

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.

Related Topics

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

Option	Description	Default
Unified search index	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.	Enabled
Search statistics	Enables administrators to collect and view statistics on search activity.	Disabled
Users available in search results	Users available within search results. Content related to the user will be included in the index.  None All Public	None
Incremental Index Update	Update the index incrementally as the site content is modified.  <i>This may lead to lower performance and accuracy than processing the index on a periodic basis.</i>	Enabled
Search index rebuild memory limit	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. <i>for example: 256M</i>	None
Search index rebuild time limit	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. <i>for example: 30</i>	None
Unified search engine	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	MySQL full-text search
Elasticsearch URL	URL of any node in the cluster	http://localhost:9200

Option	Description	Default
Elasticsearch Authentication	When Elasticsearch security module is enabled, user authentication can be set up here. ☰ No Authentication Basic Authentication	None
Elasticsearch User	HTTP basic authentication user to be sent with each request to Elasticsearch.	None
Elasticsearch Password	HTTP basic authentication password to be sent with each request to Elasticsearch.	None
Elasticsearch index prefix	The prefix that is used for all indexes for this installation in Elasticsearch	Tiki_
Elasticsearch current index	A new index is created upon rebuilding, and the old one is then destroyed. This setting enables seeing the currently active index. <i>Do not change this value unless you know what you are doing.</i>	None
Elasticsearch field limit per index	The maximum number of fields per search index in Elasticsearch version 5.x and above	1000 fields
Relation types to index within object.	Comma-separated relation types for which objects should be indexed in their related objects. <i>Elasticsearch needed</i>	None
Use MySQL Full-Text Search (fallback)	In case of Elasticsearch is active and unavailable, use MySQL Full-Text Search as fallback	Disabled
MySQL use short field names	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.	Disabled
Restore old MySQL indexes during reindex	If set, after the reindex is performed, old table MySQL indexes will be restored to the reindex related table. 🚧	Disabled
Manticore URL	URL of the Manticore search server	http://127.0.0.1
Manticore HTTP(S) Port	Port number for the HTTP(S) interface.	9308
Manticore MySQL Port	Port number for the MySQL interface.	9306

Option	Description	Default
Manticore index prefix	The prefix that is used for all indexes for this installation in Manticore	Tiki_
Manticore current index	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. <i>Do not change this value unless you know what you are doing.</i>	None
Morphology processing	Advanced morphology preprocessors to apply in the Manticore index. See Manticore manual for possible values.	None
Manticore indexed full-text fields	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.	title,contents
Default Boolean Operator	Use OR or AND as the default search operator. ☰ AND OR	AND
Excluded categories	List of category IDs to exclude from the search index	None
Excluded plugins	List of plugin names to exclude while indexing	None
Additional plugins searchable by default	List of plugin names that are required to additionally include while indexing. Example: fancytable,list,trackerlist,trackerfilter	None
Don't index non searchable fields	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.	Disabled
Index forum replies together with initial post	Forum replies will be indexed together with the initial post as a single document instead of being indexed separately.	Enabled
Tokenize version numbers	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.	Disabled
Tokenize CamelCase words	Consider the components of camel-case words as separate tokens, allowing them to be searched individually. ⚠ <i>Conflicts with Tokenize Version Numbers.</i>	Disabled

Option	Description	Default
Possessive Stemmer	The possessive stemmer removes possessives (trailing "s") from words before indexing them.	Enabled
Field weights	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) <i>One field per line, field_name:5.3</i>	title:2.5 allowed_groups:0....
Default content fields	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.	contents, title
Cache per user and query for Tiki built-in search	Time in minutes a user has a same query cached applied to Tiki built-in search interface only.	0 minutes
Cache result-specific formatted results	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. ⚠ <i>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.</i>	Disabled
Cache individual search formatters	List of search formatters whose output will be cached. This is separate to the result-specific formatted results cache.	None
LIST plugin cache default on	If selected, LIST plugins will be cached by default unless turned off at plugin level.	Disabled
LIST plugin cache default expiry	Default number of minutes for LIST plugin cache expiry.	30
Format to use for tracker field keys	Choose between field IDs and permanent names for the tracker indexing ≡ Permanent name Field ID (backward compatibility mode with Tiki 7 and 8)	Permanent name
Index Tracker Category names	Index the names and paths of category field values <i>Requires reindexing</i>	Disabled

