

Search General Settings tab

Overview

This tab is the main place to enable and disable search features and attributes

To Access

From the [Search](#) page, click the **General Settings** tab.

Option

Unified search index

Search statistics

Related Topics

- [Search Admin for Older Tiki Versions](#)
- [Search for Users](#)
- [Search Statistics Option](#)
- [Bugs and Wishes](#)

Description

Enables searching for content at the site using a Tiki-managed index.

It's recommended to set a cron job to periodically rebuild the search index.

Enables administrators to collect and view statistics on search activity.

Default

Enabled

Disabled

Option

Users available in search results


Incremental Index Update

Description

Users available within search results. Content related to the user will be included in the index.

☰ None | All | Public

Update the index incrementally as the site content is modified.

 *This may lead to lower performance and accuracy than processing the index on a periodic basis.*

Default

None

Enabled

Option

Search index rebuild memory limit

Description

Temporarily adjust the memory limit to use during Search index rebuild. Depending on the volume of data, some large operations require more memory. Increasing it locally, per operation, allows to keep a lower memory limit globally. Keep in mind that memory usage is still limited to what is available on the server.

 *for example: 256M*

Default

None

Option

Search index rebuild time limit

Description

Temporarily adjust the time limit to use during Search index rebuild. Depending on the volume of data, some requests may take longer. Increase the time limit locally to resolve the issue. Use reasonable values.

 *for example: 30*

Default

None

Option

Unified search engine

Elasticsearch URL

Elasticsearch Authentication

Description

Search engine used to index the content of this Tiki site. Some engines are more suitable for larger sites, but require additional software on the server.

☰ MySQL full-text search | Elasticsearch | Manticore Search

URL of any node in the cluster

When Elasticsearch security module is enabled, user authentication can be set up here.

☰ No Authentication | Basic Authentication

Default

MySQL full-text search

<http://localhost:9200>

None

Option

Elasticsearch User

Elasticsearch Password

Elasticsearch index prefix

Description

HTTP basic authentication user to be sent with each request to Elasticsearch.

HTTP basic authentication password to be sent with each request to Elasticsearch.

The prefix that is used for all indexes for this installation in Elasticsearch

Default

None

None

Tiki_

Option


Elasticsearch current index

Elasticsearch field limit per index

Relation types to index within object.

Description

A new index is created upon rebuilding, and the old one is then destroyed. This setting enables seeing the currently active index.

 *Do not change this value unless you know what you are doing.*

The maximum number of fields per search index in Elasticsearch version 5.x and above

Comma-separated relation types for which objects should be indexed in their related objects.

 *Elasticsearch needed*

Default

None

1000 fields

None

Option

Use MySQL Full-Text Search (fallback)

MySQL use short field names

Description

In case of Elasticsearch is active and unavailable, use MySQL Full-Text Search as fallback

Due to frm file constraints, number of search fields that one index can hold is usually limited to about 1500. This can be exceeded if you have numerous tracker fields. Enabling this option will try to shorten the field names internally that should allow you to use 300-500 more fields. Switching this option requires full index rebuild.

Default

Disabled

Disabled

Option

Restore old MySQL indexes during reindex

Manticore URL

Manticore HTTP(S) Port

Manticore MySQL Port

Manticore index prefix

Description

If set, after the reindex is performed, old table MySQL indexes will be restored to the reindex related table. 🧪

URL of the Manticore search server

Port number for the HTTP(S) interface.

Port number for the MySQL interface.

The prefix that is used for all indexes for this installation in Manticore

Default

Disabled

http://127.0.0.1

9308

9306

Tiki_


Option

Manticore current index

Morphology processing

Description

A new set of indexes are created upon rebuilding, and the old ones are then destroyed. This setting enables seeing the currently active index prefix.

 *Do not change this value unless you know what you are doing.*

Advanced morphology preprocessors to apply in the Manticore index, comma-separated. For example `libstemmer_en,libstemmer_fr`. See Manticore manual for possible values.

Default

None

None

Option

Manticore indexed full-text fields

Default Boolean Operator

Excluded categories

Description

Manticore has a hard-limit of 256 full-text indexed fields per index. If your installation has more, some will be indexed as string attributes and perform the slower regex search. You can add a comma-separated list of fields to always index as full-text here.

Use OR or AND as the default search operator.

☰ AND | OR

List of category IDs to exclude from the search index

Default

title,contents

AND

None

Option

Excluded plugins

Additional plugins searchable by default

Don't index non searchable fields

Description

List of plugin names to exclude while indexing

List of plugin names that are required to additionally include while indexing. Example: fancytable,list,trackerlist,trackerfilter

Indexing will skip adding all tracker fields that are not marked as "searchable". This will free index space but also make it impossible to use those fields in search index queries.

Default

None

attach, box, code, copyrigh...

Disabled

Option

Index forum replies together with initial post

Tokenize version numbers

Description

Forum replies will be indexed together with the initial post as a single document instead of being indexed separately.

