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# Documentation for EXT:solr the Apache Solr integration for TYPO3

Release 3.0.0

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## WHAT DOES IT DO?

The intension of “solrconsole” is to provide a powerful tool around EXT:solr and EXT:solrfal that allows you to do common maintenance tasks from the command line.

In combination with automated deployments you can then e.g. do common tasks after a deployment or with regular running scripts.



## DEVELOPMENT AND PARTNERSHIP

The extension is developed in an open source way and the source code is completely available on github. Releases to the TYPO3 TER are done in regular time frames (Usually every 3 months).

To make the development possible you can join a partner ship with dkd. By joining the partner program you have the following benefits:

- You support the further development on Apache Solr for TYPO3
- **You get access to addon's that are not public available**
  - Indexing of files from FAL (TYPO3 File Abstraction Layer)
- You can be mentioned as a sponsor on <http://www.typo3-solr.com>
- You can included support based on your subscription

By the financial invest of our partners it is possible to keep this extension uptodate and integrate great new features. If you like this extension please think about to become a partner as well!

If you are interested to become a partner visit <http://www.typo3-solr.com> or call dkd +49 (0)69 - 247 52 18-0.





## COMMAND REFERENCE

The following pages summarize all available commands with all available options.

### 3.1 Solr Connection

This section describes all solr index related commands (“solr:connection:”\*)

- *solr:connection:flushall*
- *solr:connection:get*
- *solr:connection:update*

#### 3.1.1 solr:connection:flushall

**Command** solr:connection:flushall

**Since** 2.0.1

The command “solr:connection:flushall” allows you remove **all** connections by dropping the configuration “tx\_solr:servers” from the sys\_registry.

#### 3.1.2 solr:connection:get

**Command** solr:connection:get

**Since** 1.0

The command “solr:connection:get” allows you to retrieve a list of all connections by site.

#### 3.1.3 solr:connection:update

**Command** solr:connection:update

**Options** –sites

**Since** 1.0

**Deprecated** 3.0 (Not required anymore with sitehandling, enable legacy mode in EXT:solr to use that command)

The command “solr:index:update” allows you to update the solr connections for your sites.

By default it initializes **all** connections.

**Options:**

Options	Shortcut	Default	Description	Example
-sites	-s	all sites	Comma separated list of siteroot uids.	-s 1,4
-no-interaction	-n	0	Skips all confirmations, e.g for automation.	-n

```
typo3cms solr:connection:update -s 1
```

The command above updates the solr connection for the site with the root page id 1.

## 3.2 Solr Queue

This section describes all solr queue related commands(“solr:queue:”\*)

- *solr:queue:delete*
- *solr:queue:get*
- *solr:queue:index*
- *solr:queue:initialize*
- *solr:queue:progress*
- *solr:queue:reset-errors*

### 3.2.1 solr:queue:delete

**Command** solr:queue:delete

**Options** -sites, -configurations, -item-types, -item-uids, -uids, -no-interaction

**Since** 1.0

The command “solr:queue:delete” allows you to delete items from the index queue.

By default it deletes **all** items from the queue. The deleted items can be filtered by passing the filter options.

**Note:** This command only deletes the item from the index queue, not from the solr index itself. This needs to be done with the command “solr:index:delete”.

**Options:**

Options	Short-cut	Default	Description	Example
-sites	-s	all sites	Comma separated list of siteroot uids.	-s 1,4
-configurations	-c	all configurations	Comma separated list of queue configuration.	-c mypages
-item-types	-t	all types	Comma separated list of item types(tables).	-t pages
-item-uids	-i	all item uids	Comma separated list of types(db tables).	-i 11
-uids	-u	all uids	Comma separated list of queue item uids	-u 4711
-no-interaction	-n	0	Skips all confirmations, e.g for automation.	-n

```
typo3cms solr:queue:delete -t tx_news_domain_model_news -i 12
```

## 3.2.2 solr:queue:get

**Command** solr:queue:get**Options** `-sites`, `-configurations`, `-item-types`, `-item-uids`, `-uids`, `-no-interaction`, `-page`, `-per-page`**Since** 1.0

The command “solr:queue:get” allows you to retrieve items from the queue to see their data and state.

By default it retrieves **all** items from the queue.

**Options:**

Options	Short-cut	Default	Description	Example
<code>-sites</code>	<code>-s</code>	all sites	Comma separated list of siteroot uids.	<code>-s 1,4</code>
<code>-configurations</code>	<code>-c</code>	all configurations	Comma separated list of queue configuration.	<code>-c mypages</code>
<code>-item-types</code>	<code>-t</code>	all types	Comma separated list of item types(tables).	<code>-t pages</code>
<code>-item-uids</code>	<code>-i</code>	all item uids	Comma separated list of types(db tables).	<code>-i 11</code>
<code>-uids</code>	<code>-u</code>	all uids	Comma separated list of queue item uids	<code>-u 4711</code>
<code>-page</code>		page of output	The page	<code>-page 2</code>
<code>-per-page</code>		count per page	Items per page that should be shown	<code>-per-page 20</code>
<code>-no-interaction</code>	<code>-n</code>	0	Skips all confirmations, e.g for automation.	<code>-n</code>

```
typo3cms solr:queue:get -t tx_news_domain_model_news --page 2 --per-page 20
```

## 3.2.3 solr:queue:index

**Command** solr:queue:index**Options** `-sites`, `-count`, `-no-interaction`

The command “solr:queue:index” allows you to process the index queue and index a given amount of items to the solr index.

