Newscoop >= 4.3 - Solr plugin

Installing the Solr plugin

First install the plugin. Either go to the Plugin manager in the backend and search for solr. It should find the plugin and offer a solution to install it. Or execute the following command from the application root.

<table>
<thead>
<tr>
<th>Command to install plugin</th>
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<tbody>
<tr>
<td><code>php application/console plugins:install &quot;newscoop/solr-search-plugin-bundle&quot;</code></td>
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Once “newscoop/solr-search-plugin-bundle” is installed

Set-up permissions for configuration

First edit your users permissions and make sure all available permissions under the section Solr Plugin are checked. Without this we can’t access the backend and make configuration changes. After a change in permissions for the current user, it’s recommend to logout and login again.

Configuring the plugin via backend

In the main menu under Plugins a new entry should appear called Solr Plugin. Click on it (or click on Status in the submenu). You’re now at the status page.

1. Click on the Settings tab to continue. (If you don’t see the settings tabs, please check your permissions.)
2. Check the checkbox Enable Solr indexing
3. Set Type of indexing to Only index data
4. Set host (when Solr is on the same server use localhost) and port (can be found in SOLR_DIR/etc/jetty.xml) to the correct values.
5. Select a Default core. This core will be used by default (e.g. if you only have one language).
6. Set Query Uri to select
7. Set Update Uri to `update/json?commit=true`
8. Select the types you want to Index
9. Select the article (sub) types you want to index
10. Set the correct cron interval. We recommend every 5 or 10 minutes, indexing doesn’t take too long, unless you produce tons of data. Then lower the frequency.
   If you are not using the default indexer cron. Please disable it in the System Preferences and set up your crons according manually.
11. Save the form
12. Go back to the status page, it should list all Solr cores.

There are two types of indexing in Solr plugin:

- **Only index data** - solr indexes object by fields where indexed attribute is set to true. When using this type, you need to use smarty functions to list object based on solr result/response.
- **Index and store data** - solr indexes and stores the data on it's side, we can request indexed object data directly from solr, no need to search the object on Newscoop side. If stored attribute is set to true, it means that solr response will return those fields with the data stored.

Example configurations for each of the types can be found here. Configuration files can be customized for your needs.