Search Manual

Core Search Settings

Here you can quickly navigate across all functionality settings we have. Please use the list below to navigate.

This section covers all topics, necessary for working with indices, and consists of the following subsections:

Configure Search Indexes

Search Indexes are the most important part of your search subsystem. The purpose of storing an index is to optimize speed and performance in finding relevant documents for a search query. Without an index, the search engine would scan every document on your store, which would require considerable time and computing power.

This section covers all topics, necessary for working with indexes, and consists of the following subsections:

Managing Indexes

Our Magento 2 Elasticsearch Extension or Sphinx Extension can combine all indexes, existing in your configuration, to boost search and give your customers the most relevant results. It brings them all to a single grid, located at **System -> Search Management -> Search Indexes**, from where you can configure them.

Each index, added to this grid, displayes the following properties:

- **Title** - title of the search index.
- **Type** - shows index type (searchable content type - read more at **Adding New Index** subsection).
- **Position** - the position of the index in the search results. Search results will be organized in tabs according to this property.
- **Status** - indicates, whether current index is ready for search. **Disabled** value means, that index will be excluded from search.

Additional **Action** column provides common actions, that can be performed directly from grid, such as:

- **Edit** - edit index settings (default action).
- **Reindex** - run manual reindexing for selected index.
- **Delete** - remove index from Mirasvit Search extension. %

  Note

  This action will completely remove this index from your store, so if you wish index to be excluded from search - just change its status to **Disable**.

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Adding and Configuring New Index

1. To add a new index to Mirasvit Search extension, go to **System -> Search Management -> Search Indexes** and press **Add New Index**.

2. Index record creation are divided into two stages: setting common settings and specific, which depend from their type. Common settings are shown in **General Settings** subsection:

   - **Title** - title of the search index. It will be used as tab header at search display page.
   - **Type** - shows index type (searchable content type). Some values of this field will trigger specific options. Pick a link from type list below to know more:
     - **Magento Indexes**

        - Product
        - Category
        - CMS Page
        - Attribute
    - **Custom Search Indexes**
        - Wordpress Blog
    - **Mirasvit Extensions**
        - Blog MX
        - Knowledge Base
        - Gift Registry
    - **Magefun Blog Extension**
    - **Mageplaza Blog Extension**
    - **Ves Extensions**
        - Blog
        - Ves Brand
    - **Amasty**
        - Blog
        - FAQ
    - **Blackbird Content Manager**
  - **Position** - the position of the index in the search results. Extension will sort tabs on search results page based on position.
  - **Active** - sets, whether index should be activated.

3. Press **Save and Continue Edit** to proceed to index configuration stage.

4. Add **Searchable Attributes** to the type-dependent option list, with rows corresponding to attributes, where extension should conduct search. Each row consist of the following fields:
  - **Attribute** - attribute name. It is picked from properties of selected index type. For example, if **Product** type is selected - then attributes would be **Product Name**, **SKU**, **Price**, **Tax Class** and so on.
  - **Weight** - sort order, which defines importance of each attribute for product relevancy. The maximum weight is 10 (highest priority), the minimum weight is 0(lowest priority). Each index type comes with a predefined set of searchable options, that will be displayed after completing the first stage. There should be **at least one searchable attribute**, otherwise search will not work properly.

5. **Properties** - type-dependent specific options section. Read more below, or pick a link from type values, described in **(2)** step.

6. Save index and activate it to include to search.

On installation three indexes will be automatically created and configured: **Product**, **Category** and **CMS Page** .

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Product Index

Product Index can be created at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

Specific options of this type will be shown on **Properies** section of Index edit page:

- **Search by Parent Categories Name** - include to search all parent categories (useful, when store has wide categories tree).
- **Search by child products** - include to search associated products from Bundled, Grouped and Configurable products.
- **Search by Product ID** - enable search by product id (entity_id attribute, which is not listed as searchable by Magento).
- **Search by custom options** - enable search by custom options (defined additionally to existing ones).
- **Push "out of stock" products to the end** - force sorting of search results by stocks inventory, so 'out of stocks' products will be displayed last.
- **Search only by active categories** - display only products, which are assigned to at least one active category
- **Force sort order by** - overrides default sort order of search results by one of these options:
    - **Relevance** - sorting by maximum relevance with search request
    - **Name** - sorting by names in alphanumeric order.
    - **Creation Time** - sorting by date of adding products to store
    - **Price 0-9** - sorting from cheapest to most expensive.
    - **Price 9-0** - sorting from expensive to cheapest.

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Category Index

Category Index can be created at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

There's no specific options for this type of index.

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CMS Index

CMS Page Index can be created at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

There's only one specific option for this type on **Properies** section of Index edit page:

- **Ignored CMS Pages** - defines, on which CMS pages search should not be performed. You can select zero or more pages here via checkbox drop-down list.

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Attribute Index

Unlike of other indexes, this one can be created only for specific attribute, which should be displayed as separate section in Search Results.

This attribute should be previously enabled for Advanced Search. It can be done at **Stores -> Attributes -> Product** grid. Pick up desired attribute, then jump to **Storefront Properties** subsection and then make them available for search by setting to **Yes** two options: **Use in Search** and **Visible in Advanced Search**.

Note

Attribute index can work only with attributes, that can be **indexed**, e. q. they belong to selectable type.

To see type of Product Attribute, visit **Stores -> Attributes -> Product** grid, pick up attribute record, and see **Catalog Input Type for Store Owner** field. Selectable types are **Multiple Select** and **Dropdown**. Only attributes of this type can be indexed.

If you wish to use attributes like **Author**, or similar, you have to make them selectable first, and then make them available for search as above.

After saving product you can configure Attribute Index for this attribute at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

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Wordpress Blog Search Index

Wordpress Blog Index can be created at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

- **Database Connection Name** - connection name of the wordpress database.
    - If WordPress is installed on the same database, the correct value is `default`.

      Example

      Typical database connection should look similar to this:

```
    'db' => array(
    'table_prefix' => '',
    'connection' => array(
        'default' => array(
            'host' => 'localhost',
            'dbname' => 'store',
            'username' => 'root',
            'password' => 'password',
            'active' => '1',
        ),
    ),
),
```

    - If WordPress is installed on the separate database, you need to create a new connection in file `app/etc/env.php`.

      Example

      A typical separate database connection should look similar to this:

```
'db' => [
'table_prefix' => '',
'connection' => [
    'default' => [
        'host' => 'localhost',
        'dbname' => 'dbname',
        'username' => 'username',
        'password' => 'password',
        'active' => '1',
    ],

'wpconnection' => [

        'host' => 'localhost',
        'dbname' => 'your_wp_dbname',
        'username' => 'username',
        'password' => 'password',
        'active' => '1',
    ]
]
],
'resource' => [
'default_setup' => [
    'connection' => 'default'
],
'wp_setup' => [
    'connection' => 'wpconnection'
]
],
```

- **Table Prefix** - the prefix for the wordpress tables (wp_ by default) or login to MySQL: use your_wp_dbname; show tables;
- **Url Template** - the full URL for your posts with dynamical variables.

  Typical base urls should look like example below below:

  ```
  http://example.com/blog/{post_name}.html
  http://example.com/blog/?p={ID}
  http://example.com/{category_slug}/{post_name}.html
  ```

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Configure Search Indexes

Search Indexes are the most important part of your search subsystem. The purpose of storing an index is to optimize speed and performance in finding relevant documents for a search query. Without an index, the search engine would scan every document on your store, which would require considerable time and computing power.

This section covers all topics, necessary for working with indexes, and consists of the following subsections:

- Product Index
- Category Index
- CMS Page Index
- Attribute Index
- Wordpress Blog Index

Managing Indexes

Our Magento 2 Elasticsearch Extension or Sphinx Extension can combine all indexes, existing in your configuration, to boost search and give your customers the most relevant results. It brings them all to a single grid, located at **System -> Search Management -> Search Indexes**, from where you can configure them.

Each index, added to this grid, displayes the following properties:

- **Title** - title of the search index.
- **Type** - shows index type (searchable content type - read more at **Adding New Index** subsection).
- **Position** - the position of the index in the search results. Search results will be organized in tabs according to this property.
- **Status** - indicates, whether current index is ready for search. **Disabled** value means, that index will be excluded from search.

Additional **Action** column provides common actions, that can be performed directly from grid, such as:

- **Edit** - edit index settings (default action).
- **Reindex** - run manual reindexing for selected index.
- **Delete** - remove index from Mirasvit Search extension. %

  Note

  This action will completely remove this index from your store, so if you wish index to be excluded from search - just change its status to **Disable**.

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Adding and Configuring New Index

1. To add a new index to Mirasvit Search extension, go to **System -> Search Management -> Search Indexes** and press **Add New Index**.

2. Index record creation are divided into two stages: setting common settings and specific, which depend from their type. Common settings are shown in **General Settings** subsection:

   - **Title** - title of the search index. It will be used as tab header at search display page.
   - **Type** - shows index type (searchable content type). Some values of this field will trigger specific options. Pick a link from type list below to know more:
     - **Magento Indexes**
       - Product
       - Category
       - CMS Page
       - Attribute

        - **Custom Search Indexes**
            - Wordpress Blog
        - **Mirasvit Extensions**
            - Blog MX
            - Knowledge Base
            - Gift Registry
        - **Magefun Blog Extension**
        - **Mageplaza Blog Extension**
        - **Ves Extensions**
            - Blog
            - Ves Brand
        - **Amasty**
            - Blog
            - FAQ
        - **Blackbird Content Manager**
    - **Position** - the position of the index in the search results. Extension will sort tabs on search results page based on position.
    - **Active** - sets, whether index should be activated.

3. Press **Save and Continue Edit** to proceed to index configuration stage.

4. Add **Searchable Attributes** to the type-dependent option list, with rows corresponding to attributes, where extension should conduct search. Each row consist of the following fields:
    - **Attribute** - attribute name. It is picked from properties of selected index type. For example, if **Product** type is selected - then attributes would be **Product Name**, **SKU**, **Price**, **Tax Class** and so on.
    - **Weight** - sort order, which defines importance of each attribute for product relevancy. The maximum weight is 10 (highest priority), the minimum weight is 0(lowest priority). Each index type comes with a predefined set of searchable options, that will be displayed after completing the first stage. There should be **at least one searchable attribute**, otherwise search will not work properly.

5. **Properties** - type-dependent specific options section. Read more below, or pick a link from type values, described in **(2)** step.

6. Save index and activate it to include to search.

On installation three indexes will be automatically created and configured: **Product**, **Category** and **CMS Page** .

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Product Index

Product Index can be created at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

Specific options of this type will be shown on **Properies** section of Index edit page:

- **Search by Parent Categories Name** - include to search all parent categories (useful, when store has wide categories tree).
- **Search by child products** - include to search associated products from Bundled, Grouped and Configurable products.

- **Search by Product ID** - enable search by product id (entity_id attribute, which is not listed as searchable by Magento).
- **Search by custom options** - enable search by custom options (defined additionally to existing ones).
- **Push "out of stock" products to the end** - force sorting of search results by stocks inventory, so 'out of stocks' products will be displayed last.
- **Search only by active categories** - display only products, which are assigned to at least one active category
- **Force sort order by** - overrides default sort order of search results by one of these options:
    - **Relevance** - sorting by maximum relevance with search request
    - **Name** - sorting by names in alphanumeric order.
    - **Creation Time** - sorting by date of adding products to store
    - **Price 0-9** - sorting from cheapest to most expensive.
    - **Price 9-0** - sorting from expensive to cheapest.

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Category Index

Category Index can be created at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

There's no specific options for this type of index.

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CMS Index

CMS Page Index can be created at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

There's only one specific option for this type on **Properies** section of Index edit page:

- **Ignored CMS Pages** - defines, on which CMS pages search should not be performed. You can select zero or more pages here via checkbox drop-down list.

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Attribute Index

Unlike of other indexes, this one can be created only for specific attribute, which should be displayed as separate section in Search Results.

This attribute should be previously enabled for Advanced Search. It can be done at **Stores -> Attributes -> Product** grid. Pick up desired attribute, then jump to **Storefront Properties** subsection and then make them available for search by setting to **Yes** two options: **Use in Search** and **Visible in Advanced Search**.

Note

Attribute index can work only with attributes, that can be **indexed**, e. q. they belong to selectable type.

To see type of Product Attribute, visit **Stores -> Attributes -> Product** grid, pick up attribute record, and see **Catalog Input Type for Store Owner** field. Selectable types are **Multiple Select** and **Dropdown**. Only attributes of this type can be indexed.

If you wish to use attributes like **Author**, or similar, you have to make them selectable first, and then make them available for search as above.

After saving product you can configure Attribute Index for this attribute at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

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Wordpress Blog Search Index

Wordpress Blog Index can be created at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

- **Database Connection Name** - connection name of the wordpress database.
    - If WordPress is installed on the same database, the correct value is `default`.