Option	Description	Default
Use unified search in category admin	Use unified search to find objects to add to categories. This limits the types of objects available to those included in the unified index.	Disabled
Automatically trim Elasticsearch results on date-sorted query	Automatically trim Elasticsearch results in unified search if the query is sorted by modification or creation date.	Disabled
Show error on missing field	When using List plugin to specify certain fields, especially tracker fields, this check helps ensure their names were entered correctly.	Enabled
Stop Word List	Words excluded from the search index, because they can be too frequent and produce unwanted results. <i>MySQL full-text search has its own list of stop words configured in the server.</i>	a, an, and, are, as, at, be...
Search index outdated	Number of days to consider the search index outdated	2 days
Automatic indexing of file content	Uses command line tools to extract the information from the files based on their MIME types.	Disabled
Automatic indexing of emails stored as files	Parses message/rfc822 types of files (aka eml files) and stores individual email headers and content in search index.	Disabled
Asynchronous indexing		Enabled
MySQL full-text search	Also known as 'Basic Search'. This search uses the MySQL full-text search feature. The indexation is continuously updated.	Disabled
Referer search highlighting	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.	Enabled
Ignore individual object permissions	Display items the user may not be entitled to view in search results. ⚠ Will improve performance, but may show forbidden results.	Disabled
Ignore category viewing restrictions	Display items the user may not be entitled to view in search results. ⚠ Will improve performance, but may show forbidden results	Disabled

Option	Description	Default
Autocomplete page names	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	Disabled
File thumbnail preview	Have a preview of attachments in search results	Disabled
Forum name search	<i>When listing forums</i>	Disabled
Forum content search	<i>When listing forums</i>	Enabled
Topic content search		Enabled
Unified search for forums and file galleries		Enabled

Option	Description	Default
Unified search index	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.	Enabled
Search statistics	Enables administrators to collect and view statistics on search activity.	Disabled
Users available in search results	Users available within search results. Content related to the user will be included in the index. ☰ None All Public	None
Incremental Index Update	Update the index incrementally as the site content is modified. ⚠ <i>This may lead to lower performance and accuracy than processing the index on a periodic basis.</i>	Enabled
Search index rebuild memory limit	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. <i>for example: 256M</i>	None

Option	Description	Default
Search index rebuild time limit	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. <i>for example: 30</i>	None
Unified search engine	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	MySQL full-text search
Elasticsearch URL	URL of any node in the cluster	http://localhost:9200
Elasticsearch Authentication	When Elasticsearch security module is enabled, user authentication can be set up here. ⚙ No Authentication Basic Authentication	None
Elasticsearch User	HTTP basic authentication user to be sent with each request to Elasticsearch.	None
Elasticsearch Password	HTTP basic authentication password to be sent with each request to Elasticsearch.	None
Elasticsearch index prefix	The prefix that is used for all indexes for this installation in Elasticsearch	Tiki_
Elasticsearch current index	A new index is created upon rebuilding, and the old one is then destroyed. This setting enables seeing the currently active index. <i>Do not change this value unless you know what you are doing.</i>	None
Elasticsearch field limit per index	The maximum number of fields per search index in Elasticsearch version 5.x and above	1000 fields
Relation types to index within object.	Comma-separated relation types for which objects should be indexed in their related objects. <i>Elasticsearch needed</i>	None
Use MySQL Full-Text Search (fallback)	In case of Elasticsearch is active and unavailable, use MySQL Full-Text Search as fallback	Disabled
MySQL use short field names	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.	Disabled