Tokenize version number strings so that major versions are found when sub-versions are mentioned. For example, searching for 2.7 would return documents containing 2.7.4, but not 1.2.7.

Default

Enabled

Disabled

Option

Tokenize CamelCase words

Possessive Stemmer

Description

Consider the components of camel-case words as separate tokens, allowing them to be searched individually.

 *Conflicts with Tokenize Version Numbers.*

The possessive stemmer removes possessives (trailing "'s") from words before indexing them.

Default

Disabled

Enabled

Option

Field weights

Description

Allow the field weights to be set that apply when ranking pages in the search results.

The weight is applied only when the field is in the query. To nullify the value of a field, use an insignificant amount, but not 0, which may lead to unexpected behaviors such as stripping of results.

(Add these fields to the "Default content fields" preference below for it to have an effect in a global "content" search)

 *One field per line, field_name:5.3*

Default

title:2.5 allowed_groups:0....

Option

Default content fields

Cache per user and query for Tiki built-in search

Description

All of the content is aggregated in the contents field. For custom weighting to apply, the fields must be included in the query. This option allows other fields to be included in the default content search.

Time in minutes a user has a same query cached applied to Tiki built-in search interface only.

Default

contents, title


0 minutes

Option

Cache result-specific formatted results

Description

Formatted search results such as the ones used in the List plugin will be cached to prevent process-intensive reformatting on each page load. The cache is result-specific.

 *Every different result will generate a separate cache. This could quickly build up a large cache directory. It is recommended to clear Tiki caches often (e.g. once per week) via an automated job if you use this feature.*

Default

Disabled

Option

Cache individual search formatters

LIST plugin cache default on

LIST plugin cache default expiry

Index Tracker Category names

Description

List of search formatters whose output will be cached. This is separate to the result-specific formatted results cache.

If selected, LIST plugins will be cached by default unless turned off at plugin level.

Default number of minutes for LIST plugin cache expiry.

Index the names and paths of category field values

 *Requires reindexing*

Default

None

Disabled

30

Enabled

Option

Use unified search in category admin

Automatically trim Elasticsearch results on
date-sorted query

Show error on missing field

Description

Use unified search to find objects to add to categories. This limits the types of objects available to those included in the unified index.

Automatically trim Elasticsearch results in unified search if the query is sorted by modification or creation date.

When using List plugin to specify certain fields, especially tracker fields, this check helps ensure their names were entered correctly.

Default

Disabled

Disabled

Enabled

Option

Stop Word List

Search index outdated

Automatic indexing of file content

Description

Words excluded from the search index, because they can be too frequent and produce unwanted results.

 *MySQL full-text search has its own list of stop words configured in the server.*

Number of days to consider the search index outdated

Uses command line tools to extract the information from the files based on their MIME types.

Default

a, an, and, are, as, at, be...

2 days

Disabled

Option

Automatic indexing of emails stored as files

Asynchronous indexing

Autocomplete page names

Description

Parses message/rfc822 types of files (aka eml files) and stores individual email headers and content in search index.

Automatically complete page names as the user starts typing. For example the user types the start of the wiki page name "œSear" and Tiki returns "œSearch", "œSearch General Settings", etc 🖋️

Default

Disabled

Enabled

Disabled

Option

Referer search highlighting

File thumbnail preview

Forum name search

Forum content search

Topic content search

Unified search for forums and file galleries

Description

When a user lands on a Tiki page from a search engine, Tiki highlights the search words they used. Its similar to using Tiki's search facility.

Have a preview of attachments in search results

 *When listing forums*

 *When listing forums*

Default

Enabled

Disabled

Disabled

Enabled

Enabled

Enabled

Option

Unified search index

Search statistics

Users available in search results

Description

Enables searching for content at the site using a Tiki-managed index.

It's recommended to set a cron job to periodically rebuild the search index.

Enables administrators to collect and view statistics on search activity.

Users available within search results. Content related to the user will be included in the index.

☰ None | All | Public

Default

Enabled

Disabled

None

Option

Incremental Index Update

Search index rebuild memory limit

Description

Update the index incrementally as the site content is modified.

 *This may lead to lower performance and accuracy than processing the index on a periodic basis.*

Temporarily adjust the memory limit to use during Search index rebuild. Depending on the volume of data, some large operations require more memory. Increasing it locally, per operation, allows to keep a lower memory limit globally. Keep in mind that memory usage is still limited to what is available on the server.

 *for example: 256M*

Default

Enabled

None

Option

Search index rebuild time limit

Unified search engine

Elasticsearch URL

Description

Temporarily adjust the time limit to use during Search index rebuild. Depending on the volume of data, some requests may take longer. Increase the time limit locally to resolve the issue. Use reasonable values.

 *for example: 30*

Search engine used to index the content of this Tiki site. Some engines are more suitable for larger sites, but require additional software on the server.