**Options:**

Options	Shortcut	Default	Description	Example
<code>-sites</code>	<code>-s</code>	all sites	Comma separated list of siteroot uids.	<code>-s 1,4</code>
<code>-amount</code>	<code>-a</code>	10	Amount of items that should be index.	<code>-a 100</code>
<code>-no-interaction</code>	<code>-n</code>	0	Skips all confirmations, e.g for automation.	<code>-n</code>

## 3.2.4 solr:queue:initialize

**Command** solr:queue:initialize**Options** `-sites`, `-configurations`, `-no-interaction`**Since** 1.0

The command “solr:queue:initialize” allows you to initialize the index queue for a set of sites and index queue configurations.

By default it initializes the queue for **all** sites and **all** configurations, by settings `-sites` or `-configurations` you can limit the initialized items.

**Options:**

Options	Shortcut	Default	Description	Example
<code>-sites</code>	<code>-s</code>	all sites	Comma separated list of siteroot uids.	<code>-s 1,4</code>
<code>-configurations</code>	<code>-c</code>	all configurations	Comma separated list of queue configuration.	<code>-c pages</code>
<code>-no-interaction</code>	<code>-n</code>	0	Skips all confirmations, e.g for automation.	<code>-n</code>

Example (Add's all items from the news configuration of site 1 without confirmation to the index queue):

```
typo3cms solr:queue:initialize -s 1 -c news -n
```

### 3.2.5 solr:queue:progress

**Command** solr:queue:initialize

**Options** -sites

**Since** 1.0

Shows the indexing progress of several sites on the command line.

**Options:**

Options	Shortcut	Default	Description	Example
-sites	-s	all sites	Comma separated list of siteroot uids.	-s 1,4
-no-interaction	-n	0	Skips all confirmations, e.g for automation.	-n

### 3.2.6 solr:queue:reset-errors

**Command** solr:queue:reset-errors

**Options** -sites

**Since** 1.0

Resets the error flag for items in the queue. When the error flag was reset, the item will be indexed again.

**Options:**

Options	Shortcut	Default	Description	Example
-sites	-s	all sites	Comma separated list of siteroot uids.	-s 1,4
-no-interaction	-n	0	Skips all confirmations, e.g for automation.	-n

## 3.3 Solr Index

This section describes all solr index related commands("solr:index:\*")

- *solr:index:get*
- *solr:index:delete*
- *solr:index:verify*

### 3.3.1 solr:index:get

**Command** solr:index:get

**Options** -sites, -types, -uids, -ids, -language, -no-interaction, -page, -per-page

**Since** 1.0

The command "solr:index:get" allows you to retrieve items from the solr index to see the stored data.

By default it retrieves **all** items from the given core defined by the language you selected (defaults to the site's default language).

**Options:**

Options	Short-cut	Default	Description	Example
-sites	-s	all sites	Comma separated list of siteroot uids.	-s 1,4
-types	-t	all types	Comma separated list of types(tables).	-t pages,tx_news_domain_model_news
-uids	-u	all uids	Comma separated list of record uids	-u 4711
-ids	-i	all document ids	Comma separated list of document ids.	-i ca4dd635f094303a334959993f97549867f24d62/pages/25/0/1/0
-language	-L	0	Language uid	-L 1
-page		page of output	The page	-page 2
-per-page		count per page	Items per page that should be shown	-per-page 20
-no-interaction	-n	0	Skips all confirmations, e.g for automation.	-n

```
typo3cms solr:index:get -t tx_news_domain_model_news --page 2 --per-page 20
```

### 3.3.2 solr:index:delete

**Command** solr:index:delete

**Options** -sites, -types, -uids, -ids, -languages, -no-interaction

**Since** 1.0

The command “solr:index:delete” allows you to delete items from the solr index.

By default it deletes **all** items from the given core defined by the languages you selected (defaults to all of the site’s languages).

**Options:**

Options	Short-cut	Default	Description	Example
-sites	-s	all sites	Comma separated list of siteroot uids.	-s 1,4
-types	-t	all types	Comma separated list of types(tables).	-t pages,tx_news_domain_model_news
-uids	-u	all uids	Comma separated list of record uids	-u 4711
-ids	-i	all document ids	Comma separated list of document ids.	-i ca4dd635f094303a334959993f97549867f24d62/pages/25/0/1/0
-languages	-L	all languages	Comma separated list of language uids.	-L 0,1
-no-interaction	-n	0	Skips all confirmations, e.g for automation.	-n

```
typo3cms solr:index:delete -t pages -u 45,42
```

### 3.3.3 solr:index:verify

**Command** solr:index:verify

**Options** -sites, -configurations, -languages, -no-interaction, -fix

**Since 2.0.0**

The command “solr:index:verify” allows you to verify items from the solr index with records from the database table.