Option	Description	Default
Restore old MySQL indexes during reindex	If set, after the reindex is performed, old table MySQL indexes will be restored to the reindex related table. ⚠	Disabled
Default Boolean Operator	Use OR or AND as the default search operator. ☰ AND OR	AND
Excluded categories	List of category IDs to exclude from the search index	None
Excluded plugins	List of plugin names to exclude while indexing	None
Exclude all plugins	Indexing will exclude all plugins.	Enabled
Except included plugins	List of plugin names that are required to be included while indexing, when excluding all. Example: fancytable,list,trackerlist,trackerfilter	None
Don't index non searchable fields	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.	Disabled
Index forum replies together with initial post	Forum replies will be indexed together with the initial post as a single document instead of being indexed separately.	Enabled
Tokenize version numbers	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.	Disabled
Tokenize CamelCase words	Consider the components of camel-case words as separate tokens, allowing them to be searched individually. ⚠ <i>Conflicts with Tokenize Version Numbers.</i>	Disabled
Possessive Stemmer	The possessive stemmer removes possessives (trailing "s") from words before indexing them.	Enabled

Option	Description	Default
Field weights	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) <i>One field per line, field_name:5.3</i>	title:2.5 allowed_groups:0...
Default content fields	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.	contents, title
Cache per user and query for Tiki built-in search	Time in minutes a user has a same query cached applied to Tiki built-in search interface only.	0 minutes
Cache result-specific formatted results	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. ⚠ <i>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.</i>	Disabled
Cache individual search formatters	List of search formatters whose output will be cached. This is separate to the result-specific formatted results cache.	None
LIST plugin cache default on	If selected, LIST plugins will be cached by default unless turned off at plugin level.	Disabled
LIST plugin cache default expiry	Default number of minutes for LIST plugin cache expiry.	30
Format to use for tracker field keys	Choose between field IDs and permanent names for the tracker indexing ≡ Permanent name Field ID (backward compatibility mode with Tiki 7 and 8)	Permanent name
Index Tracker Category names	Index the names and paths of category field values <i>Requires reindexing</i>	Disabled

Option	Description	Default
Use unified search in category admin	Use unified search to find objects to add to categories. This limits the types of objects available to those included in the unified index.	Disabled
Automatically trim Elasticsearch results on date-sorted query	Automatically trim Elasticsearch results in unified search if the query is sorted by modification or creation date.	Disabled
Show error on missing field	When using List plugin to specify certain fields, especially tracker fields, this check helps ensure their names were entered correctly.	Enabled
Stop Word List	Words excluded from the search index, because they can be too frequent and produce unwanted results. <i>MySQL full-text search has its own list of stop words configured in the server.</i>	a, an, and, are, as, at, be...
Search index outdated	Number of days to consider the search index outdated	2 days
Automatic indexing of file content	Uses command line tools to extract the information from the files based on their MIME types.	Disabled
Automatic indexing of emails stored as files	Parses message/rfc822 types of files (aka eml files) and stores individual email headers and content in search index.	Disabled
Asynchronous indexing		Enabled
MySQL full-text search	Also known as 'Basic Search'. This search uses the MySQL full-text search feature. The indexation is continuously updated.	Disabled
Referer search highlighting	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.	Enabled
Ignore individual object permissions	Display items the user may not be entitled to view in search results. ⚠ <i>Will improve performance, but may show forbidden results.</i>	Disabled
Ignore category viewing restrictions	Display items the user may not be entitled to view in search results. ⚠ <i>Will improve performance, but may show forbidden results</i>	Disabled

Option	Description	Default
Autocomplete page names	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	Disabled
File thumbnail preview	Have a preview of attachments in search results	Disabled
Forum name search	<i>When listing forums</i>	Disabled
Forum content search	<i>When listing forums</i>	Enabled
Topic content search		Enabled
Unified search for forums and file galleries		Enabled