 MySQL full-text search | Elasticsearch | Manticore Search

URL of any node in the cluster

Default

None

MySQL full-text search

<http://localhost:9200>

Option

Elasticsearch Authentication

Elasticsearch User

Elasticsearch Password

Elasticsearch index prefix

Description

When Elasticsearch security module is enabled, user authentication can be set up here.

☰ No Authentication | Basic Authentication

HTTP basic authentication user to be sent with each request to Elasticsearch.

HTTP basic authentication password to be sent with each request to Elasticsearch.

The prefix that is used for all indexes for this installation in Elasticsearch

Default

None

None

None

Tiki_

Option


Elasticsearch current index

Elasticsearch field limit per index

Relation types to index within object.

Description

A new index is created upon rebuilding, and the old one is then destroyed. This setting enables seeing the currently active index.

 *Do not change this value unless you know what you are doing.*

The maximum number of fields per search index in Elasticsearch version 5.x and above

Comma-separated relation types for which objects should be indexed in their related objects.

 *Elasticsearch needed*

Default

None

1000 fields

None

Option

Use MySQL Full-Text Search (fallback)

MySQL use short field names

Restore old MySQL indexes during reindex

Description

In case of Elasticsearch is active and unavailable, use MySQL Full-Text Search as fallback

Due to frm file constraints, number of search fields that one index can hold is usually limited to about 1500. This can be exceeded if you have numerous tracker fields. Enabling this option will try to shorten the field names internally that should allow you to use 300-500 more fields. Switching this option requires full index rebuild. If set, after the reindex is performed, old table MySQL indexes will be restored to the reindex related table. 🧪

Default

Disabled

Disabled

Disabled

Option

Manticore URL

Manticore HTTP(S) Port

Manticore MySQL Port

Manticore index prefix

Manticore current index

Description

URL of the Manticore search server

Port number for the HTTP(S) interface.

Port number for the MySQL interface.

The prefix that is used for all indexes for this installation in Manticore

A new set of indexes are created upon rebuilding, and the old ones are then destroyed. This setting enables seeing the currently active index prefix.

 *Do not change this value unless you know what you are doing.*

Default

http://127.0.0.1

9308

9306

Tiki_

None

Option

Morphology processing

Manticore indexed full-text fields

Default Boolean Operator

Description

Advanced morphology preprocessors to apply in the Manticore index, comma-separated. For example `libstemmer_en,libstemmer_fr`. See Manticore manual for possible values.

Manticore has a hard-limit of 256 full-text indexed fields per index. If your installation has more, some will be indexed as string attributes and perform the slower regex search. You can add a comma-separated list of fields to always index as full-text here.

Use OR or AND as the default search operator.

☰ AND | OR

Default

None

title,contents

AND

Option

Excluded categories

Excluded plugins

Additional plugins searchable by default

Don't index non searchable fields

Description

List of category IDs to exclude from the search index

List of plugin names to exclude while indexing

List of plugin names that are required to additionally include while indexing. Example:

fancytable,list,trackerlist,trackerfilter

Indexing will skip adding all tracker fields that are not marked as "searchable". This will free index space but also make it impossible to use those fields in search index queries.

Default

None

None

attach, box, code, copyrigh...

Disabled

Option

Index forum replies together with initial post

Tokenize version numbers

Tokenize CamelCase words

Description

Forum replies will be indexed together with the initial post as a single document instead of being indexed separately.

Tokenize version number strings so that major versions are found when sub-versions are mentioned. For example, searching for 2.7 would return documents containing 2.7.4, but not 1.2.7.

Consider the components of camel-case words as separate tokens, allowing them to be searched individually.

 *Conflicts with Tokenize Version Numbers.*

Default

Enabled

Disabled

Disabled

Option

Possessive Stemmer

Field weights

Description

The possessive stemmer removes possessives (trailing "s") from words before indexing them.

Allow the field weights to be set that apply when ranking pages in the search results. The weight is applied only when the field is in the query. To nullify the value of a field, use an insignificant amount, but not 0, which may lead to unexpected behaviors such as stripping of results. (Add these fields to the "Default content fields" preference below for it to have an effect in a global "content" search)

 *One field per line, field_name:5.3*

Default

Enabled

title:2.5 allowed_groups:0....

Option

Default content fields

Cache per user and query for Tiki built-in search

Description

All of the content is aggregated in the contents field. For custom weighting to apply, the fields must be included in the query. This option allows other fields to be included in the default content search.

Time in minutes a user has a same query cached applied to Tiki built-in search interface only.

Default

contents, title

0 minutes


Option

Cache result-specific formatted results

Cache individual search formatters

Description

Formatted search results such as the ones used in the List plugin will be cached to prevent process-intensive reformatting on each page load. The cache is result-specific.

 *Every different result will generate a separate cache. This could quickly build up a large cache directory. It is recommended to clear Tiki caches often (e.g. once per week) via an automated job if you use this feature.*

List of search formatters whose output will be cached. This is separate to the result-specific formatted results cache.

