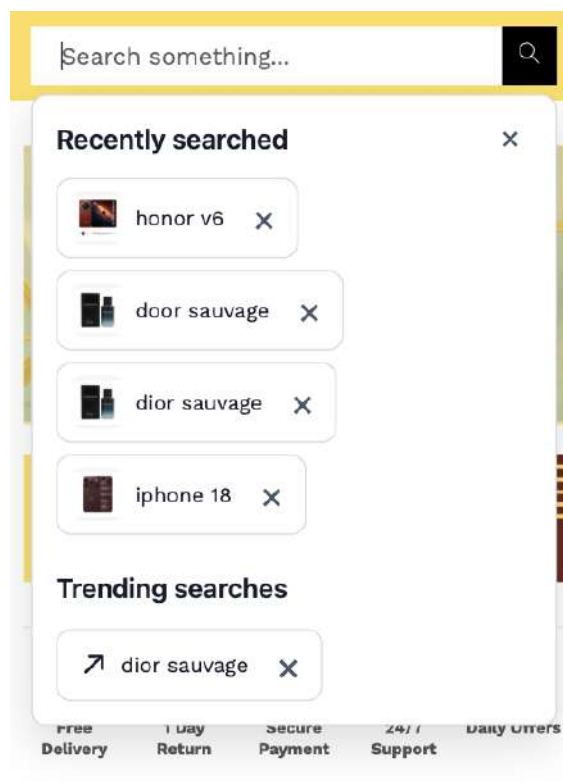


Recent and trending searches
Recent entries are browser-local; trending terms are derived from eligible recorded searches.



Catalogue-validated spelling assistance

The customer can follow the suggested product or search the original spelling.



Responsive mobile search panel

The same discovery experience adapts to narrow screens.

Support checklist

Before contacting support

Include the plugin version, Botble/theme version, Elasticsearch version, the action that failed and the relevant error timestamp. Remove passwords, API keys and customer information from screenshots and logs before sharing.

Developer	Maryam International LLC
Product	CodeUpp Elasticsearch
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Make every search a stronger connection between your customers and your catalogue.