By default it shows differences for the given types from the given core defined by the languages you selected (defaults to all of the site’s languages).

**Options:**

Options	Shortcut	Default	Description	Example
-sites	-s	all sites	Comma separated list of siteroot uids.	-s 1,4
-configurations	-c	all configurations	Comma separated list of queue configuration.	-c news
-languages	-L	all languages	Comma separated list of language uids.	-L 0,1
-no-interaction	-n	0	Skips all confirmations, e.g for automation.	-n
-fix	-F		Fix differences between solr and TYPO3	-F

```
typo3cms solr:index:verify -c news
```

## 3.4 Solrfal Queue

This section describes all solrfal queue related commands(“solrfal:queue:”\*)

- *solrfal:queue:delete*
- *solrfal:queue:get*
- *solrfal:queue:index*
- *solrfal:queue:progress*
- *solrfal:queue:reset-errors*

### 3.4.1 solrfal:queue:delete

**Command** solrfal:queue:delete

**Options** -sites, -configurations, -context-names, -item-uids, -uids, -languages, -no-interaction

**Since** 2.0

The command “solrfal:queue:delete” allows you to delete items from the file index queue.

By default it deletes **all** items from the file queue. The deleted items can be filtered by passing the filter options.

**Note:** This command only deletes the item from the file index queue, not from the solr index itself. This needs to be done with the command “solr:index:delete”.

**Options:**

Options	Short-cut	Default	Description	Example
-sites	-s	all sites	Comma separated list of siteroot uids.	-s 1,4
-configurations	-c	all configurations	Comma separated list of queue configuration.	-c mypages
-context-names	-cn	all contexts	Comma separated list of contexts (page, record, storage)	-cn record
-item-uids	-i	all item uids	Comma separated list of types(db tables).	-i 11
-uids	-u	all uids	Comma separated list of queue item uids	-u 4711
-languages	-l	all language uids	Comma separated list of language uids	-l 1
-no-interaction	-n	0	Skips all confirmations, e.g for automation.	-n

```
typo3cms solrfal:queue:delete -l 1 -s 2
```

### 3.4.2 solrfal:queue:get

**Command** solrfal:queue:get

**Options** -sites, -configurations, -context-names, -item-uids, -uids, -languages, -no-interaction, -page, -per-page

**Since** 2.0

The command “solrfal:queue:get” allows you to retrieve items from the file index queue to see their data and state.

By default it retrieves **all** items from the queue.

**Options:**

Options	Shortcut	Default	Description	Example
-sites	-s	all sites	Comma separated list of siteroot uids.	-s 1,4
-configurations	-c	all configurations	Comma separated list of queue configuration.	-c mypages
-context-names	-cn	all contexts	Comma separated list of contexts (page, record, storage)	-cn record
-item-uids	-i	all item uids	Comma separated list of types(db tables).	-i 11
-uids	-u	all uids	Comma separated list of queue item uids	-u 4711
-page		page of output	The page	-page 2
-per-page		count per page	Items per page that should be shown	-per-page 20
-languages	-l	all language uids	Comma separated list of language uids   -l 1	
-no-interaction	-n	0	Skips all confirmations, e.g for automation.   -n	

```
typo3cms solrfal:queue:get -s 1 --page 1 --per-page 20
```

### 3.4.3 solrfal:queue:index

**Command** solrfal:queue:index

**Options** -sites, -count, -no-interaction

**Since** 2.0

The command “solrfal:queue:index” allows you to process the file index queue and index a given amount of items to the solr index.

**Options:**

Options	Shortcut	Default	Description	Example
-sites	-s	all sites	Comma separated list of siteroot uids.	-s 1,4
-amount	-a	10	Amount of items that should be index.	-a 100
-no-interaction	-n	0	Skips all confirmations, e.g for automation.	-n

### 3.4.4 solrfal:queue:progress

**Command** solrfal:queue:initialize

**Options** -sites

**Since** 2.0

Shows the file indexing progress of several sites on the command line.

**Options:**

Options	Shortcut	Default	Description	Example
-sites	-s	all sites	Comma separated list of siteroot uids.	-s 1,4
-no-interaction	-n	0	Skips all confirmations, e.g for automation.	-n

### 3.4.5 solrfal:queue:reset-errors

**Command** solrfal:queue:reset-errors

**Options** -sites

**Since** 2.0

Resets the error flag for items in the file index queue. When the error flag was reset, the item will be indexed again.

**Options:**

Options	Shortcut	Default	Description	Example
-sites	-s	all sites	Comma separated list of siteroot uids.	-s 1,4
-no-interaction	-n	0	Skips all confirmations, e.g for automation.	-n