

Seekmodo for MediaWiki

User Guide · Extension v1.0.1

Numinix Technology Inc. · seekmodo.com

Knowledge-base (kb) vertical · GPL-2.0-or-later

1. Overview

Seekmodo replaces MediaWiki's Special:Search ranking with AI-aware retrieval when paired to a Seekmodo tenant, while keeping native MediaWiki / CirrusSearch as a permanent degradation floor. Shopper (reader) clicks train a learning-to-rank model for your wiki only.

Subscription required for AI features. The extension zip is free. AI search needs a Seekmodo plan — 14-day free trial on every plan, then paid plans from \$29/mo (Hobby) at seekmodo.com/pricing.

2. Requirements

- MediaWiki 1.39+ (1.41+ recommended)
- PHP 8.0+ with ext-json, ext-hash, ext-sodium
- Seekmodo account — Knowledge base vertical

3. Install

Extract the release zip so the extension lives at `wikiroot/extensions/Seekmodo/`.

```
wfLoadExtension( 'Seekmodo' );  
// Optional:  
// $wgSeekmodoIndexableNamespaces = [ NS_MAIN, NS_HELP ];  
// $wgSeekmodoTypeaheadUiEnabled = true;
```

Then run:

```
php maintenance/update.php
```

4. Connect & index

As a sysop, open **Special:Seekmodo** → **Connect to Seekmodo**. After pairing, queue a full reindex from the same page, or:

```
php extensions/Seekmodo/maintenance/SeekmodoIndex.php --full  
php maintenance/runJobs.php
```

5. Modes

Mode	Behaviour
off	Native MediaWiki / CirrusSearch only
shadow	Gateway called for telemetry; native results shown
active	Auto-promote shadow ↔ enforce from health
enforce	Seekmodo-ranked Special:Search; native on failure

6. Suggestions & click training

Vector search inputs mount the universal `<seekmodo-suggest>` widget against `/v1/suggest`. Article row clicks and Special:Search result clicks emit linked `search_event_id` beacons so the learning-to-rank model trains on your wiki's behaviour (binary click labels for the kb vertical).

7. Support

Docs: <https://seekmodo.com/plugins/mediawiki>

Support: support@seekmodo.com

Privacy: <https://seekmodo.com/legal/privacy>

Appendix — Install notes

Requirements

- MediaWiki **1.39+** (1.41+ recommended)
- PHP **8.0+** with ``ext-json``, ``ext-hash``, ``ext-sodium``
- A Seekmodo account (seekmodo.com) — choose the **Knowledge base** vertical at signup

Steps

1. Extract the release zip so the extension lives at:

```
...
```

```
wikiroot/extensions/Seekmodo/
```

```
...
```

2. Add to ``LocalSettings.php``:

```
```php
```

```
wfLoadExtension('Seekmodo');
```

```
// Optional:
```

```
// $wgSeekmodoIndexableNamespaces = [NS_MAIN, NS_HELP];
```

```
// $wgSeekmodoTypeaheadUiEnabled = true;
```

```
...
```

3. Run:

```
```bash
```

```
php maintenance/update.php
```

```
...
```

4. As a sysop, open **Special:Seekmodo** → **Connect to Seekmodo**.

5. After pairing, click **Queue full reindex** (or run):

```
```bash
```

```
php extensions/Seekmodo/maintenance/SeekmodoIndex.php --full
```

```
php maintenance/runJobs.php
```

```
...
```

6. On [admin.seekmodo.com](https://admin.seekmodo.com) set mode to ``shadow``, then ``active`` / ``enforce`` when ready.

## Modes

| Mode | Behaviour |

|-----|-----|

| `off` | Native MediaWiki / CirrusSearch only |

| `shadow` | Gateway called for telemetry; native results shown |

| `active` | Auto-promote shadow ↔ enforce from health |

| `enforce` | Seekmodo-ranked Special:Search; native/Enhanced Native on failure |

## LTR

This connector emits `search` (via gateway), linked `click`, and `impression` events with `search\_event\_id`. Knowledge-base tenants use binary click labels (`accept\_binary\_labels=1`) — no cart/purchase events.