      Example

      Typical database connection should look similar to this:

```
    'db' => array(
    'table_prefix' => '',
    'connection' => array(
        'default' => array(
            'host' => 'localhost',
            'dbname' => 'store',
            'username' => 'root',
            'password' => 'password',
            'active' => '1',
        ),
    ),
   ),
```

    - If WordPress is installed on the separate database, you need to create a new connection in file `app/etc/env.php`.

      Example

      A typical separate database connection should look similar to this:

```
'db' => [
'table_prefix' => '',
'connection' => [
    'default' => [
        'host' => 'localhost',
```

```
            'dbname' => 'dbname',
            'username' => 'username',
            'password' => 'password',
            'active' => '1',
        ],

    'wpconnection' => [

            'host' => 'localhost',
            'dbname' => 'your_wp_dbname',
            'username' => 'username',
            'password' => 'password',
            'active' => '1',
        ]
    ]
    ],
    'resource' => [
    'default_setup' => [
        'connection' => 'default'
    ],
    'wp_setup' => [
        'connection' => 'wpconnection'
    ]
    ],
```

- **Table Prefix** - the prefix for the wordpress tables (wp_ by default) or login to MySQL: use your_wp_dbname; show tables;
- **Url Template** - the full URL for your posts with dynamical variables.

  Typical base urls should look like example below below:

  ```
  http://example.com/blog/{post_name}.html
  http://example.com/blog/?p={ID}
  http://example.com/{category_slug}/{post_name}.html
  ```

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Configure Search Indexes

Search Indexes are the most important part of your search subsystem. The purpose of storing an index is to optimize speed and performance in finding relevant documents for a search query. Without an index, the search engine would scan every document on your store, which would require considerable time and computing power.

This section covers all topics, necessary for working with indexes, and consists of the following subsections:

- Wordpress Blog Index

Managing Indexes

Our Magento 2 Elasticsearch Extension or Sphinx Extension can combine all indexes, existing in your configuration, to boost search and give your customers the most relevant results. It brings them all to a single grid, located at **System -> Search Management -> Search Indexes**, from where you can configure them.

Each index, added to this grid, displayes the following properties:

- **Title** - title of the search index.
- **Type** - shows index type (searchable content type - read more at **Adding New Index** subsection).
- **Position** - the position of the index in the search results. Search results will be organized in tabs according to this property.
- **Status** - indicates, whether current index is ready for search. **Disabled** value means, that index will be excluded from search.

Additional **Action** column provides common actions, that can be performed directly from grid, such as:

- **Edit** - edit index settings (default action).
- **Reindex** - run manual reindexing for selected index.
- **Delete** - remove index from Mirasvit Search extension. %

  Note

  This action will completely remove this index from your store, so if you wish index to be excluded from search - just change its status to **Disable**.

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Adding and Configuring New Index

1. To add a new index to Mirasvit Search extension, go to **System -> Search Management -> Search Indexes** and press **Add New Index**.

2. Index record creation are divided into two stages: setting common settings and specific, which depend from their type. Common settings are shown in **General Settings** subsection:

   - **Title** - title of the search index. It will be used as tab header at search display page.
   - **Type** - shows index type (searchable content type). Some values of this field will trigger specific options. Pick a link from type list below to know more:
     - **Magento Indexes**
       - Product
       - Category
       - CMS Page
       - Attribute
     - **Custom Search Indexes**
       - Wordpress Blog
     - **Mirasvit Extensions**
       - Blog MX

        - Knowledge Base
        - Gift Registry
    - **Magefun Blog Extension**
    - **Mageplaza Blog Extension**
    - **Ves Extensions**
        - Blog
        - Ves Brand
    - **Amasty**
        - Blog
        - FAQ
    - **Blackbird Content Manager**
  - **Position** - the position of the index in the search results. Extension will sort tabs on search results page based on position.
  - **Active** - sets, whether index should be activated.

3. Press **Save and Continue Edit** to proceed to index configuration stage.

4. Add **Searchable Attributes** to the type-dependent option list, with rows corresponding to attributes, where extension should conduct search. Each row consist of the following fields:
   - **Attribute** - attribute name. It is picked from properties of selected index type. For example, if **Product** type is selected - then attributes would be **Product Name**, **SKU**, **Price**, **Tax Class** and so on.
   - **Weight** - sort order, which defines importance of each attribute for product relevancy. The maximum weight is 10 (highest priority), the minimum weight is 0(lowest priority). Each index type comes with a predefined set of searchable options, that will be displayed after completing the first stage. There should be **at least one searchable attribute**, otherwise search will not work properly.

5. **Properties** - type-dependent specific options section. Read more below, or pick a link from type values, described in **(2)** step.

6. Save index and activate it to include to search.

On installation three indexes will be automatically created and configured: **Product**, **Category** and **CMS Page** .

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Product Index

Product Index can be created at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

Specific options of this type will be shown on **Properies** section of Index edit page:

- **Search by Parent Categories Name** - include to search all parent categories (useful, when store has wide categories tree).
- **Search by child products** - include to search associated products from Bundled, Grouped and Configurable products.
- **Search by Product ID** - enable search by product id (entity_id attribute, which is not listed as searchable by Magento).
- **Search by custom options** - enable search by custom options (defined additionally to existing ones).

- **Push "out of stock" products to the end** - force sorting of search results by stocks inventory, so 'out of stocks' products will be displayed last.
- **Search only by active categories** - display only products, which are assigned to at least one active category
- **Force sort order by** - overrides default sort order of search results by one of these options:
    - **Relevance** - sorting by maximum relevance with search request
    - **Name** - sorting by names in alphanumeric order.
    - **Creation Time** - sorting by date of adding products to store
    - **Price 0-9** - sorting from cheapest to most expensive.
    - **Price 9-0** - sorting from expensive to cheapest.

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Category Index

Category Index can be created at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

There's no specific options for this type of index.

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CMS Index

CMS Page Index can be created at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

There's only one specific option for this type on **Properies** section of Index edit page:

- **Ignored CMS Pages** - defines, on which CMS pages search should not be performed. You can select zero or more pages here via checkbox drop-down list.

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Attribute Index

Unlike of other indexes, this one can be created only for specific attribute, which should be displayed as separate section in Search Results.

This attribute should be previously enabled for Advanced Search. It can be done at **Stores -> Attributes -> Product** grid. Pick up desired attribute, then jump to **Storefront Properties** subsection and then make them available for search by setting to **Yes** two options: **Use in Search** and **Visible in Advanced Search**.

Note

Attribute index can work only with attributes, that can be **indexed**, e. q. they belong to selectable type.

To see type of Product Attribute, visit **Stores -> Attributes -> Product** grid, pick up attribute record, and see **Catalog Input Type for Store Owner** field. Selectable types are **Multiple Select** and **Dropdown**. Only

attributes of this type can be indexed.

If you wish to use attributes like **Author**, or similar, you have to make them selectable first, and then make them available for search as above.

After saving product you can configure Attribute Index for this attribute at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

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Wordpress Blog Search Index

Wordpress Blog Index can be created at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

- **Database Connection Name** - connection name of the wordpress database.
    - If WordPress is installed on the same database, the correct value is `default`.

      Example

      Typical database connection should look similar to this:

```
    'db' => array(
    'table_prefix' => '',
    'connection' => array(
        'default' => array(
            'host' => 'localhost',
            'dbname' => 'store',
            'username' => 'root',
            'password' => 'password',
            'active' => '1',
        ),
    ),
),
```

    - If WordPress is installed on the separate database, you need to create a new connection in file `app/etc/env.php`.

      Example

      A typical separate database connection should look similar to this:

```
'db' => [
'table_prefix' => '',
'connection' => [
    'default' => [
        'host' => 'localhost',
        'dbname' => 'dbname',
        'username' => 'username',
```

```
            'password' => 'password',
            'active' => '1',
        ],

    'wpconnection' => [

            'host' => 'localhost',
            'dbname' => 'your_wp_dbname',
            'username' => 'username',
            'password' => 'password',
            'active' => '1',
        ]
    ]
    ],
    'resource' => [
    'default_setup' => [
        'connection' => 'default'
    ],
    'wp_setup' => [
        'connection' => 'wpconnection'
    ]
    ],
```

- **Table Prefix** - the prefix for the wordpress tables (wp_ by default) or login to MySQL: use your_wp_dbname; show tables;
- **Url Template** - the full URL for your posts with dynamical variables.

  Typical base urls should look like example below below:

  ```
  http://example.com/blog/{post_name}.html
  http://example.com/blog/?p={ID}
  http://example.com/{category_slug}/{post_name}.html
  ```

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- **Type** - shows index type (searchable content type - read more at **Adding New Index** subsection).
- **Position** - the position of the index in the search results. Search results will be organized in tabs according to this property.
- **Status** - indicates, whether current index is ready for search. **Disabled** value means, that index will be excluded from search.

Additional **Action** column provides common actions, that can be performed directly from grid, such as:

- **Edit** - edit index settings (default action).
- **Reindex** - run manual reindexing for selected index.
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  Note

  This action will completely remove this index from your store, so if you wish index to be excluded from search - just change its status to **Disable**.

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Adding and Configuring New Index

1. To add a new index to Mirasvit Search extension, go to **System -> Search Management -> Search Indexes** and press **Add New Index**.

2. Index record creation are divided into two stages: setting common settings and specific, which depend from their type. Common settings are shown in **General Settings** subsection:

   - **Title** - title of the search index. It will be used as tab header at search display page.
   - **Type** - shows index type (searchable content type). Some values of this field will trigger specific options. Pick a link from type list below to know more:
     - **Magento Indexes**
       - Product
       - Category
       - CMS Page
       - Attribute
     - **Custom Search Indexes**
       - Wordpress Blog
     - **Mirasvit Extensions**
       - Blog MX
       - Knowledge Base
       - Gift Registry

        - **Magefun Blog Extension**
        - **Mageplaza Blog Extension**
        - **Ves Extensions**
            - Blog
            - Ves Brand
        - **Amasty**
            - Blog
            - FAQ
        - **Blackbird Content Manager**
    - **Position** - the position of the index in the search results. Extension will sort tabs on search results page based on position.
    - **Active** - sets, whether index should be activated.

3. Press **Save and Continue Edit** to proceed to index configuration stage.

4. Add **Searchable Attributes** to the type-dependent option list, with rows corresponding to attributes, where extension should conduct search. Each row consist of the following fields:
    - **Attribute** - attribute name. It is picked from properties of selected index type. For example, if **Product** type is selected - then attributes would be **Product Name**, **SKU**, **Price**, **Tax Class** and so on.
    - **Weight** - sort order, which defines importance of each attribute for product relevancy. The maximum weight is 10 (highest priority), the minimum weight is 0(lowest priority). Each index type comes with a predefined set of searchable options, that will be displayed after completing the first stage. There should be **at least one searchable attribute**, otherwise search will not work properly.

5. **Properties** - type-dependent specific options section. Read more below, or pick a link from type values, described in **(2)** step.

6. Save index and activate it to include to search.

On installation three indexes will be automatically created and configured: **Product**, **Category** and **CMS Page** .

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Product Index

Product Index can be created at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

Specific options of this type will be shown on **Properies** section of Index edit page:

- **Search by Parent Categories Name** - include to search all parent categories (useful, when store has wide categories tree).
- **Search by child products** - include to search associated products from Bundled, Grouped and Configurable products.
- **Search by Product ID** - enable search by product id (entity_id attribute, which is not listed as searchable by Magento).
- **Search by custom options** - enable search by custom options (defined additionally to existing ones).
- **Push "out of stock" products to the end** - force sorting of search results by stocks inventory, so 'out of stocks' products will be displayed last.

- **Search only by active categories** - display only products, which are assigned to at least one active category
- **Force sort order by** - overrides default sort order of search results by one of these options:
    - **Relevance** - sorting by maximum relevance with search request
    - **Name** - sorting by names in alphanumeric order.
    - **Creation Time** - sorting by date of adding products to store
    - **Price 0-9** - sorting from cheapest to most expensive.
    - **Price 9-0** - sorting from expensive to cheapest.

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Category Index

Category Index can be created at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

There's no specific options for this type of index.

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CMS Index

CMS Page Index can be created at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

There's only one specific option for this type on **Properies** section of Index edit page:

- **Ignored CMS Pages** - defines, on which CMS pages search should not be performed. You can select zero or more pages here via checkbox drop-down list.

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Attribute Index

Unlike of other indexes, this one can be created only for specific attribute, which should be displayed as separate section in Search Results.

This attribute should be previously enabled for Advanced Search. It can be done at **Stores -> Attributes -> Product** grid. Pick up desired attribute, then jump to **Storefront Properties** subsection and then make them available for search by setting to **Yes** two options: **Use in Search** and **Visible in Advanced Search**.

Note

Attribute index can work only with attributes, that can be **indexed**, e. q. they belong to selectable type.