Option	Description	Default
Unified search index	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.	Enabled
Search statistics	Enables administrators to collect and view statistics on search activity.	Disabled
Users available in search results	Users available within search results. Content related to the user will be included in the index. ☰ None All Public	None
Incremental Index Update	Update the index incrementally as the site content is modified. ⚠ <i>This may lead to lower performance and accuracy than processing the index on a periodic basis.</i>	Enabled
Search index rebuild memory limit	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. <i>for example: 256M</i>	None

Option	Description	Default
Search index rebuild time limit	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. <i>for example: 30</i>	None
Unified search engine	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	MySQL full-text search
Highlight results snippets	Highlight the result snippet based on the search query to improve user experience. ⚠ <i>May impact performance</i>	Disabled
Lucene index location	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.	temp/unified-index
Lucene maximum results	Maximum number of results to produce. Results beyond these will need a more refined query to be reached.	200 results
Lucene maximum result-set limit	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 <code>memory_limit</code> set to 128M <i>Maximum size of result set to consider.</i> <i>0 for unlimited</i>	1000 result sets
Lucene terms per query limit	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.	1024 terms
Lucene maximum number of buffered documents	Number of documents required before the buffered in-memory documents are written into a new segment.	10 documents
Lucene maximum number of merge documents	Largest number of documents merged by <code>addDocument()</code> . 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. <i>Small values (for example, less than 10,000) are best for interactive indexing. Use 0 for the Lucene default, which is practically infinite.</i>	0 merge documents

Option	Description	Default
Lucene merge factor	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. <i>Large values (greater than 10) are best for batch index creation, and smaller values (less than 10) for indices that are interactively maintained.</i>	10
Elasticsearch URL	URL of any node in the cluster	http://localhost:9200
Elasticsearch index prefix	The prefix that is used for all indexes for this installation in Elasticsearch	Tiki_
Elasticsearch current index	A new index is created upon rebuilding, and the old one is then destroyed. This setting enables seeing the currently active index. <i>Do not change this value unless you know what you are doing.</i>	None
Elasticsearch field limit per index	The maximum number of fields per search index in Elasticsearch version 5.x and above	1000 fields
Relation types to index within object.	Comma-separated relation types for which objects should be indexed in their related objects. <i>Elasticsearch needed</i>	None
Use MySQL Full-Text Search (fallback)	In case of Elasticsearch is active and unavailable, use MySQL Full-Text Search as fallback	Disabled
MySQL use short field names	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.	Disabled
Default Boolean Operator	Use OR or AND as the default search operator. ☰ AND OR	AND
Excluded categories	List of category IDs to exclude from the search index	None
Excluded plugins	List of plugin names to exclude while indexing	None
Exclude all plugins	Indexing will exclude all plugins.	Enabled

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Except included plugins	List of plugin names that are required to be included while indexing, when excluding all. Example: fancytable,list,trackerlist,trackerfilter	None
Don't index non searchable fields	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.	Disabled
Index forum replies together with initial post	Forum replies will be indexed together with the initial post as a single document instead of being indexed separately.	Enabled
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Tokenize CamelCase words	Consider the components of camel-case words as separate tokens, allowing them to be searched individually. ⚠ Conflicts with Tokenize Version Numbers.	Disabled
Possessive Stemmer	The possessive stemmer removes possessives (trailing "s") from words before indexing them.	Enabled
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Search index outdated	Number of days to consider the search index outdated	2 days

Option	Description	Default
Automatic indexing of file content	Uses command line tools to extract the information from the files based on their MIME types.	Disabled
Asynchronous indexing		Enabled
MySQL full-text search	Also known as 'Basic Search'. This search uses the MySQL full-text search feature. The indexation is continuously updated.	Disabled
Referer search highlighting	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.	Enabled
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Autocomplete page names	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	Disabled
File thumbnail preview	Have a preview of attachments in search results	Disabled
Forum name search	<i>When listing forums</i>	Disabled
Forum content search	<i>When listing forums</i>	Enabled
Topic content search		Enabled
Tiki-indexed search		Disabled
Use database (full-text) search		Disabled