Default

Disabled

None

Option

LIST plugin cache default on

LIST plugin cache default expiry

Format to use for tracker field keys

Index Tracker Category names

Description

If selected, LIST plugins will be cached by default unless turned off at plugin level.

Default number of minutes for LIST plugin cache expiry.

Choose between field IDs and permanent names for the tracker indexing

☰ Permanent name | Field ID (backward compatibility mode with Tiki 7 and 8)

Index the names and paths of category field values

👉 *Requires reindexing*

Default

Disabled

30

Permanent name

Enabled

Option

Use unified search in category admin

Automatically trim Elasticsearch results on date-sorted query

Show error on missing field

Description

Use unified search to find objects to add to categories. This limits the types of objects available to those included in the unified index.

Automatically trim Elasticsearch results in unified search if the query is sorted by modification or creation date.

When using List plugin to specify certain fields, especially tracker fields, this check helps ensure their names were entered correctly.

Default

Disabled

Disabled

Enabled

Option

Stop Word List


Search index outdated

Automatic indexing of file content

Automatic indexing of emails stored as files

Description

Words excluded from the search index, because they can be too frequent and produce unwanted results.

 *MySQL full-text search has its own list of stop words configured in the server.*

Number of days to consider the search index outdated

Uses command line tools to extract the information from the files based on their MIME types.

Parses message/rfc822 types of files (aka eml files) and stores individual email headers and content in search index.

Default

a, an, and, are, as, at, be...

2 days

Disabled

Disabled

Option

Asynchronous indexing

Autocomplete page names

Referer search highlighting

File thumbnail preview

Forum name search

Description

Automatically complete page names as the user starts typing. For example the user types the start of the wiki page name "œSear" and Tiki returns "œSearch", "œSearch General Settings", etc 🗑️

When a user lands on a Tiki page from a search engine, Tiki highlights the search words they used. Its similar to using Tiki's™ search facility.

Have a preview of attachments in search results

👉 *When listing forums*

Default

Enabled

Disabled

Enabled

Disabled

Disabled

Option

Forum content search

Topic content search

Unified search for forums and file galleries

Description

 *When listing forums*

Default

Enabled

Enabled

Enabled

Unable to load the jQuery Sortable Tables feature.

Option

Unified search index

Description

Enables searching for content at the site using a Tiki-managed index.

It's recommended to set a cron job to periodically rebuild the search index.

Default

Enabled

Option

Search statistics

Users available in search results

Incremental Index Update


Description

Enables administrators to collect and view statistics on search activity.

Users available within search results. Content related to the user will be included in the index.

☰ None | All | Public

Update the index incrementally as the site content is modified.

 *This may lead to lower performance and accuracy than processing the index on a periodic basis.*

Default

Disabled

None

Enabled

Option

Search index rebuild memory limit

Description

Temporarily adjust the memory limit to use during Search index rebuild. Depending on the volume of data, some large operations require more memory. Increasing it locally, per operation, allows to keep a lower memory limit globally. Keep in mind that memory usage is still limited to what is available on the server.

 *for example: 256M*

Default

None

Option

Search index rebuild time limit

Unified search engine

Elasticsearch URL

Description

Temporarily adjust the time limit to use during Search index rebuild. Depending on the volume of data, some requests may take longer. Increase the time limit locally to resolve the issue. Use reasonable values.

 *for example: 30*

Search engine used to index the content of this Tiki site. Some engines are more suitable for larger sites, but require additional software on the server.

 MySQL full-text search | Elasticsearch | Manticore Search

URL of any node in the cluster

Default

None

MySQL full-text search

<http://localhost:9200>

Option

Elasticsearch Authentication

Elasticsearch User

Elasticsearch Password

Elasticsearch index prefix

Description

When Elasticsearch security module is enabled, user authentication can be set up here.

☰ No Authentication | Basic Authentication

HTTP basic authentication user to be sent with each request to Elasticsearch.

HTTP basic authentication password to be sent with each request to Elasticsearch.

The prefix that is used for all indexes for this installation in Elasticsearch

Default

None

None

None

Tiki_

Option


Elasticsearch current index

Elasticsearch field limit per index

Relation types to index within object.

Description

A new index is created upon rebuilding, and the old one is then destroyed. This setting enables seeing the currently active index.

 *Do not change this value unless you know what you are doing.*

The maximum number of fields per search index in Elasticsearch version 5.x and above

Comma-separated relation types for which objects should be indexed in their related objects.

 *Elasticsearch needed*

Default

None

1000 fields

None

Option

Use MySQL Full-Text Search (fallback)

MySQL use short field names

Restore old MySQL indexes during reindex

Description

In case of Elasticsearch is active and unavailable, use MySQL Full-Text Search as fallback

Due to frm file constraints, number of search fields that one index can hold is usually limited to about 1500. This can be exceeded if you have numerous tracker fields. Enabling this option will try to shorten the field names internally that should allow you to use 300-500 more fields. Switching this option requires full index rebuild. If set, after the reindex is performed, old table MySQL indexes will be restored to the reindex related table. 🧪

Default

Disabled

Disabled

Disabled

Option

Manticore URL

Manticore HTTP(S) Port

Manticore MySQL Port

Manticore index prefix

Manticore current index

Description

URL of the Manticore search server

Port number for the HTTP(S) interface.