To see type of Product Attribute, visit **Stores -> Attributes -> Product** grid, pick up attribute record, and see **Catalog Input Type for Store Owner** field. Selectable types are **Multiple Select** and **Dropdown**. Only attributes of this type can be indexed.

If you wish to use attributes like **Author**, or similar, you have to make them selectable first, and then make them available for search as above.

After saving product you can configure Attribute Index for this attribute at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

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Wordpress Blog Search Index

Wordpress Blog Index can be created at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

- **Database Connection Name** - connection name of the wordpress database.
    - If WordPress is installed on the same database, the correct value is `default`.

      Example

      Typical database connection should look similar to this:

```
    'db' => array(
    'table_prefix' => '',
    'connection' => array(
        'default' => array(
            'host' => 'localhost',
            'dbname' => 'store',
            'username' => 'root',
            'password' => 'password',
            'active' => '1',
        ),
    ),
   ),
```

    - If WordPress is installed on the separate database, you need to create a new connection in file `app/etc/env.php`.

      Example

      A typical separate database connection should look similar to this:

```
'db' => [
'table_prefix' => '',
'connection' => [
    'default' => [
        'host' => 'localhost',
        'dbname' => 'dbname',
        'username' => 'username',
        'password' => 'password',
        'active' => '1',
```

```
        ],

    'wpconnection' => [

            'host' => 'localhost',
            'dbname' => 'your_wp_dbname',
            'username' => 'username',
            'password' => 'password',
            'active' => '1',
        ]
    ]
    ],
    'resource' => [
    'default_setup' => [
        'connection' => 'default'
    ],
    'wp_setup' => [
        'connection' => 'wpconnection'
    ]
    ],
```

- **Table Prefix** - the prefix for the wordpress tables (wp_ by default) or login to MySQL: use your_wp_dbname; show tables;
- **Url Template** - the full URL for your posts with dynamical variables.

  Typical base urls should look like example below below:

  ```
  http://example.com/blog/{post_name}.html
  http://example.com/blog/?p={ID}
  http://example.com/{category_slug}/{post_name}.html
  ```

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Configure Search Indexes

Search Indexes are the most important part of your search subsystem. The purpose of storing an index is to optimize speed and performance in finding relevant documents for a search query. Without an index, the search engine would scan every document on your store, which would require considerable time and computing power.

This section covers all topics, necessary for working with indexes, and consists of the following subsections:

Managing Indexes

Our Magento 2 Elasticsearch Extension or Sphinx Extension can combine all indexes, existing in your configuration, to boost search and give your customers the most relevant results. It brings them all to a single grid, located at **System -> Search Management -> Search Indexes**, from where you can configure them.

Each index, added to this grid, displayes the following properties:

- **Title** - title of the search index.
- **Type** - shows index type (searchable content type - read more at **Adding New Index** subsection).
- **Position** - the position of the index in the search results. Search results will be organized in tabs according to this property.
- **Status** - indicates, whether current index is ready for search. **Disabled** value means, that index will be excluded from search.

Additional **Action** column provides common actions, that can be performed directly from grid, such as:

- **Edit** - edit index settings (default action).
- **Reindex** - run manual reindexing for selected index.
- **Delete** - remove index from Mirasvit Search extension. %

  Note

  This action will completely remove this index from your store, so if you wish index to be excluded from search - just change its status to **Disable**.

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Adding and Configuring New Index

1. To add a new index to Mirasvit Search extension, go to **System -> Search Management -> Search Indexes** and press **Add New Index**.

2. Index record creation are divided into two stages: setting common settings and specific, which depend from their type. Common settings are shown in **General Settings** subsection:

   - **Title** - title of the search index. It will be used as tab header at search display page.
   - **Type** - shows index type (searchable content type). Some values of this field will trigger specific options. Pick a link from type list below to know more:
     - **Magento Indexes**
       - Product
       - Category
       - CMS Page
       - Attribute
     - **Custom Search Indexes**
       - Wordpress Blog
     - **Mirasvit Extensions**
       - Blog MX
       - Knowledge Base
       - Gift Registry
     - **Magefun Blog Extension**

        - **Mageplaza Blog Extension**
        - **Ves Extensions**
            - Blog
            - Ves Brand
        - **Amasty**
            - Blog
            - FAQ
        - **Blackbird Content Manager**
    - **Position** - the position of the index in the search results. Extension will sort tabs on search results page based on position.
    - **Active** - sets, whether index should be activated.

3. Press **Save and Continue Edit** to proceed to index configuration stage.

4. Add **Searchable Attributes** to the type-dependent option list, with rows corresponding to attributes, where extension should conduct search. Each row consist of the following fields:
    - **Attribute** - attribute name. It is picked from properties of selected index type. For example, if **Product** type is selected - then attributes would be **Product Name**, **SKU**, **Price**, **Tax Class** and so on.
    - **Weight** - sort order, which defines importance of each attribute for product relevancy. The maximum weight is 10 (highest priority), the minimum weight is 0(lowest priority). Each index type comes with a predefined set of searchable options, that will be displayed after completing the first stage. There should be **at least one searchable attribute**, otherwise search will not work properly.

5. **Properties** - type-dependent specific options section. Read more below, or pick a link from type values, described in **(2)** step.

6. Save index and activate it to include to search.

On installation three indexes will be automatically created and configured: **Product**, **Category** and **CMS Page** .

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Product Index

Product Index can be created at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

Specific options of this type will be shown on **Properies** section of Index edit page:

- **Search by Parent Categories Name** - include to search all parent categories (useful, when store has wide categories tree).
- **Search by child products** - include to search associated products from Bundled, Grouped and Configurable products.
- **Search by Product ID** - enable search by product id (entity_id attribute, which is not listed as searchable by Magento).
- **Search by custom options** - enable search by custom options (defined additionally to existing ones).
- **Push "out of stock" products to the end** - force sorting of search results by stocks inventory, so 'out of stocks' products will be displayed last.
- **Search only by active categories** - display only products, which are assigned to at least one active category

- **Force sort order by** - overrides default sort order of search results by one of these options:
  - **Relevance** - sorting by maximum relevance with search request
  - **Name** - sorting by names in alphanumeric order.
  - **Creation Time** - sorting by date of adding products to store
  - **Price 0-9** - sorting from cheapest to most expensive.
  - **Price 9-0** - sorting from expensive to cheapest.

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Category Index

Category Index can be created at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

There's no specific options for this type of index.

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CMS Index

CMS Page Index can be created at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

There's only one specific option for this type on **Properies** section of Index edit page:

- **Ignored CMS Pages** - defines, on which CMS pages search should not be performed. You can select zero or more pages here via checkbox drop-down list.

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Attribute Index

Unlike of other indexes, this one can be created only for specific attribute, which should be displayed as separate section in Search Results.

This attribute should be previously enabled for Advanced Search. It can be done at **Stores -> Attributes -> Product** grid. Pick up desired attribute, then jump to **Storefront Properties** subsection and then make them available for search by setting to **Yes** two options: **Use in Search** and **Visible in Advanced Search**.

Note

Attribute index can work only with attributes, that can be **indexed**, e. q. they belong to selectable type.

To see type of Product Attribute, visit **Stores -> Attributes -> Product** grid, pick up attribute record, and see **Catalog Input Type for Store Owner** field. Selectable types are **Multiple Select** and **Dropdown**. Only attributes of this type can be indexed.

If you wish to use attributes like **Author**, or similar, you have to make them selectable first, and then make them available for search as above.

After saving product you can configure Attribute Index for this attribute at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

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Wordpress Blog Search Index

Wordpress Blog Index can be created at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

- **Database Connection Name** - connection name of the wordpress database.
    - If WordPress is installed on the same database, the correct value is `default`.

      Example

      Typical database connection should look similar to this:

```
    'db' => array(
    'table_prefix' => '',
    'connection' => array(
        'default' => array(
            'host' => 'localhost',
            'dbname' => 'store',
            'username' => 'root',
            'password' => 'password',
            'active' => '1',
        ),
    ),
   ),
```

    - If WordPress is installed on the separate database, you need to create a new connection in file `app/etc/env.php`.

      Example

      A typical separate database connection should look similar to this:

```
'db' => [
'table_prefix' => '',
'connection' => [
    'default' => [
        'host' => 'localhost',
        'dbname' => 'dbname',
        'username' => 'username',
        'password' => 'password',
        'active' => '1',
    ],

'wpconnection' => [
```

```
            'host' => 'localhost',
            'dbname' => 'your_wp_dbname',
            'username' => 'username',
            'password' => 'password',
            'active' => '1',
        ]
    ]
    ],
    'resource' => [
    'default_setup' => [
        'connection' => 'default'
    ],
    'wp_setup' => [
        'connection' => 'wpconnection'
    ]
    ],
```

- **Table Prefix** - the prefix for the wordpress tables (wp_ by default) or login to MySQL: use your_wp_dbname; show tables;
- **Url Template** - the full URL for your posts with dynamical variables.

  Typical base urls should look like example below below:

  ```
  http://example.com/blog/{post_name}.html
  http://example.com/blog/?p={ID}
  http://example.com/{category_slug}/{post_name}.html
  ```

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Search Indexes are the most important part of your search subsystem. The purpose of storing an index is to optimize speed and performance in finding relevant documents for a search query. Without an index, the search engine would scan every document on your store, which would require considerable time and computing power.

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grid, located at **System -> Search Management -> Search Indexes**, from where you can configure them.

Each index, added to this grid, displayes the following properties:

- **Title** - title of the search index.
- **Type** - shows index type (searchable content type - read more at **Adding New Index** subsection).
- **Position** - the position of the index in the search results. Search results will be organized in tabs according to this property.
- **Status** - indicates, whether current index is ready for search. **Disabled** value means, that index will be excluded from search.

Additional **Action** column provides common actions, that can be performed directly from grid, such as:

- **Edit** - edit index settings (default action).
- **Reindex** - run manual reindexing for selected index.
- **Delete** - remove index from Mirasvit Search extension. %

  Note

  This action will completely remove this index from your store, so if you wish index to be excluded from search - just change its status to **Disable**.

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Adding and Configuring New Index

1. To add a new index to Mirasvit Search extension, go to **System -> Search Management -> Search Indexes** and press **Add New Index**.

2. Index record creation are divided into two stages: setting common settings and specific, which depend from their type. Common settings are shown in **General Settings** subsection:

   - **Title** - title of the search index. It will be used as tab header at search display page.
   - **Type** - shows index type (searchable content type). Some values of this field will trigger specific options. Pick a link from type list below to know more:
     - **Magento Indexes**
       - Product
       - Category
       - CMS Page
       - Attribute
     - **Custom Search Indexes**
       - Wordpress Blog
     - **Mirasvit Extensions**
       - Blog MX
       - Knowledge Base
       - Gift Registry
     - **Magefun Blog Extension**
     - **Mageplaza Blog Extension**
     - **Ves Extensions**
       - Blog
       - Ves Brand

        - **Amasty**
            - Blog
            - FAQ
        - **Blackbird Content Manager**
    - **Position** - the position of the index in the search results. Extension will sort tabs on search results page based on position.
    - **Active** - sets, whether index should be activated.

3. Press **Save and Continue Edit** to proceed to index configuration stage.

4. Add **Searchable Attributes** to the type-dependent option list, with rows corresponding to attributes, where extension should conduct search. Each row consist of the following fields:
    - **Attribute** - attribute name. It is picked from properties of selected index type. For example, if **Product** type is selected - then attributes would be **Product Name**, **SKU**, **Price**, **Tax Class** and so on.
    - **Weight** - sort order, which defines importance of each attribute for product relevancy. The maximum weight is 10 (highest priority), the minimum weight is 0(lowest priority). Each index type comes with a predefined set of searchable options, that will be displayed after completing the first stage. There should be **at least one searchable attribute**, otherwise search will not work properly.

5. **Properties** - type-dependent specific options section. Read more below, or pick a link from type values, described in **(2)** step.

6. Save index and activate it to include to search.

On installation three indexes will be automatically created and configured: **Product**, **Category** and **CMS Page** .

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Product Index

Product Index can be created at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

Specific options of this type will be shown on **Properies** section of Index edit page:

- **Search by Parent Categories Name** - include to search all parent categories (useful, when store has wide categories tree).
- **Search by child products** - include to search associated products from Bundled, Grouped and Configurable products.
- **Search by Product ID** - enable search by product id (entity_id attribute, which is not listed as searchable by Magento).
- **Search by custom options** - enable search by custom options (defined additionally to existing ones).
- **Push "out of stock" products to the end** - force sorting of search results by stocks inventory, so 'out of stocks' products will be displayed last.
- **Search only by active categories** - display only products, which are assigned to at least one active category
- **Force sort order by** - overrides default sort order of search results by one of these options:
    - **Relevance** - sorting by maximum relevance with search request
    - **Name** - sorting by names in alphanumeric order.
    - **Creation Time** - sorting by date of adding products to store

- **Price 0-9** - sorting from cheapest to most expensive.
- **Price 9-0** - sorting from expensive to cheapest.