Port number for the MySQL interface.

The prefix that is used for all indexes for this installation in Manticore

A new set of indexes are created upon rebuilding, and the old ones are then destroyed. This setting enables seeing the currently active index prefix.

 *Do not change this value unless you know what you are doing.*

Default

http://127.0.0.1

9308

9306

Tiki_

None

Option

Morphology processing

Manticore indexed full-text fields

Default Boolean Operator

Description

Advanced morphology preprocessors to apply in the Manticore index. See Manticore manual for possible values.

Manticore has a hard-limit of 256 full-text indexed fields per index. If your installation has more, some will be indexed as string attributes and perform the slower regex search. You can add a comma-separated list of fields to always index as full-text here.

Use OR or AND as the default search operator.

☰ AND | OR

Default

None

title,contents

AND

Option

Excluded categories

Excluded plugins

Additional plugins searchable by default

Don't index non searchable fields

Description

List of category IDs to exclude from the search index

List of plugin names to exclude while indexing

List of plugin names that are required to additionally include while indexing. Example:

fancytable,list,trackerlist,trackerfilter

Indexing will skip adding all tracker fields that are not marked as "searchable". This will free index space but also make it impossible to use those fields in search index queries.

Default

None

None

None

Disabled

Option

Index forum replies together with initial post

Tokenize version numbers

Tokenize CamelCase words

Description

Forum replies will be indexed together with the initial post as a single document instead of being indexed separately.

Tokenize version number strings so that major versions are found when sub-versions are mentioned. For example, searching for 2.7 would return documents containing 2.7.4, but not 1.2.7.

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Enabled

Disabled

Disabled

Option

Possessive Stemmer

Field weights

Description

The possessive stemmer removes possessives (trailing "s") from words before indexing them.

Allow the field weights to be set that apply when ranking pages in the search results. The weight is applied only when the field is in the query. To nullify the value of a field, use an insignificant amount, but not 0, which may lead to unexpected behaviors such as stripping of results. (Add these fields to the "Default content fields" preference below for it to have an effect in a global "content" search)

 *One field per line, field_name:5.3*

Default

Enabled

title:2.5 allowed_groups:0....

Option

Default content fields

Cache per user and query for Tiki built-in search

Description

All of the content is aggregated in the contents field. For custom weighting to apply, the fields must be included in the query. This option allows other fields to be included in the default content search.

Time in minutes a user has a same query cached applied to Tiki built-in search interface only.

Default

contents, title

0 minutes


Option

Cache result-specific formatted results

Cache individual search formatters

Description

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List of search formatters whose output will be cached. This is separate to the result-specific formatted results cache.

Default

Disabled

None

Option

LIST plugin cache default on

LIST plugin cache default expiry

Format to use for tracker field keys

Index Tracker Category names

Description

If selected, LIST plugins will be cached by default unless turned off at plugin level.

Default number of minutes for LIST plugin cache expiry.

Choose between field IDs and permanent names for the tracker indexing

☰ Permanent name | Field ID (backward compatibility mode with Tiki 7 and 8)

Index the names and paths of category field values

👉 *Requires reindexing*

Default

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30

Permanent name

Disabled

Option

Use unified search in category admin

Automatically trim Elasticsearch results on date-sorted query

Show error on missing field

Description

Use unified search to find objects to add to categories. This limits the types of objects available to those included in the unified index.

Automatically trim Elasticsearch results in unified search if the query is sorted by modification or creation date.

When using List plugin to specify certain fields, especially tracker fields, this check helps ensure their names were entered correctly.

Default

Disabled

Disabled

Enabled

Option

Stop Word List


Search index outdated

Automatic indexing of file content

Automatic indexing of emails stored as files

Description

Words excluded from the search index, because they can be too frequent and produce unwanted results.

 *MySQL full-text search has its own list of stop words configured in the server.*

Number of days to consider the search index outdated

Uses command line tools to extract the information from the files based on their MIME types.

Parses message/rfc822 types of files (aka eml files) and stores individual email headers and content in search index.

Default

a, an, and, are, as, at, be...

2 days

Disabled

Disabled

Option

Asynchronous indexing

MySQL full-text search

Referer search highlighting

Description

Also known as 'Basic Search'. This search uses the MySQL full-text search feature. The indexation is continuously updated. 🖌️

When a user lands on a Tiki page from a search engine, Tiki highlights the search words they used. Its similar to using Tiki's search facility.

Default

Enabled

Disabled

Enabled


Option

Ignore individual object permissions


Ignore category viewing restrictions

Description

Display items the user may not be entitled to view in search results.

 *Will improve performance, but may show forbidden results.*

Display items the user may not be entitled to view in search results.

 *Will improve performance, but may show forbidden results*

Default

Disabled

Disabled

Option

Autocomplete page names

File thumbnail preview

Forum name search

Forum content search

Topic content search

Unified search for forums and file galleries

Description

Automatically complete page names as the user starts typing. For example the user types the start of the wiki page name "œSear" and Tiki returns "œSearch", "œSearch General Settings", etc 🖋️

Have a preview of attachments in search results

👉 *When listing forums*

👉 *When listing forums*

Default

Disabled

Disabled

Disabled

Enabled

Enabled

Enabled

Unable to load the jQuery Sortable Tables feature.

Option

Unified search index

Search statistics

Users available in search results

Description

Enables searching for content at the site using a Tiki-managed index.

It's recommended to set a cron job to periodically rebuild the search index.

Enables administrators to collect and view statistics on search activity.

Users available within search results. Content related to the user will be included in the index.

☰ None | All | Public

Default

Enabled

Disabled

None

Option

Incremental Index Update

Search index rebuild memory limit

Description

Update the index incrementally as the site content is modified.

 *This may lead to lower performance and accuracy than processing the index on a periodic basis.*

Temporarily adjust the memory limit to use during Search index rebuild. Depending on the volume of data, some large operations require more memory. Increasing it locally, per operation, allows to keep a lower memory limit globally. Keep in mind that memory usage is still limited to what is available on the server.

 *for example: 256M*

Default

Enabled

None

Option

Search index rebuild time limit

Unified search engine

Elasticsearch URL

Description

Temporarily adjust the time limit to use during Search index rebuild. Depending on the volume of data, some requests may take longer. Increase the time limit locally to resolve the issue. Use reasonable values.

 *for example: 30*

Search engine used to index the content of this Tiki site. Some engines are more suitable for larger sites, but require additional software on the server.

 MySQL full-text search | Elasticsearch

URL of any node in the cluster

Default

None

MySQL full-text search

<http://localhost:9200>

Option

Elasticsearch Authentication

Elasticsearch User

Elasticsearch Password

Elasticsearch index prefix

Description

When Elasticsearch security module is enabled, user authentication can be set up here.

☰ No Authentication | Basic Authentication

HTTP basic authentication user to be sent with each request to Elasticsearch.

HTTP basic authentication password to be sent with each request to Elasticsearch.

The prefix that is used for all indexes for this installation in Elasticsearch

Default

None

None

None

Tiki_

Option


Elasticsearch current index

Elasticsearch field limit per index

Relation types to index within object.

Description

A new index is created upon rebuilding, and the old one is then destroyed. This setting enables seeing the currently active index.

 *Do not change this value unless you know what you are doing.*

The maximum number of fields per search index in Elasticsearch version 5.x and above

Comma-separated relation types for which objects should be indexed in their related objects.

 *Elasticsearch needed*

Default

None

1000 fields

None

Option

Use MySQL Full-Text Search (fallback)

MySQL use short field names

Restore old MySQL indexes during reindex

Description

In case of Elasticsearch is active and unavailable, use MySQL Full-Text Search as fallback

Due to frm file constraints, number of search fields that one index can hold is usually limited to about 1500. This can be exceeded if you have numerous tracker fields. Enabling this option will try to shorten the field names internally that should allow you to use 300-500 more fields. Switching this option requires full index rebuild. If set, after the reindex is performed, old table MySQL indexes will be restored to the reindex related table. 🧪

Default

Disabled

Disabled

Disabled

Option

Default Boolean Operator

Excluded categories

Excluded plugins

Exclude all plugins

Except included plugins

Description

Use OR or AND as the default search operator.

☰ AND | OR

List of category IDs to exclude from the search index

List of plugin names to exclude while indexing

Indexing will exclude all plugins.

List of plugin names that are required to be included while indexing, when excluding all. Example:

fancytable,list,trackerlist,trackerfilter

Default

AND

None

None

Enabled

None

Option

Don't index non searchable fields

Index forum replies together with initial post

Tokenize version numbers

Description

Indexing will skip adding all tracker fields that are not marked as "searchable". This will free index space but also make it impossible to use those fields in search index queries.

Forum replies will be indexed together with the initial post as a single document instead of being indexed separately.

Tokenize version number strings so that major versions are found when sub-versions are mentioned. For example, searching for 2.7 would return documents containing 2.7.4, but not 1.2.7.

Default

Disabled

Enabled

Disabled

Option

Tokenize CamelCase words

Possessive Stemmer

Description

Consider the components of camel-case words as separate tokens, allowing them to be searched individually.

 *Conflicts with Tokenize Version Numbers.*

The possessive stemmer removes possessives (trailing "'s") from words before indexing them.

Default

Disabled

Enabled

Option

Field weights

Description

Allow the field weights to be set that apply when ranking pages in the search results. The weight is applied only when the field is in the query. To nullify the value of a field, use an insignificant amount, but not 0, which may lead to unexpected behaviors such as stripping of results. (Add these fields to the "Default content fields" preference below for it to have an effect in a global "content" search)

 *One field per line, field_name:5.3*

Default

title:2.5 allowed_groups:0....