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Category Index

Category Index can be created at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

There's no specific options for this type of index.

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CMS Index

CMS Page Index can be created at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

There's only one specific option for this type on **Properies** section of Index edit page:

- **Ignored CMS Pages** - defines, on which CMS pages search should not be performed. You can select zero or more pages here via checkbox drop-down list.

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Attribute Index

Unlike of other indexes, this one can be created only for specific attribute, which should be displayed as separate section in Search Results.

This attribute should be previously enabled for Advanced Search. It can be done at **Stores -> Attributes -> Product** grid. Pick up desired attribute, then jump to **Storefront Properties** subsection and then make them available for search by setting to **Yes** two options: **Use in Search** and **Visible in Advanced Search**.

Note

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To see type of Product Attribute, visit **Stores -> Attributes -> Product** grid, pick up attribute record, and see **Catalog Input Type for Store Owner** field. Selectable types are **Multiple Select** and **Dropdown**. Only attributes of this type can be indexed.

If you wish to use attributes like **Author**, or similar, you have to make them selectable first, and then make them available for search as above.

After saving product you can configure Attribute Index for this attribute at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

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Wordpress Blog Search Index

Wordpress Blog Index can be created at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

- **Database Connection Name** - connection name of the wordpress database.
    - If WordPress is installed on the same database, the correct value is `default`.

      Example

      Typical database connection should look similar to this:

```
    'db' => array(
    'table_prefix' => '',
    'connection' => array(
        'default' => array(
            'host' => 'localhost',
            'dbname' => 'store',
            'username' => 'root',
            'password' => 'password',
            'active' => '1',
        ),
    ),
   ),
```

    - If WordPress is installed on the separate database, you need to create a new connection in file `app/etc/env.php`.

      Example

      A typical separate database connection should look similar to this:

```
'db' => [
'table_prefix' => '',
'connection' => [
    'default' => [
        'host' => 'localhost',
        'dbname' => 'dbname',
        'username' => 'username',
        'password' => 'password',
        'active' => '1',
    ],

'wpconnection' => [

        'host' => 'localhost',
        'dbname' => 'your_wp_dbname',
        'username' => 'username',
        'password' => 'password',
        'active' => '1',
```

```
        ]
    ]
    ],
    'resource' => [
    'default_setup' => [
        'connection' => 'default'
    ],
    'wp_setup' => [
        'connection' => 'wpconnection'
    ]
    ],
```

- **Table Prefix** - the prefix for the wordpress tables (wp_ by default) or login to MySQL: use your_wp_dbname; show tables;
- **Url Template** - the full URL for your posts with dynamical variables.

  Typical base urls should look like example below below:

  ```
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- **Position** - the position of the index in the search results. Search results will be organized in tabs according to this property.
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Note

This action will completely remove this index from your store, so if you wish index to be excluded from search - just change its status to **Disable**.

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    - **Title** - title of the search index. It will be used as tab header at search display page.
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            - Category
            - CMS Page
            - Attribute
        - **Custom Search Indexes**
            - Wordpress Blog
        - **Mirasvit Extensions**
            - Blog MX
            - Knowledge Base
            - Gift Registry
        - **Magefun Blog Extension**
        - **Mageplaza Blog Extension**
        - **Ves Extensions**
            - Blog
            - Ves Brand
        - **Amasty**
            - Blog
            - FAQ
        - **Blackbird Content Manager**

    - **Position** - the position of the index in the search results. Extension will sort tabs on search results page based on position.
    - **Active** - sets, whether index should be activated.

3. Press **Save and Continue Edit** to proceed to index configuration stage.

4. Add **Searchable Attributes** to the type-dependent option list, with rows corresponding to attributes, where extension should conduct search. Each row consist of the following fields:
    - **Attribute** - attribute name. It is picked from properties of selected index type. For example, if **Product** type is selected - then attributes would be **Product Name**, **SKU**, **Price**, **Tax Class** and so on.
    - **Weight** - sort order, which defines importance of each attribute for product relevancy. The maximum weight is 10 (highest priority), the minimum weight is 0(lowest priority). Each index type comes with a predefined set of searchable options, that will be displayed after completing the first stage. There should be **at least one searchable attribute**, otherwise search will not work properly.

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- **Search by Product ID** - enable search by product id (entity_id attribute, which is not listed as searchable by Magento).
- **Search by custom options** - enable search by custom options (defined additionally to existing ones).
- **Push "out of stock" products to the end** - force sorting of search results by stocks inventory, so 'out of stocks' products will be displayed last.
- **Search only by active categories** - display only products, which are assigned to at least one active category
- **Force sort order by** - overrides default sort order of search results by one of these options:
    - **Relevance** - sorting by maximum relevance with search request
    - **Name** - sorting by names in alphanumeric order.
    - **Creation Time** - sorting by date of adding products to store
    - **Price 0-9** - sorting from cheapest to most expensive.
    - **Price 9-0** - sorting from expensive to cheapest.

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Category Index

Category Index can be created at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

There's no specific options for this type of index.

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CMS Index

CMS Page Index can be created at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

There's only one specific option for this type on **Properies** section of Index edit page:

- **Ignored CMS Pages** - defines, on which CMS pages search should not be performed. You can select zero or more pages here via checkbox drop-down list.

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Attribute Index

Unlike of other indexes, this one can be created only for specific attribute, which should be displayed as separate section in Search Results.

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Attribute index can work only with attributes, that can be **indexed**, e. q. they belong to selectable type.

To see type of Product Attribute, visit **Stores -> Attributes -> Product** grid, pick up attribute record, and see **Catalog Input Type for Store Owner** field. Selectable types are **Multiple Select** and **Dropdown**. Only attributes of this type can be indexed.

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After saving product you can configure Attribute Index for this attribute at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

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Wordpress Blog Search Index

Wordpress Blog Index can be created at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

- **Database Connection Name** - connection name of the wordpress database.
    - If WordPress is installed on the same database, the correct value is `default`.

      Example

      Typical database connection should look similar to this:

```
    'db' => array(
    'table_prefix' => '',
    'connection' => array(
        'default' => array(
            'host' => 'localhost',
            'dbname' => 'store',
            'username' => 'root',
            'password' => 'password',
            'active' => '1',
        ),
    ),
   ),
```

    - If WordPress is installed on the separate database, you need to create a new connection in file `app/etc/env.php`.

      Example

      A typical separate database connection should look similar to this:

```
'db' => [
'table_prefix' => '',
'connection' => [
    'default' => [
        'host' => 'localhost',
        'dbname' => 'dbname',
        'username' => 'username',
        'password' => 'password',
        'active' => '1',
    ],

'wpconnection' => [

        'host' => 'localhost',
        'dbname' => 'your_wp_dbname',
        'username' => 'username',
        'password' => 'password',
        'active' => '1',
    ]
]
],
'resource' => [
```

```
'default_setup' => [
    'connection' => 'default'
],
'wp_setup' => [
    'connection' => 'wpconnection'
]
],
```

- **Table Prefix** - the prefix for the wordpress tables (wp_ by default) or login to MySQL: use your_wp_dbname; show tables;
- **Url Template** - the full URL for your posts with dynamical variables.

  Typical base urls should look like example below below:

  ```
  http://example.com/blog/{post_name}.html
  http://example.com/blog/?p={ID}
  http://example.com/{category_slug}/{post_name}.html
  ```

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Configure Search Indexes

Search Indexes are the most important part of your search subsystem. The purpose of storing an index is to optimize speed and performance in finding relevant documents for a search query. Without an index, the search engine would scan every document on your store, which would require considerable time and computing power.

This section covers all topics, necessary for working with indexes, and consists of the following subsections:

Managing Indexes

Our Magento 2 Elasticsearch Extension or Sphinx Extension can combine all indexes, existing in your configuration, to boost search and give your customers the most relevant results. It brings them all to a single grid, located at **System -> Search Management -> Search Indexes**, from where you can configure them.

Each index, added to this grid, displayes the following properties:

- **Title** - title of the search index.
- **Type** - shows index type (searchable content type - read more at **Adding New Index** subsection).
- **Position** - the position of the index in the search results. Search results will be organized in tabs according to this property.

- **Status** - indicates, whether current index is ready for search. **Disabled** value means, that index will be excluded from search.

Additional **Action** column provides common actions, that can be performed directly from grid, such as:

- **Edit** - edit index settings (default action).
- **Reindex** - run manual reindexing for selected index.
- **Delete** - remove index from Mirasvit Search extension. %

  Note

  This action will completely remove this index from your store, so if you wish index to be excluded from search - just change its status to **Disable**.

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Adding and Configuring New Index

1. To add a new index to Mirasvit Search extension, go to **System -> Search Management -> Search Indexes** and press **Add New Index**.

2. Index record creation are divided into two stages: setting common settings and specific, which depend from their type. Common settings are shown in **General Settings** subsection:
   - **Title** - title of the search index. It will be used as tab header at search display page.
   - **Type** - shows index type (searchable content type). Some values of this field will trigger specific options. Pick a link from type list below to know more:
     - **Magento Indexes**
       - Product
       - Category
       - CMS Page
       - Attribute
     - **Custom Search Indexes**
       - Wordpress Blog
     - **Mirasvit Extensions**
       - Blog MX
       - Knowledge Base
       - Gift Registry
     - **Magefun Blog Extension**
     - **Mageplaza Blog Extension**
     - **Ves Extensions**
       - Blog
       - Ves Brand
     - **Amasty**
       - Blog
       - FAQ
     - **Blackbird Content Manager**
   - **Position** - the position of the index in the search results. Extension will sort tabs on search results page based on position.
   - **Active** - sets, whether index should be activated.

3. Press **Save and Continue Edit** to proceed to index configuration stage.

4. Add **Searchable Attributes** to the type-dependent option list, with rows corresponding to attributes, where extension should conduct search. Each row consist of the following fields:
    - **Attribute** - attribute name. It is picked from properties of selected index type. For example, if **Product** type is selected - then attributes would be **Product Name**, **SKU**, **Price**, **Tax Class** and so on.
    - **Weight** - sort order, which defines importance of each attribute for product relevancy. The maximum weight is 10 (highest priority), the minimum weight is 0(lowest priority). Each index type comes with a predefined set of searchable options, that will be displayed after completing the first stage. There should be **at least one searchable attribute**, otherwise search will not work properly.

5. **Properties** - type-dependent specific options section. Read more below, or pick a link from type values, described in **(2)** step.

6. Save index and activate it to include to search.

On installation three indexes will be automatically created and configured: **Product**, **Category** and **CMS Page** .

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Product Index

Product Index can be created at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

Specific options of this type will be shown on **Properies** section of Index edit page:

- **Search by Parent Categories Name** - include to search all parent categories (useful, when store has wide categories tree).
- **Search by child products** - include to search associated products from Bundled, Grouped and Configurable products.
- **Search by Product ID** - enable search by product id (entity_id attribute, which is not listed as searchable by Magento).
- **Search by custom options** - enable search by custom options (defined additionally to existing ones).
- **Push "out of stock" products to the end** - force sorting of search results by stocks inventory, so 'out of stocks' products will be displayed last.
- **Search only by active categories** - display only products, which are assigned to at least one active category
- **Force sort order by** - overrides default sort order of search results by one of these options:
    - **Relevance** - sorting by maximum relevance with search request
    - **Name** - sorting by names in alphanumeric order.
    - **Creation Time** - sorting by date of adding products to store
    - **Price 0-9** - sorting from cheapest to most expensive.
    - **Price 9-0** - sorting from expensive to cheapest.

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Category Index

Category Index can be created at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

There's no specific options for this type of index.

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CMS Index

CMS Page Index can be created at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

There's only one specific option for this type on **Properies** section of Index edit page:

- **Ignored CMS Pages** - defines, on which CMS pages search should not be performed. You can select zero or more pages here via checkbox drop-down list.

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Attribute Index

Unlike of other indexes, this one can be created only for specific attribute, which should be displayed as separate section in Search Results.

This attribute should be previously enabled for Advanced Search. It can be done at **Stores -> Attributes -> Product** grid. Pick up desired attribute, then jump to **Storefront Properties** subsection and then make them available for search by setting to **Yes** two options: **Use in Search** and **Visible in Advanced Search**.

Note

Attribute index can work only with attributes, that can be **indexed**, e. q. they belong to selectable type.

To see type of Product Attribute, visit **Stores -> Attributes -> Product** grid, pick up attribute record, and see **Catalog Input Type for Store Owner** field. Selectable types are **Multiple Select** and **Dropdown**. Only attributes of this type can be indexed.

If you wish to use attributes like **Author**, or similar, you have to make them selectable first, and then make them available for search as above.

After saving product you can configure Attribute Index for this attribute at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

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Wordpress Blog Search Index

Wordpress Blog Index can be created at **System -> Search Management -> Search Indexes** grid. Read more here about adding new index.

- **Database Connection Name** - connection name of the wordpress database.

    - If WordPress is installed on the same database, the correct value is `default`.

      Example

      Typical database connection should look similar to this:

```
    'db' => array(
    'table_prefix' => '',
    'connection' => array(
        'default' => array(
            'host' => 'localhost',
            'dbname' => 'store',
            'username' => 'root',
            'password' => 'password',
            'active' => '1',
        ),
    ),
   ),
```

    - If WordPress is installed on the separate database, you need to create a new connection in file `app/etc/env.php`.

      Example

      A typical separate database connection should look similar to this:

```
'db' => [
'table_prefix' => '',
'connection' => [
    'default' => [
        'host' => 'localhost',
        'dbname' => 'dbname',
        'username' => 'username',
        'password' => 'password',
        'active' => '1',
    ],

'wpconnection' => [

        'host' => 'localhost',
        'dbname' => 'your_wp_dbname',
        'username' => 'username',
        'password' => 'password',
        'active' => '1',
    ]
]
],
'resource' => [
'default_setup' => [
    'connection' => 'default'
],
```

```
'wp_setup' => [
    'connection' => 'wpconnection'
]
],
```

- **Table Prefix** - the prefix for the wordpress tables (wp_ by default) or login to MySQL: use your_wp_dbname; show tables;
- **Url Template** - the full URL for your posts with dynamical variables.

  Typical base urls should look like example below below:

  ```
  http://example.com/blog/{post_name}.html
  http://example.com/blog/?p={ID}
  http://example.com/{category_slug}/{post_name}.html
  ```

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Implementing Custom Search Index

Sometimes it's need to have specific type of Index, which is either not included to our Magento 2 Elasticsearch Extension or Sphinx Extension, or belongs to some third-party extension. In this case custom index can be implemented, using the following instructions:

1. Clone the example module from repository http://github.com/mirasvit/module-search-extended

   Note

   There must be taken into account your Magento version. Correct steps should be:
   1. `git clone <repo_url>` - Clone the example module from the repository;
   2. `cd module-search-extended/` - Change directory;
      `git checkout magento23` - Navigate to specific tagname for **Magento 2.1-2.3** please use tag **magento23**.
      `git checkout magento24` - For **Magento 2.4+** please use tag **magento24**.
      To make sure you switched to the correct tagname, run `git branch`.

2. Go to `app/code/Mirasvit/SearchExtended/Index/` and rename subpath `Magento/Review/Review/` to the required one `([provider]/[module]/[entity])`
3. Change class names in file `app/code/Mirasvit/SearchExtended/Index/[provider]/[module]/[entity]/Index.p`
   - Rename class
   - Set your values to `getName()`, `getPrimaryKey()` and `getIdentifier()` methods
4. Configure the attributes you want to get in `getAttributes()` method
5. Change methods `buildSearchCollection()` and `getSearchableEntities()`
6. Change registration for new index in file `app/code/Mirasvit/SearchExtended/etc/di.xml`

7. Adjust layout file
   `app/code/Mirasvit/SearchExtended/view/frontend/layout/catalogsearch_result_`

   Rename template name/path and adjust it
   `/app/code/Mirasvit/SearchExtended/view/frontend/templates/index/magento/rev`

8. Enable module and Clear magento cache

If everything was correct, you can add index of your custom type like any regular index.

1. If you use SSU please go to: `/vendor/mirasvit/module-search-autocomplete/src/SearchAutocomplete/Model/Index` folder
2. Create folder/file structure `<Company>/<Extension>/<EntityType>.php` i.e. `/vendor/mirasvit/module-search-autocomplete/src/SearchAutocomplete/Model/Index/Ves/Blog/Post.php`
3. Open `/vendor/mirasvit/module-search-autocomplete/src/SearchAutocomplete/etc/di.xml` and add item to type `name="Mirasvit\SearchAutocomplete\Model\Index\Pool"` arguments

Configure Global Search Settings

This section describes, how you can customize and greatly improve the relevance of your search results by configuring Search Settings.

The most important part is **Global Search Configuration**. It is located at **System -> Search Management -> Settings -> Mirasvit Extensions -> Search**, and divided into the following sections:

- **Search Engine Configuration**
- **Search Settings**
- **Multi-store Search Result**

Search Engine Configuration

Our extension allows you to power up search either with default Magento search engine, or with external engine. Option **Search Engine** selects, which engine should be in charge, and has three possible values:

- **MySQL** - native Magento engine, used for Magento default search functionality.
- **Built-in search engine** - will use an internal search algorithm of our extension.

  Note

  Built-in search engine mode **does not** require installation of Sphinx Engine on your server, but you will still receive the same features as with the Sphinx Engine. However, you can experience a slower search speed than with the Sphinx Engine (only for more then 20K products).

Third possible value depends from precise extension, that you're using. Mirasvit provides two search applications, that share this option, but support different search engines.

- **Sphinx Search Ultimate**

  Sphinx Search Ultimate, as it derives from its name, allows you to use Sphinx Engine on the dedicated server, or on the same server of your store.

  Sphinx is an open source full text search server, which features high performance, relevance (aka search quality), and integration simplicity. It's written in C++ and runs on Linux (RedHat, Ubuntu, etc), Windows, MacOS, Solaris, FreeBSD, and a few other systems. It is better used for stores with products quantity below 50k and without need of layered navigation or aggregated search requests. Read more about this engine key features.

  Sphinx Search Ultimate adds to the option **Global Search Configuration** -> **Search Engine Configuration** -> **Search Engine** possible value **External Sphinx Engine**.

  Note
  To start with, please, make sure that you have installed Sphinx Search Engine.

  External Sphinx Engine also triggers additional options for configuring and managing Sphinx Daemon:

  - **Sphinx Host** - sphinx daemon host (localhost by default).
  - **Sphinx Port** - sphinx daemon port (any free port, like 9811, 9812).
  - **Sphinx installed on same server** - triggers appearance of additional features of Sphinx Daemon. Can have two different modes:

  For Sphinx installed on the same server with your Magento store :

  - **Yes** - defines, that Sphinx works on the same server, as store and database. Triggers the following additional options and additional buttons, which allows to manage daemon:
    - **Sphinx Bin Path** - defines name and location of sphinx daemon. By default it's **searchd**.
    - **Allow auto-start Sphinx Daemon** - sets auto-starting daemon with Magento's store. Useful, when you can have unexpected server power-off (for example, for maintenance purpose).
    - **Check Status** - button, that allows to view current daemon status
    - **Restart Sphinx Daemon** - button, that allows to restart daemon directly from Magento Configuration pane.
    - **Reset** - button, that allows reset daemon current search task.

  For Sphinx installed on the dedicated (remote) server :

  - **No** - defines, that Sphinx works on separate or dedicated server.
    - **Generate configuration file** - button, that allows to generate Sphinx config file to copy to your remote (dedicated) server.

  Search Engine Configuration section contains **Additional Configuration** subsection, visible for **External Sphinx engine** only. It allows you to tune up Sphinx configuration file, and contains the following settings:

  - **Custom Base Path** - defines custom path to Sphinx, if it was installed not to the default `[magento_root_directory]/var/sphinx/` location.
  - **Additional searchd configuration** - defines additional parameters to `searchd` Search Daemon. Read more about it here.

- **Additional index configuration** - allows to add settings to the Sphinx index configuration. Read more about it here.
- **Custom Charset Table** - allows to add character sets to the Sphinx configuration file. Read more about it here.

- **Elastic Search Ultimate**

  Magento 2 Elasticsearch Extension, as it derives from its name, allows you to use Elastic Engine on the dedicated server, or on the same server of your store.

  Elasticsearch is a distributed, RESTful search and analytics engine capable of solving a growing number of use cases, written on Java so it can be run virtually anywhere. It is best used for stores with more 50k of products and/or support of Layered Navigation. Read more about its key features.

  Elastic Search Ultimate adds to the option **Global Search Configuration** -> **Search Engine Configuration** -> **Search Engine** possible value **Elasticsearch Engine**.

  Note
  To start with, please, make sure that you have installed Elastic Search Engine.

  Elasticsearch Engine also triggers additional options for configuring and managing Sphinx Daemon:

  - **Elasticsearch Host** - elastic host (`127.0.0.1` by default).
  - **Elasticsearch Port** - elastic port (any free port, but typically `9200`).
  - **Elasticsearch Index Prefix** - specifies index name for current Magento store.

  It also features two buttons, that allows you to check Elastic Search connection:

  - **Check Status** - button, that allows to view current Elastic status
  - **Reset** - button, that resets Elastic current search tasks.

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Search Settings

- **Wildcard search** - allows customer to search the product by part of the word, marking unknown part with asterisk (*). There's four different wildcard modes available:
  - **Enabled (*word*)** - fully enables wildcards.
  - **Enabled at end (word*)** - partially enables wildcards, allowing to search by first part of keyword.
  - **Enabled at start (*word)** - partially enables wildcards, allowing to search by last part of keyword.
  - **Disabled** - totally disables wildcards.

    Note
    Wildcards enabling slightly reduces the relevance of search and increases the number of search results.

- **Enable redirecting from 404 to search results** - if option is enabled, customer will be redirected to the store search results of the broken URL text instead of the "404 Not Found" page.
- **Redirect if there is a Single Result** - if the search query results only have one match, the customer will be immediately taken to to corrresponding product page.

- **Enable Google Sitelinks Search** - if option is enabled, the extension shows the Sitelink Search Box on the Google search results page. After enabling the option, the search box will be shown only after Google reindexing.
- **Enable search terms highlighting** - if option is enabled, search query word(s) will be highlighted in the search results.
- **Display Related Search Terms** - if option is enabled, related search terms will be displayed on the search result page.
- **Max number of items in the result** - sets the maximum number of items in the search result. Set 0 to disable limitation.
- **Wildcard Exceptions** - the list of keywords (characters) for which wildcard search can not apply.
- **Replace words in search query** - two-column list of auto-replace. When evaluating search extension will seek keywords from **Find word** columns, and automatically replace with the one from **Replace With** column. Column **Find word** can contain more than one keyword, separated by comma.
- **Not' words** - words from this list invert search. E. q. appearance of these words in search automatically treated as "exclude results with this word".
- **Long Tail Expressions** - allows you to receive the correct search results for words that contain dashes or any other non-alphabetic symbols. Read more in Long Tail Configuration section. Or read our article in Mirasvit Blog about the feature
- **Minimum number of characters** - to search-specifies the minimum amount of characters, which triggers autocomplete drop-down list. It works only when `mirasvit/module-search-autocomplete` is installed and enabled.
- **Match mode** - overrides default Magento mode of search with one of the following options:
    - **AND** - this mode is **default**. Elements (e. q. products, pages) matched only when all requested keywords are found in respective attributes.
    - **OR** - defines, that elements matched only when at least one of requested keywords is found.

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Multi-store Search Result

This option is useful when you have store-dependant elements in your store. For example, you have products which are visible only in specific storeviews and you wish to allow customers to search simultaneously in all your stores.

- **Enable Multi-Store Search Results** - if you enable this option, search results will be displayed in tabs. Each tab has a number of results for a storeview and corresponds to one of your storeviews. This option triggers an additional sub-option:

    - **Stores** - allows you to select, which storeviews should be included in a multi-store search.

      Note

      Multi-store search results work only on the search results page (when visitors click on the tab it redirects them to the selected storeview.).
      Autocomplete always returns results from the current store only. It can not display search results from another storeviews.

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Configure "Long-Tail" Search

This section describes the Long-Tail Search feature, that will allow you to have correct search results for words that contain dashes or other non-alphabetic symbols. You can also replace on-the fly the most typical errors customers can make in complex product names.

What is Long-Tail Search?

For example, we have a product `Canon PowerShot SX500 IS`. But customer can request `Canon PowerShot SX-500IS`, which default search will not find, because it differs from actual product label.

It's because Magento by default during reindex uses only correct product labels from database, and thus, index will contain only them - making products with complex names "ineligible" for search.

This is where "Long-tail" search come. During reindex and search this feature recognizes the keywords rather by pattern and replaces it either to the empty or some other characters, "correcting" customer's request on-the fly.

In example above the `SX500 IS` can be converted to the `SX500IS` and during the search, the `SX-500IS` also be converted to the `SX500IS` by replacing '-' symbol to empty char.

This way search will be able to find products by several combinations of spelling the product's name.

Also, please learn more about configuring Long-Tail Search for your store in our Blog article.

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Configuring Long-Tail Search

Go to **System / Search Management / Settings / Mirasvit Extensions / Search**
In the section **Search Settings** go to the option **Long tail**.
There you can set up regular expressions to receive required search results.

- **Match Expression** - the regular expression(s) that parses words for further replacing.

  Parsing goes for search index, during an indexing process, and goes for search phrases during search. E.g. `/([a-zA-Z0-9]*[\-\/][a-zA-Z0-9]*[\-\/]*[a-zA-Z0-9]*)/`

- **Replace Expression** - the regular expression(s) to parse characters to be replaced. Parsing goes in the results of "Match Expression". E.g. `/[\-\/]/`
- **Replace Char** - the character to replace values founded by "Replace Expression". E.g. `empty value`.

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Configuring Long-Tail Search

Here is some of most useful cases of long-tail search, implemented as corresponding rules.

- **Automatically remove '-' symbol from product names**

  Create a rule with the following parameters:

  - **Match Expression** - `/[a-zA-Z0-9]*-[a-zA-Z0-9]*/`
    Matched text: `SX500-123`, `GLX-11A`, `GLZX-VXV`, `GLZ/123`, `GLZV 123`, `CNC-PWR1`
  - **Replace Expression** -`/-/`
  - **Replace Char** - empty
    Result text: `SX500123, GLX11A`, `GLZXVXV`, `GLZ/123`, `GLZV-123-123`, `CNCPWR1`

- **Automatically remove '-' and '/' symbols from product names**

  Create a rule with the following parameters:

  - **Match Expression** - `/[a-zA-Z0-9]*[ \-\/][a-zA-Z0-9]*/`
    Matched text: `SX500-123`, `GLX-11A`, `GLZX-VXV`, `GLZ/123`, `GLZV 123`, `CNC-PWR1`
  - **Replace Expression** - `/[ \-\/]/`
  - **Replace Char** - empty
    Result text: `SX500123`, `GLX11A`, `GLZXVXV`, `GLZ123`, `GLZV123`, `CNCPWR1`

- **Automatically make solid all products names with separators**

  Create a rule with the following parameters:

  - **Match Expression** - `/[a-zA-Z0-9]*[-\/][a-zA-Z0-9]*([-\/][a-zA-Z0-9]*)?/`
    Matched text: `SX500-123`, `GLX-11A`, `GLZX-VXV`, `GLZ/123`, `GLZV-123-123`, `CNC-PWR1`
  - **Replace Expression** - `/[-\/]/`
  - **Replace Char** - empty
    Result text: `SX500123`, `GLX11A`, `GLZXVXV`, `GLZ123`, `GLZV123123`, `CNCPWR1`

- **Automatically fix misspelled product's name**

  Create a rule with the following parameters:

  - **Match Expression** - `/([a-zA-Z0-9]*[\- ][a-zA-Z0-9]*[\-][a-zA-Z0-9]*)/`
    Matched text: `VHC68B-80`, `VHC-68B-80`, `VHC68B80`
  - **Replace Expression** - `/[\- ]/`
  - **Replace Char** - empty
    Result text: `VHC68B80`

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Moving Long-Tail Expressions from M1 to M2

Long-Tail expressions, which are used in Search Sphinx for M1 and M2 sliightly differ.

In M1 Search Sphinx you can enter one or more expressions to match, separated by '|' character. In M2 you can not.

Consider the following expression for Search Sphinx for M1:

Example

Match Expression: `/[a-zA-Z0-9][ -/][a-zA-Z0-9]([ -/][a-zA-Z0-9]*)?/|/[a-zA-Z]{1,3}[0-9]{1,3}/`
Replace Expression:`/[ -/]/|/([a-zA-Z]{1,3})([0-9]{1,3})/`
Replace Char:`$1 $2`

It actually contains two separate regexps to match: `/[a-zA-Z0-9][ -/][a-zA-Z0-9]([ -/][a-zA-Z0-9]*)?/` and `/[a-zA-Z]{1,3}[0-9]{1,3}/` with respective separate expressions for replace.

You need either to reformat that expression, so it will match in single expression, or rewrite this rule as a set of two:

- **First rule**

  This rule will implement the first part of original M1 expression.

  - **Match Expression**: `/[a-zA-Z0-9][ -/][a-zA-Z0-9]([ -/][a-zA-Z0-9]*)?/`
  - **Replace Expression**:`/[ -/]/`
  - **Replace Char**:`$1 $2`

- **Second rule**

  This rule will implement the second part of original M1 expression.

  - **Match Expression**: `/[a-zA-Z]{1,3}[0-9]{1,3}/`
  - **Replace Expression**:`/([a-zA-Z]{1,3})([0-9]{1,3})/`
  - **Replace Char**:`$1 $2`

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Manage Landing Pages

Landing search page is special search result page, with a static URL, where customers are redirected on using some search expression.

Let us have a large number of frequently asked (or just a promotional set) models of Samsung phones with black coat. So we create a separate promotional page, say, `http://store.com/black-samsung-phone.html`, and bind it to the search phrase "black samsung phone". Then, when customer will request a black Samsung phone, it will be immediately sent to your special page.

Also it supports the following logic .We create a separate promotional page, say, `http://store.com/black-samsung-phone.html`, and bind it to the search phrase "black samsung phone". When customer will go to this (specific) URL search results for "black samsung phone" will be immediately built on it.

All such a pages can be managed from **System -> Search Management -> Manage Landing Pages** grid.

Adding New Landing Page

- Go to **System / Search Management / Manage Landing Pages** and press **Add New** button.
- On creation page fill the following fieds:
  - **Query Text** - the key phrase, which should bring customer to landing page (ex. black samsung phone)
  - **URL Key** - relative path to landing page. For example, if URL key is `shoes/all`, then full URL would be `https://example/shoes/all/`.
  - **Active** - activates or deactivated redirect to landing page.
  - **Page Title** - overrides title of that page with yours.
  - **Meta Keywords** - meta keywords, that can be used by search crawlers.
  - **Meta Description** - meta description, that can be used by search crawlers.
  - **Layout Update XML** - overrides XML layout of landing page.
- Save and activate landing page.

Manage Synonyms

Synonyms are keywords with the same or similar meaning. All of them are located at **System -> Search Management -> Manage Synonyms** section.

You can either manually add synonyms, or import them from YAML-formatted file.

Adding New Synonym

- Go to **System -> Search Management -> Manage Synonyms** grid and press **Add New Synonym** button.

- On creation page, fill the following fields:

  - **Term** - is the keyword, which customer could enter to the search box, and which will be replaced with keyword

  - **Synonyms** - comma-separated list of synonyms. It should contain at least one keyword. Each of them should match the following requirements:

    1. It should consist of one word, and only of alphanumeric characters (e. q. without spaces, dashes, slashes and so on).

    2. It should have length, greater than 1 character.

    3. Max length of synonyms list equals 255 symbols.
  - **Store View** - allows to select, where defined synonyms will be applied.
- Save record.

Example

Assume, that we have on our stores a set of watches, and need them to be found on "clock" keyword. So we

setup Synonym as:

```
Term: clock
Synonyms: watch
```

Then, if customer issues "clock" query, all watches will be found.

Importing Synonyms

Our extension uses YAML file format for synonyms importing. It should resemble the following format:

```
-
    term: [TERM_1]
    synonyms: [SYN_1]
-
    term: [TERM_2]
    synonyms: [SYN_2]
```

Name of this file should be equal to your language code in capital case. Codes can be found here, use column **639-1** for that.

Example

Let's create a synonyms file for English locale. Name of such a file would be `EN.yaml`, and it's content should be:

```
-
    term: abiogenesis
    synonyms: autogenesis,autogeny,spontaneous generation
-
    term: abject
    synonyms: low,miserable,scummy,scurvy,resigned,unhopeful
-
    term: abjection
    synonyms: abasement,degradation
-
    term: abjectly
    synonyms: resignedly
```

To import synonyms, perform the following steps:

- Place your custom YAML file to `[magento_root]/` folder.
- Go to **System -> Search Management -> Manage Synonyms** and press **Import Synonyms** button.
- **Dictionary** field defines locale (language), to which synonyms are imported. All dictionaries should exist, and have at least one record, since imported data are appended to existing.
- **Store View** defines storeviews, where imported synonyms will be applied.
- Press **Import** to import and apply synonyms.

Manage Stopwords

Stopwords are words that have little lexical meaning or ambiguous meaning and are not useful during the search (ex. and, or, the, a, with, etc). Therefore, these words should be removed from search phrases to make

them relevant.

You can either manually add stopwords, or import them from YAML-formatted file.

Adding New Stopword

- Go to **System -> Search Management -> Manage Stopwords** grid and press **Add New Stopword** button.
- On creation page, fill the following fields:
  - **Stopword** - is the keyword, which should be removed from search requests.
  - **Store View** - allows to select, where defined synonyms will be applied.
- Save record.

Importing Stopwords

Our extension uses YAML file format for stopwords importing. It should resemble the following format:

```
[ID_1]:[Stopword_1]
[ID_2]:[Stopword_2]
[ID_3]:[Stopword_3]
```

Name of this file should be equal to your language code in capital case. Codes can be found here, use column **639-1** for that.

Example

Let's create a stopwords file for English locale. Name of such a file would be `EN.yaml`, and it's content should be:

```
1:"but"
2:"now"
3:"what"
4:"except"
```

To import stopwords from such a file, perform the following steps:

- Place your custom YAML file to the special `[magento_root]/` folder.
- Go to **System -> Search Management -> Manage Stopwords** and press **Import Stopwords** button.
- **Dictionary** field defines locale (language), for which stopwords are imported. It is picked from the name of your YAML import files.
- **Store View** defines storeview, where imported stopwords should be applied.
- Press **Import** to import and apply stopwords.

Score Boost Rules

Score Boost Rules are powerful tool, which allows you to affect relevancy of search results, depending on certain conditions.

When Mirasvit Search extension builds search results, it groups them by indexes' position and their position in **System -> Search Management -> Settings -> Search Autocomplete -> Searchable Content**. Groups can include Products, Pages, Categories and so on - they can be defined in **System -> Search Management -> Search Indexes**.

But inside these groups items are listed strictly by their relevance to search query, which calculated for each item separately as **item rank**. Position in search results list depends from this rank value.

Score Boost Rules allows you to increase or decrease this rank depending on item properties, which allow you to move certain products to the top or botton of list, which is extremely useful for promotion and marketing purposes.

Creating a new Rule

To create a new Score Boost Rule, navigate to **System -> Search Management -> Score Boost Rules** section and press **Add New Rule** button.

You need to define the following properties to create a Rule/

- **Title** - sensical title of the Rule
- **Active** - whether Rule is active and should be applied to Search Results
- **Active (date)** - a time period, when Rule should apply to Search Results. Leave empty to have Rule always applicable.
- **Store** - storeviews, where current Rule should be applicable.
- **Score Factor** - score adjustment, that should be added or subtracted from rating, generated by search engine.
    - **Action** - action, that should be performed. Can have only two possible values.
        - **Increase By**
        - **Decrease By**
    - **Rank Adjustment** - numerical value, that should be added or subtracted from rating.
    - **Metric** - defines, how Rank Adjustment shall be used for adjustment. Can have two possible values:
        - **Points** - in this case Rank Adjustment just added to the actual rating.
        - **Times** - in this case actual rating is multiplied by Rank Adjustment. Used to rocket-jump products to the top (for example, promotional products).
    - **Parameter** - defines, which rating shall be adjusted by the Rule.
        - **Initial Score** - rating, which was generated by search engine.
        - **Product Popularity** - popularity rating, that is defined as quantity of orders with products, that meet conditions below.
        - **Product Rating** - product rating, that is defined as quantity of reviews for products, that meet conditions below

Conditions are broken into two parts.

- **Apply the rule only for following products** - allows you to define, which combination of products makes Rule apply.

    Note

    To add additional conditions please go to **Stores - Attributes - Product**, select a necessary attribute, for example, SKU, open edition in the tab **Storefront Properties**, and set Yes for the **Use for Promo Rule Conditions**, clean Magento cache after saving.

- **Apply the rule only when the following conditions are met** - allows you to filter **Search Query**, to which Rule shall apply.

Both of them use the same pattern, as other rules in Magento 2, and enclosed into logical blocks `If ALL of these conditions are TRUE/FALSE` (products meet conditions, when all of them apply) or `If ANY of these conditions are TRUE/FALSE` (product shall meet only one of defined conditions).

Here are few useful examples, that demonstrate, how Score Boost Rules work.

Examples

- **Erin Recommends Promo**

  This example allows you to move products, that were recommended by your editorial board (it is defined by custom attribute **Erin Recommends**), to the top of search results.

  Title: `Erin Recommends Promo` **Score Factor**: **Increase by** `10` **points Initial Score Apply the rule only for the following products:**

  - `Erin Recommends is Yes`

- **Analog Watches to the End**

  This rule drops to the very bottom all analog watches, when customer search includes "watch" keyword.

  Title: `Analog Watches to End` **Score Factor**: **Decrease by** `2` **times Initial Score Apply the rule only for the following products:**

  - `Product Name contains analog` **Apply the rule only when the following conditions are met:**
  - `Search Query contains watch`

- **New Products Promo**

  This example allows you to uplift promotional products higher than others, but not necessary at the top.

  Title: `New Products Promo` **Score Factor**: **increase by** `5` **points Initial Score Apply the rule only for the following products:**

  - `New is Yes`

Customize Search Weight

Our extension arranges relevance of found products using Global Settings. But sometimes (for example, for promotional purposes) you need to forcibly move one or more specific products to the top, or vice versa, to the bottom of search results.

It can be done via special option **Search Weight**, added by our extension to the general settings of the Product Edit Pages.

This weight is the relative position, where product will be placed on search result page. It ranges from 100 (product or category will always appear at the top of search results list) to -100 (product or category will always appear at the bottom of search results list).

Troubleshooting

This section contains the most common problems, that customer can encounter, and how they can be resolved:

Note
Please, make sure, that you're using the last version of the extension. Otherwise, please, update it to the latest version.

Search is not possible by SKU

Please, make sure about the following:

- SKU attribute is searchable. You can check it in **Stores -> Attributes -> Product grid -> SKU -> Storefront Properties -> Use in Search and Visible in Advanced Search** should be **Yes**.
- SKU is in the list of **Searchable** attributes in **Product Index**. You can check it in **System -> Search Management -> Search Indexes -> Product Index**.
- If SKU includes dashes or other non-alphabetic symbols, set up **Long-Tail Search** expressions.
- Validate search result. Go to **System -> Validator -> Validate Search Results**. In **Search term** field enter your SKU, in **Product ID** - ID of the product with not searchable SKU and press **Validate Search Results**.

After enabling fallback search and entering too many words, search fails

Possible cause: too small max_execution_time PHP parameter, which is not enough to complete requests with large number of words.

Solution: there can be two possible solutions.

1. Increase `max_execution_time` parameter either in `.htaccess`, or directly in `PHP.ini`.
2. Use default Magento settings to adjust search parameters. They are located at **Stores -> Configuration -> Catalog -> Catalog Search** and consist of two options:
   - **Minimal Query Length** - defines minimal quantity of words in search request (1 for default).
   - **Maximum Query Length** - defines maximal quantity of words in search request (128 by default).

Typically it is enough to decrease the latter parameter, until search will work correctly.

Autocomplete (and/or Search Results) is too slow

Possible Causes and **Solutions**

- Search Engine Settings

  How to Check:

  - Navigate to **System -> Search Management -> Settings -> Search Engine Configuration**. If option **Search Engine** is set to **Built-In Engine** or **MYSQL**, this is the probably cause.

  How to Resolve:

  - If you have Mirasvit MYSQL Search Module version below 1.0.23, upgrade it to latest version. It contains a significant improvement, that speeds-up built-in search engine.
  - Enable option **Fast Mode** in **Autocomplete settings** at **System -> Settings -> Mirasvit Extensions -> Search Autocomplete** section.
  - If this **will not** help, consider recommendation from next option.

- Large Quantity of Products (for Sphinx Search Pro and Ultimate extensions)

  How to Check:

  - Navigate to **Catalog -> Products** section. If you have more than 14k records there, this is the probably cause.

  How to Resolve:

  - Replace **Build-In Engine** to **External Sphinx Engine** in option **Search Engine** at **System -> Search Management -> Settings -> Search Engine Configuration**.

    Tip
    Search Sphinx shall be installed first, and then connected (see our user manual - Connecting Sphinx Engine).

  - If you use Layered Navigation on your store, consider switching to **Elastic Search Ultimate** extension. It should improve response time, because it also handles layered navigation requests.

- Large Quantity of Products (for Elastic Search Ultimate extension) **How to Check**:

- Navigate to **Catalog -> Products** section. If you have more than 14k records there, this is the probably cause.

How to Resolve:

- Replace **Build-In Engine** to **Elastic search Engine** in option **Search Engine** at **System -> Search Management -> Settings -> Search Engine Configuration**.

  Tip
  Elastic search engine shall be installed first, and then connected to your store (see our user manual - Elastic Engine Configuration).

- High-load Crontasks

  How to Check:

  - Install **Cron Scheduler for M2**.
  - Navigate to **System -> Cron Scheduler by KiwiCommerce -> All cron jobs** section and **System -> Cron Scheduler by KiwiCommerce -> Cron job schedule timeline**. Check there execution time and results of crontasks. If some of them are stuck or executed for too long period, this is the probably cause.

  How to Resolve:

  - Disable or reconfigure all crontasks, which are stuck or taking too much time.

- Conflicts with other vendor's search extensions

  How to Check:

  - Go to **Stores - Configuration - Mirasvit extensions - Developer tab** on the sub-modules grid click **Validate Installation**. If there is any possible conflict, we don't recommend to use a few similar extensions, it may cause conflicts and slow down your search speed.

  How to Resolve: Disable this extension and check your search speed: `php bin/magento module:disable <module_name>`

Aheadworks blog search doesn\`t return results

- **How to Resolve**:
  - Find and open the following file : Aheadworks/Blog/Block/Post.php
  - Find `public function getSocialIconsHtml()`
  - After condition you will see this row `$block = $this->getLayout()->createBlock`, place this code before `$socialIconsBlock = !empty($this->getSocialIconsBlock())?$this->getSocialIconsBlock():'Aheadworks\Blog\Block\Sharethis';`
  - Replace `$this->getSocialIconsBlock()` after `createBlock` with `$socialIconsBlock`
  - You should get your code look like `$socialIconsBlock = !empty($this->getSocialIconsBlock())?$this->getSocialIconsBlock():'Aheadworks\Blog\Block\Sharethis'; $block = $this->getLayout()->createBlock( $socialIconsBlock,...`

"unknown column" error while Sphinx reindex

- **If your Sphinx Search Engine installed on same server run the following steps**:
    - Click "Reset" in Search Engine Configuration (backend)
    - Click "Restart Sphinx Daemon" in Search Engine Configuration (backend)
    - Reindex Search indexes by running bin/magento indexer:reindex catalogsearch_fulltext (CLI) or in System / Search Management / Search Indexes (Backend)
- **If your Sphinx Search Engine installed on a remote server run the following steps**:
    - Click "Generate configuration file"
    - Copy generated file to your remote server
    - Run killall -9 searchd on your remote server
    - Start sphinx daemon using command searchd --config <path to config/sphinx.conf>
    - Reindex Search indexes by running bin/magento indexer:reindex catalogsearch_fulltext (CLI) or in System / Search Management / Search Indexes (Backend)

Long reindexing time

1) Whether you have Elastic or Sphinx search Ultimate extension, and use a built-in engine with over 20K products, consider using external search engines. To check your engine settings you may find at System -> Search Management -> Settings -> Mirasvit Extensions -> Search.

2) In case you already use an external search engine, you may check if it has a unique Index Prefix for your store for Elastic Search
or try to stop and restart Sphinx Daemon, then run reindex.

3) You have a Fast Mode enabled at System / Settings / Mirasvit Extensions / Search Autocomplete section: the disadvantages include the increased indexing time of the search index. Otherwise, disable this feature to speed up reindexing time.

4) Additionally disable some options in Product Settings content appearance such as **Show Thumbnail, Rating**, etc at System / Settings / Mirasvit Extensions / Search Autocomplete section.

5) Make sure there are no duplicate searchable attributes or searchable attributes with search weight = 1 at the Product Index in System -> Search Management -> Search Indexes, otherwise delete those searchable attributes and try reindex.

6) Take a look also on Magento Best Practices for reindexing here.

Error: Please make sure you use different sphinx ports for all these instances

- **When happens**: We installed on our staging/dev/test site and configured different ports on staging and on live. But the sphinx engine is not connecting on our staging site, keep getting the error message:

- **How to solve:**
  1) turn off “Allow auto-start Sphinx Daemon”, put a different Sphinx Port (any free port, like 9811,

9812) for each instance;
2) specify the “Custom Base Path” in Additional configuration (for example, for dev store: /home/dev/sphinx/bin/searchd);
3) separately run reindexes on the instances, and then enable “Allow auto-start Sphinx Daemon”.

Strange search terms

Sometimes you can see unwanted, strange search terms in Reports, Hot searches in the autocomplete or in the Related Search Terms and think it is spam or generated by our extension.

Actually, they are the most searched Search Terms in your Magento, more details find in official Magento documentation here. You can clear some of the search terms and it won't appear: go to Marketing > SEO & Search > Search Terms, find the necessary term and delete it, otherwise, you will need to delete them in the database.

No alive nodes found in your cluster

Usually, it is a server error. The cause for the problem can be found in the server logs at `/var/log/elasticsearch/` directory. First of all, make sure it is configured properly, reset elastic search indicies from the console `curl -XDELETE localhost:9200/*` and run re-index `bin/magento indexer:reindex catalogsearch_fulltext`. Also, here is the best Magento practices to resolve elastic search problems.

Change Log

1.0.156

(2022-01-04)

Fixed

- Aheadworks blog post display results issue