Option

Default content fields

Cache per user and query for Tiki built-in search

Description

All of the content is aggregated in the contents field. For custom weighting to apply, the fields must be included in the query. This option allows other fields to be included in the default content search.

Time in minutes a user has a same query cached applied to Tiki built-in search interface only.

Default

contents, title

0 minutes


Option

Cache result-specific formatted results

Cache individual search formatters

Description

Formatted search results such as the ones used in the List plugin will be cached to prevent process-intensive reformatting on each page load. The cache is result-specific.

 *Every different result will generate a separate cache. This could quickly build up a large cache directory. It is recommended to clear Tiki caches often (e.g. once per week) via an automated job if you use this feature.*

List of search formatters whose output will be cached. This is separate to the result-specific formatted results cache.

Default

Disabled

None

Option

LIST plugin cache default on

LIST plugin cache default expiry

Format to use for tracker field keys

Index Tracker Category names

Description

If selected, LIST plugins will be cached by default unless turned off at plugin level.

Default number of minutes for LIST plugin cache expiry.

Choose between field IDs and permanent names for the tracker indexing

☰ Permanent name | Field ID (backward compatibility mode with Tiki 7 and 8)

Index the names and paths of category field values

👉 *Requires reindexing*

Default

Disabled

30

Permanent name

Disabled

Option

Use unified search in category admin

Automatically trim Elasticsearch results on date-sorted query

Show error on missing field

Description

Use unified search to find objects to add to categories. This limits the types of objects available to those included in the unified index.

Automatically trim Elasticsearch results in unified search if the query is sorted by modification or creation date.

When using List plugin to specify certain fields, especially tracker fields, this check helps ensure their names were entered correctly.

Default

Disabled

Disabled

Enabled

Option

Stop Word List


Search index outdated

Automatic indexing of file content

Automatic indexing of emails stored as files

Description

Words excluded from the search index, because they can be too frequent and produce unwanted results.

 *MySQL full-text search has its own list of stop words configured in the server.*

Number of days to consider the search index outdated

Uses command line tools to extract the information from the files based on their MIME types.

Parses message/rfc822 types of files (aka eml files) and stores individual email headers and content in search index.

Default

a, an, and, are, as, at, be...

2 days

Disabled

Disabled

Option

Asynchronous indexing

MySQL full-text search

Referer search highlighting

Description

Also known as 'Basic Search'. This search uses the MySQL full-text search feature. The indexation is continuously updated. 🖌️

When a user lands on a Tiki page from a search engine, Tiki highlights the search words they used. Its similar to using Tiki's search facility.

Default

Enabled

Disabled

Enabled


Option

Ignore individual object permissions


Ignore category viewing restrictions

Description

Display items the user may not be entitled to view in search results.

 *Will improve performance, but may show forbidden results.*

Display items the user may not be entitled to view in search results.

 *Will improve performance, but may show forbidden results*

Default

Disabled

Disabled

Option

Autocomplete page names

File thumbnail preview

Forum name search

Forum content search

Topic content search

Unified search for forums and file galleries

Description

Automatically complete page names as the user starts typing. For example the user types the start of the wiki page name "œSear" and Tiki returns "œSearch", "œSearch General Settings", etc 🖋️

Have a preview of attachments in search results

👉 *When listing forums*

👉 *When listing forums*

Default

Disabled

Disabled

Disabled

Enabled

Enabled

Enabled

Unable to load the jQuery Sortable Tables feature.

Option

Unified search index

Search statistics

Users available in search results

Description

Enables searching for content at the site using a Tiki-managed index.

It's recommended to set a cron job to periodically rebuild the search index.

Enables administrators to collect and view statistics on search activity.

Users available within search results. Content related to the user will be included in the index.

☰ None | All | Public

Default

Enabled

Disabled

None


Option

Incremental Index Update

Search index rebuild memory limit

Description

Update the index incrementally as the site content is modified.

 *This may lead to lower performance and accuracy than processing the index on a periodic basis.*

Temporarily adjust the memory limit to use during Search index rebuild. Depending on the volume of data, some large operations require more memory. Increasing it locally, per operation, allows to keep a lower memory limit globally. Keep in mind that memory usage is still limited to what is available on the server.

 *for example: 256M*

Default

Enabled

None

Option

Search index rebuild time limit

Unified search engine

Description

Temporarily adjust the time limit to use during Search index rebuild. Depending on the volume of data, some requests may take longer. Increase the time limit locally to resolve the issue. Use reasonable values.

 *for example: 30*

Search engine used to index the content of this Tiki site. Some engines are more suitable for larger sites, but require additional software on the server.

☰ Lucene (PHP implementation) - Deprecated | MySQL full-text search | Elasticsearch

Default

None

MySQL full-text search

Option

Highlight results snippets

Lucene index location

Lucene maximum results

Description

Highlight the result snippet based on the search query to improve user experience.

 *May impact performance*

Path to the location of the Lucene search index. The index must be on a local filesystem with enough space to contain the volume of the database.

Maximum number of results to produce. Results beyond these will need a more refined query to be reached.

Default

Disabled

temp/unified-index

200 results

Option

Lucene maximum result-set limit

Lucene terms per query limit

Description

This is used when calculating result scores and sort order which can lead to "out of memory" errors on large data sets. The default of 1000 is safe with the PHP `memory_limit` set to 128M

 *Maximum size of result set to consider.*

 *0 for unlimited*

Maximum number of terms to be generated. This value may need to be increased in the case of "Terms per query limit is reached" especially with wildcard, range and fuzzy searches.

Default

1000 result sets

1024 terms

Option

Lucene maximum number of buffered documents


Lucene maximum number of merge documents

Description

Number of documents required before the buffered in-memory documents are written into a new segment.

Largest number of documents merged by `addDocument()`. Small values (for example, less than 10,000) are best for interactive indexing, as this limits the length of pauses while indexing to a few seconds.

Larger values are best for batched indexing and speedier searches.

 *Small values (for example, less than 10,000) are best for interactive indexing. Use 0 for the Lucene default, which is practically infinite.*

Default

10 documents

0 merge documents


Option

Lucene merge factor

Elasticsearch URL

Description

How often segment indices are merged by `addDocument()`. With smaller values, less RAM is used while indexing, and searches on unoptimized indices are faster, but indexing speed is slower. With larger values, more RAM is used during indexing, and while searches on unoptimized indices are slower, indexing is faster.

 *Large values (greater than 10) are best for batch index creation, and smaller values (less than 10) for indices that are interactively maintained.*

URL of any node in the cluster

Default

10

<http://localhost:9200>

Option

Elasticsearch index prefix


Elasticsearch current index

Elasticsearch field limit per index

Description

The prefix that is used for all indexes for this installation in Elasticsearch

A new index is created upon rebuilding, and the old one is then destroyed. This setting enables seeing the currently active index.

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Option


Relation types to index within object.

Use MySQL Full-Text Search (fallback)

MySQL use short field names

Description

Comma-separated relation types for which objects should be indexed in their related objects.

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 *One field per line, field_name:5.3*

Default

title:2.5 allowed_groups:0....

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Default content fields

Cache per user and query for Tiki built-in search

Description

All of the content is aggregated in the contents field. For custom weighting to apply, the fields must be included in the query. This option allows other fields to be included in the default content search.

Time in minutes a user has a same query cached applied to Tiki built-in search interface only.

Default

contents, title

0 minutes


Option

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Cache individual search formatters

Description

Formatted search results such as the ones used in the List plugin will be cached to prevent process-intensive reformatting on each page load. The cache is result-specific.

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List of search formatters whose output will be cached. This is separate to the result-specific formatted results cache.

Default

Disabled

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Option

LIST plugin cache default on

LIST plugin cache default expiry

Format to use for tracker field keys

Index Tracker Category names

Description

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Permanent name

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Automatically trim Elasticsearch results in unified search if the query is sorted by modification or creation date.

When using List plugin to specify certain fields, especially tracker fields, this check helps ensure their names were entered correctly.

Default

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Disabled

Enabled

Option

Stop Word List


Search index outdated

Automatic indexing of file content

Asynchronous indexing

Description

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 *MySQL full-text search has its own list of stop words configured in the server.*

Number of days to consider the search index outdated

Uses command line tools to extract the information from the files based on their MIME types.

Default

a, an, and, are, as, at, be...

2 days

Disabled

Enabled

Option

MySQL full-text search

Referer search highlighting

Ignore individual object permissions

Description

Also known as 'Basic Search'. This search uses the MySQL full-text search feature. The indexation is continuously updated. 🗑️

When a user lands on a Tiki page from a search engine, Tiki highlights the search words they used. Its similar to using Tiki's search facility.

Display items the user may not be entitled to view in search results.

⚠️ *Will improve performance, but may show forbidden results.*

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Ignore category viewing restrictions


Autocomplete page names


File thumbnail preview

Forum name search

Description

Display items the user may not be entitled to view in search results.

 *Will improve performance, but may show forbidden results*

Automatically complete page names as the user starts typing. For example the user types the start of the wiki page name "Sear" and Tiki returns "Search", "Search General Settings", etc 

Have a preview of attachments in search results

 *When listing forums*

Default

Disabled

Disabled

Disabled

Disabled

Option

Forum content search

Topic content search

Tiki-indexed search

Use database (full-text) search

Description

 *When listing forums*

Default

Enabled

Enabled

Disabled

Disabled

Unable to load the jQuery Sortable Tables feature.

TIPS

×

Improving search results for tags

On admin/search add `freetags_text` to these prefs:

• **Field weights:**

- `freetags_text`: 2.5
- `title`: 1.5
- `allowed_groups`: 0.0001