1.0.155

(2021-05-07)

Fixed

- Added a store filter for blog posts index

1.0.154

(2021-02-23)

Fixed

- Translit danish letters
- Disabled wildcard search doesn't work correctly

1.0.153

(2021-01-28)

Improvements

- render CMS blocks

1.0.152

(2021-01-11)

Improvements

- Improved sorting of results by relevance for external blog
- applied ApplyPaginationPlugin for Advanced Search

Fixed

- highlight issue fix
- Amasty Parts Finder compatibility
- highlight issue fix
- Fixed collection order during reindexing for external blog
- Fixed an issue where urldecode function removes plus sign

1.0.151

(2020-09-17)

Fixed

- CMS page index with widget indexing issue

1.0.150

(2020-09-07)

Fixed

- Mageplaza_AjaxLayer sorting apply issue
- Filter out non-searchable attributes

- Codazon_ajaxlayerednavpro compatibility
- Multiple attribute index status apply issue with Elasticsearch
- Native elasticsearch7 compatibility
- Dismiss 404 to search redirect if the request contains 404
- Query highlight issue

1.0.149

(2020-06-16)

Improvements

- Added comment for incompatibility with Fast Mode Autocomplete options

Fixed

- Unexpected special char appears on highlight
- Mana_layerednavigationajax paging compatibility
- Incorrect stemming behavior

1.0.148

(2020-06-02)

Fixed

- Array to string conversion on reindex
- Amasty Blog posts links
- Unexpected numeric results
- Emulation nesting error
- Manage search results tabs display
- Category search returns relevance 0

1.0.147

(2020-04-30)

Fixed

- Category reindex issue on Magento 2.3.5 Enterprise
- select attributes override

1.0.146

(2020-04-23)

Fixed

- Score boost rules indexing issue
- Filter out suggested search terms with mysql entries
- CMS pages indexing issue
- Weltpixel LRN compatibility

1.0.145

(2020-04-14)

Fixed

- weltpixel LRN compatibility
- CMS pages indexing issue
- filter out suggested search terms with mysql entries
- score boost rules indexing issue

1.0.144

(2020-04-07)

Fixed

- disallow json encoded values for elasticsearch indexer
- highlight search result text case override
- multi-select attributes reindex issue when Search by child products disabled ([#250]())
- highlight search result text case override
- ignore empty categories on reindex

1.0.143

(2020-03-18)

Fixed

- Bundle products indexing issue (include child products by default)
- Decrease score rules indexing time
- Magento SharedCatalog search issue
- Popular suggestions don't support wildcard exceptions
- Upgrade schema issue

1.0.142

(2020-03-05)

Fixed

- Issue with serialization on magento 2.1

1.0.141

(2020-02-18)

Fixed

- Issue with plugin loadEntities

1.0.140

(2020-02-13)

Fixed

- disable query log (for some reasons SQL queries are shown on frontend)

1.0.139

(2020-02-12)

Fixed

- Environment emulation nesting is not allowed error when CMS page index enabled
- Duplicate entry mst_search_weight on Setup upgrade
- Search highlight issue (replacement is applied to placeholder)

1.0.138

(2020-02-03)

Fixed

- Magento 2.3.4 compatibility

1.0.137

(2019-12-17)

Fixed

- Wrong highlight behavior
- Add deprecated classes

1.0.136

(2019-11-28)

Fixed

- Highlight issue

1.0.135

(2019-11-27)

Fixed

- Issue with unicode

1.0.134

(2019-11-25)

Fixed

- Show empty results if search query is empty or minimum query length

---

1.0.133

(2019-11-13)

Fixed

- Multi-store results function doens't redirect properly

1.0.132

(2019-11-11)

Fixed

- Ambigious class declaration
- Undefined elastic factories
- Error while setting up M2.1.12 EE

1.0.131

(2019-10-16)

Fixed

- Compatibility with Magento 2.3.3
- Score rule apply issue

1.0.130

(2019-10-09)

Fixed

- Individual search weight saving issue

1.0.129

(2019-10-09)

Fixed

- Display informative errors on synonyms and stopwords import
- Duplicate duplicate cms page index ignore page options
- Individual search weight saving issue

1.0.128

(2019-09-10)

Fixed

- EQP (each)
- Issue with validator form (M 2.3.0)

1.0.127

(2019-09-03)

Fixed

- Issue with filtration of Synonyms/Stopwords/Score Rules (backend)

1.0.126

(2019-08-28)

Improvements

- Synonyms import

1.0.125

(2019-08-27)

Fixed

- Issue with YAML

1.0.124

(2019-07-30)

Fixed

- Issue with validator
- ICanSearchProductId Test
- advanced search issue
- Issue with Magento 2.3.2 after switch to MySQL engine

1.0.123

(2019-07-08)

Fixed

- Magento 2.3.2 advanced search issue

Features

- Fishpig Glossary index support

1.0.122

(2019-06-13)

Fixed

- Mass update search_weight
- Issue with compilation (with TemplateMonster/AjaxCatalog)
- Moved messages about possible magento modules which contain "search in name"

- Compatibility with Magento 2.3.1 Elasticsearch
- Doubled field values in CMS index.

1.0.121

(2019-04-24)

Fixed

- Fast mode ensure issue
- Mageplaza fix hint

1.0.120

(2019-04-08)

Fixed

- Similar results in multiple attribute indexes
- Environment emulation nesting is not allowed

Features

- Ensure Search Autocomplete fast mode on search reindex

1.0.119

(2019-03-21)

Fixed

- Manadev compatibility fix

1.0.118

(2019-03-19)

Fixed

- Manadev compatibility

1.0.117

(2019-01-04)

Fixed

- JS issue with index attributes
- Solved conflict with Mageplaza_LayeredNavigation

1.0.116

(2018-12-29)

Improvements

- Added ability to search by AW Blog Post tags
- Mageplaza ajax layer

Fixed

- compatibility with TemplateMonsters_AjaxCatalog

1.0.114

(2018-12-25)

Improvements

- Rename column search_weight to mst_search_weight for prevent possible conflicts after disabling the module
- Compatibility with BlueFoot

1.0.113

(2018-12-14)

Fixed

- Issue with saving index attributes (for new indexes)

1.0.112

(2018-12-13)

Features

- Catalog image is clickable

Fixed

- Issue with store switcher url

1.0.111

(2018-12-06)

Fixed

- Issue with store switcher on multistore search results [#87]

1.0.110

(2018-12-06)

Fixed

- switch stores on multistore results [#87]

1.0.109

(2018-12-05)

Fixed

- Issue with Search Weight during mass product update

1.0.108

(2018-11-29)

Fixed

- Compatibility with Magento 2.3
- wrong results for queries with specific characters

1.0.107

(2018-11-15)

Fixed

- Allow to cache search results #82
- Search by child products issue, bundles included even with disabled function #186

1.0.106

(2018-11-13)

Fixed

- Push out of stock products to the end issue #179

1.0.105

(2018-11-13)

Improvements

- Migration validation for WeltPixel_CmsBlockScheduler

Fixed

- Issue with class generation on Magento Cloud
- Highlight issue with special chars

1.0.104

(2018-11-05)

Fixed

- Styling issue with Aheadworks blog

1.0.103

(2018-11-05)

Fixed

- Issue with highlights

1.0.102

(2018-11-02)

Fixed

- PHP 5.6 Syntax Error

1.0.101

(2018-10-29)

Features

- Added validator to detect different search engine settings

Fixed

- Issue with products index edit

1.0.100

(2018-10-15)

Fixed

- Issue with slow admin load (JS render time)

1.0.99

(2018-10-12)

Fixed

- Bundled products indexing issue
- Highlighter issue

1.0.98

(2018-10-09)

Fixed

- Reindex issue using mirasvit:search:reindex

1.0.97

(2018-10-09)

Fixed

- Issue with autocomplete provider
- Highlighter issue

1.0.96

(2018-10-03)

Fixed

- Issue with attribute

1.0.95

(2018-10-03)

Fixed

- Ves Blog indexing issue

1.0.94

(2018-10-01)

Features

- Add other search results to product results if results QTY less then 5

1.0.93

(2018-09-28)

Features

- Show Category Thumbnail in the search results

1.0.92

(2018-09-26)

Fixed

- Issue with ContentManager

1.0.91

(2018-09-26)

Features

- Blackbird ContentManager Search Index

Fixed

- Issue with required core version

1.0.90

(2018-09-21)

Fixed

- Processing multiselect attributes

1.0.89

(2018-09-21)

Fixed

- Issue with module disable plugin

1.0.88

(2018-09-21)

Improvements

- Validator (Check possible conflicts with other search extensions)

1.0.87

(2018-09-20)

Improvements

- Added Amasty Blog Search Index

1.0.86

(2018-09-20)

Fixed

- Reindex issue with native mysql engine
- Fixed issue after module disable

1.0.85

(2018-09-18)

Fixed

- Issue with unavailable index type on index edit screen

1.0.84

(2018-09-17)

Improvements

- Support multiple indexes for magento_catalog_attribute
- Added functionality to use multiple Catalog Attribute index

---

1.0.83

(2018-09-11)

Fixed

- Bug with ScoreServiceInterface

1.0.82

(2018-09-10)

Improvements

- Added addititonal functionality to Score Rules

Fixed

- Score Rule Save & Continue is not working for new rules

1.0.81

(2018-09-06)

Fixed

- ACL

1.0.80

(2018-09-06)

Improvements

- Added Score Boost Rule
- Added Apply button to edit form
- Support 2.1

Fixed

- UI component load error (2.1.2)
- Issue with SKU weight

1.0.79

(2018-08-27)

Improvements

- Custom weight apply logic

Fixed

- Issue with attributes synchronization

1.0.78

(2018-08-01)

Features

- Search Index for Amasty FAQ

Fixed

- fixed SSL certificate verify failed issue in search autocomplete speed validator ()

1.0.77

(2018-06-08)

Fixed

- Issue with empty node

1.0.76

(2018-05-17)

Fixed

- search only by active categories option
- wrong Sold QTY attribute settings

1.0.75

(2018-03-06)

Features

- Added search results validator and search speed test
- Added functionality to adjust relevance based on sold items quantity

---

1.0.74

(2018-03-06)

Fixed

- Issue with ordering

1.0.73

(2018-03-06)

Features

- Create search index for Mirasvit Gift Registry extension #25

1.0.72

(2018-02-13)

Improvements

- New search index: AW Blog

1.0.71

(2018-02-12)

Fixed

- Translation

1.0.70

(2018-02-01)

Fixed

- Issue with special chars (%) in suggested queries

1.0.69

(2018-01-30)

Fixed

- Issue with multi-store results

1.0.68

(2018-01-16)

Fixed

- Translations in suggestion.phtml

1.0.67

(2018-01-15)

Improvements

- Engine status visualization

Fixed

- Mageplaza blog index

1.0.66

(2018-01-09)

Fixed

- Issue with autocomplete

1.0.65

(2017-12-14)

Fixed

- Magento 2.2.2 - removed symfony/yaml requirement

1.0.64

(2017-12-14)

Improvements

- Strip tags method for Cms Pages index

1.0.63

(2017-12-13)

Improvements

- Changes related to search in categories functionality (#6)

1.0.62

(2017-12-06)

Fixed

- Performance issues with complex synonyms

1.0.61

(2017-12-01)

Improvements

- Ability to run search reindex for specified store or index (bin/magento mirasvit:search:reindex --store *id* --index *identifier*)
- Code Formatting

1.0.60

(2017-12-01)

Fixed

- Issue with sorting products

1.0.59

(2017-11-29)

Fixed

- Added store filter to Magefan blog

1.0.58

(2017-11-21)

Improvements

- Recurring script for convert serialized values to JSON

1.0.57

(2017-11-20)

Fixed

- Issue with joining attributes

1.0.56

(2017-11-17)

Fixed

- Issue with long-tail expression form

1.0.55

(2017-10-17)

Improve

- Show/hide suggested search terms on search result page

1.0.54

(2017-10-17)

Fixed

- Issue with data-mappers
- Issue with Json decode

1.0.53

(2017-10-12)

Improvements

- Russian stemmer

Fixed

- Do not lowercase indexed text

1.0.52

(2017-10-05)

Improvements

- Added ability to select Match Mode (AND or OR)

1.0.51

(2017-09-28)

Fixed

- Issue with unserialize (replaced with JSON)

1.0.50

(2017-09-27)

Fixed

- M2.2
- Issue with No Results page
- UI error on index edit page

1.0.47

(2017-09-08)

Fixed

- Issue with product mapper

1.0.46

(2017-09-06)

Fixed

- Issue with Search Report
- Strip tags filter

1.0.45

(2017-09-05)

Fixed

- Improved stripTags method

1.0.44

(2017-09-04)

Improvements

- Links to manual

Fixed

- Weights synchronization

1.0.43

(2017-08-31)

Fixed

- No results in search reports

1.0.42

(2017-08-14)

Fixed

- Issue with tab
- properly emulate store environment

1.0.41

(2017-08-08)

Fixed

- Issue with slow js rendering (backend)

1.0.40

(2017-08-04)

Fixed

- Ability to sort products by stock status

1.0.39

(2017-07-28)

Fixed

- Synonyms

1.0.37

(2017-07-21)

Fixed

- Responsive styles for indexes
- Convert synonyms/stopwords to lowercase before save
- Issue with blog indexation

1.0.36

(2017-06-30)

Fixed

- Issue with local Synonyms/Stopword dicitonary

1.0.35

(2017-06-27)

Improvements

- Added additional params to build urls for wordpress blog

Fixed

- Issue with weights

1.0.34

(2017-06-22)

Fixed

- Issue with index invalidation

1.0.33

(2017-06-21)

Improvements

- Added option to force sort order for products

1.0.32

(2017-06-19)

Fixed

- Bundled Products (EE)

- Issue with synonyms

1.0.31

(2017-06-19)

Fixed

- Issue with mass delete

1.0.30

(2017-06-16)

Fixed

- Attribute
- Issue with attribute synchronization
- Issue with updating index status after change properties/attributes

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1.0.27

(2017-06-07)

Improvements

- Media types for 404 to search

Fixed

- Installation script

1.0.26

(2017-06-07)

Improvements

- Backend UI

Fixed

- EE bundled

1.0.25

(2017-05-29)

Fixed

- CLI

1.0.24

(2017-05-24)

Fixed

- Issue with Replace Words

1.0.23

(2017-05-24)

Fixed

- Changed "Indices" to "Indexes"

1.0.22

(2017-05-23)

Fixed

- Issue with local synonyms/stopwords files

1.0.21

(2017-05-18)

Improvements

- Long tail hint

Fixed

- Issue with search_weight attribute
- Fixed an issue with custom search weight

1.0.20

(2017-05-04)

Improvements

- Reindex visualization

Fixed

- Issue with engine status checker

1.0.19

(2017-04-26)

Improvements

- New search index for Mageplaza blog

Fixed

- Issue with properties saving

1.0.18

(2017-04-18)

Fixed

- Fixed an issue with cms page reindex

1.0.17

(2017-04-18)

Fixed

- Fixed an issue with custom weights

1.0.16

(2017-04-13)

Fixed

- Fixed an issue with EngineResolver path

1.0.15

(2017-04-12)

Fixed

- Fixed an issue with EngineResolver path

1.0.14

(2017-04-10)

Fixed

- Issue with EE reindex
- Fixed an issue with autocomplete provider

1.0.13

(2017-04-07)

Fixed

- Fixed an error with index "Attribute"

1.0.12

(2017-04-06)

Fixed

- Issue with installation script

1.0.11

(2017-04-06)

Fixed

- Fixed an issue with saving index properties

1.0.10

(2017-04-06)

Improvements

- Added prefix for search indices tables

1.0.9

(2017-04-05)

Fixed

- Fixed an issue with clear installation

1.0.8

(2017-04-05)

Improvements

- Changed locale resolver interface for stemming

Fixed

- Fixed an issue with autocomplete provider

1.0.7

(2017-04-04)

Fixed

- Issue with autocomplete
- Fixed an issue with importing stopwords

1.0.6

(2017-04-04)

Fixed

- Minor fixes

1.0.5

(2017-03-31)

Fixed

- Issue with installation

1.0.4

(2017-03-31)

Fixed

- Fixed an issue with generators

1.0.3

(2017-03-09)

Fixed

- Fixed an issue with compilation
- Minor naming problem

1.0.2

(2017-03-06)

Improvements

- Improved synonyms import interface

Fixed

- Fixed an issue with synonyms

1.0.1

(2017-03-03)

Improvements

- Performance

Fixed

- Fixed an issue with indexation

1.0.0

(2017-02-17)

Improvements

- Cloud service for synonyms/stopwords
- Initial release after split mirasvit/module-search-sphinx

Fixed

- Fixed an issue with filter by out of stock products
