

Smart Indexer - User documentation

Description

- Smart Indexer will automatically re-index your Magento store indexes when your store is the less busy and keep your indexes up-to-date as much as possible without impacting your performances.
- The best time to re-index will be calculated automatically once a day based on previous orders.
- Ability to refresh the cache if needed

How does Smart Indexer do ?

- We divided each day into buckets (48 by default).
- By default, one bucket represent an interval of time of 30 minutes. (It is possible to customize bucket size in the configuration).
- Smart Indexer will calculate duration of process based on the last duration time of re-indexation.
- Smart Indexer will calculate next time of re-indexation based on orders per bucket (the next bucket that have minimum orders and the required time available).
- Refresh invalid cache if option set in the config .

Admin interface - Configuration

Configuration

Smart Reindex	<input type="text" value="Enable"/>	[STORE VIEW]
	<small>Enable this module to get smart reindex</small>	
Number of days	<input type="text" value="14"/>	[STORE VIEW]
	<small>Calculate the best time to reindex depend on number of last orders</small>	
Bucket Size in Minutes	<input type="text" value="30"/>	[STORE VIEW]
	<small>One bucket represent for time (minutes)</small>	
Task schedule	<input type="text" value="*/23 * * *"/>	[STORE VIEW]
	<small>Schedule to calculate orders (cron syntax)</small>	
Enable Limit Orders Of Bucket	<input type="text" value="Yes"/>	[STORE VIEW]
	<small>I want Smart Indexer will put process in the available bucket which have orders smaller or equal</small>	
Limit Orders Of Bucket	<input type="text" value="15"/>	[STORE VIEW]
	<small>Smart Indexer will put process to available bucket which have smaller or equal if this null . Smart Indexer will put process into the smallest buckets. (Put integer ex: 10)</small>	
Smart Refresh Cache	<input type="text" value="Yes"/>	[STORE VIEW]
	<small>Smart Indexer will refresh cache which is needed after reindex in the best time</small>	

- Go to System -> Configuration -> Mercuriel SmartIndexer :
- Number of days - Smart Indexer will retrieve orders data of this days - default is 14 days .
- You can also change bucket size.
- Change the task schedule , it will change the time to run the order per bucket calculation - based on CRON syntax.
- If you enable the limit orders of bucket , smart indexer will put process to the most suitable buckets which have orders number less than the one from configuration.
- Enable refresh cache - it will refresh invalid cache after re-index process

How can I cancel a planned re-indexation ?

Go to SmartIndexer grid then change the action of re-index planned is deactivate or active.

Smart Indexer

Page 1 of 1 pages | View 20 per page | Total 9 records found

Select All | Unselect All | Select Visible | Unselect Visible | 0 items selected

Actions

Any	Indexer Name	Status Process	Next Indexation	Last Duration Of Indexing (Seconds)	Status
<input type="checkbox"/>	Catalog Product Attribute	Require Reindex	2017-03-29 15:30:00	1	Enable
<input type="checkbox"/>	Catalog Product Price	Require Reindex	2017-03-29 15:30:01	0	Enable
<input type="checkbox"/>	Catalog Uri	Require Reindex	2017-03-29 15:30:01	1	Enable
<input type="checkbox"/>	Catalog Product Flat	Require Reindex	2017-03-29 15:30:02	1	Enable
<input type="checkbox"/>	Catalog Category Flat	Require Reindex	2017-03-29 15:30:03	0	Enable
<input type="checkbox"/>	Catalog Category Product	Require Reindex	2017-03-29 15:30:03	0	Enable
<input type="checkbox"/>	Catalogsearch Fulltext	Require Reindex	2017-03-29 15:30:03	1	Enable
<input type="checkbox"/>	Cataloginventory Stock	Require Reindex	2017-03-29 15:30:04	0	Enable
<input type="checkbox"/>	Tag Summary	Require Reindex	2017-03-29 15:30:04	0	Enable

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Page 1 of 1 pages | View 20 per page | Total 9 records found

Select All | Unselect All | Select Visible | Unselect Visible | 0 items selected

Indexer Name	Status Process	Last Duration Of Indexing (Seconds)	Status
Any			
<input type="checkbox"/> Catalog Product Attribute	Ready	1	Enable
<input type="checkbox"/> Catalog Product Price	Ready	0	Enable
<input type="checkbox"/> Catalog Uri	Ready	1	Disable
<input type="checkbox"/> Catalog Product Flat	Ready	1	Enable
<input type="checkbox"/> Catalog Category Flat	Ready	0	Enable
<input type="checkbox"/> Catalog Category Product	Ready	1	Enable
<input type="checkbox"/> Catalogsearch Fulltext	Ready	0	Enable
<input type="checkbox"/> Cataloginventory Stock	Ready	0	Enable
<input type="checkbox"/> Tag Summary	Ready	0	Enable

Manage next indexation on System Index Management

Index Management

Select All | Unselect All | Select Visible | Unselect Visible | 0 items selected

Index	Description	Mode	Status	Update Required	Updated At	Action	Next Reindexation	Last Duration (seconds)
<input type="checkbox"/> Product Attributes	Index product attributes for layered navigation building	Update on Save	REINDEX REQUIRED	NO	22-03-2017 17:00:02	Reindex Data	2017-03-24 12:00:00	0
<input type="checkbox"/> Product Prices	Index product prices	Update on Save	REINDEX REQUIRED	NO	24-03-2017 02:00:02	Reindex Data	2017-03-24 12:00:00	0
<input type="checkbox"/> Catalog URL Rewrites	Index product and categories URL rewrites	Update on Save	REINDEX REQUIRED	NO	22-03-2017 17:00:04	Reindex Data	2017-03-24 12:00:00	1
<input type="checkbox"/> Category Products	Indexed category/products association	Update on Save	REINDEX REQUIRED	NO	22-03-2017 17:00:04	Reindex Data	2017-03-24 12:00:01	0
<input type="checkbox"/> Catalog Search Index	Rebuild Catalog product fulltext search index	Update on Save	REINDEX REQUIRED	NO	22-03-2017 17:00:04	Reindex Data	2017-03-24 12:00:01	0
<input type="checkbox"/> Stock Status	Index Product Stock Status	Update on Save	REINDEX REQUIRED	NO	22-03-2017 18:00:02	Reindex Data	2017-03-24 12:00:01	0
<input type="checkbox"/> Tag Aggregation Data	Rebuild Tag aggregation data	Update on Save	REINDEX REQUIRED	NO	22-03-2017 18:00:02	Reindex Data	2017-03-24 12:00:01	0

Manage your SmartIndexer History

History - Smart Indexer

Page 1 of 1 pages | View 20 per page | Total 7 records found

Clear History

Id	Index Code	Duration Taken	Started At	Ended At
7	Tag Summary	0	2017-03-22 18:00:02	2017-03-22 18:00:02
6	Cataloginventory Stock	0	2017-03-22 18:00:02	2017-03-22 18:00:02
5	Catalogsearch Fulltext	2	2017-03-22 17:00:02	2017-03-22 17:00:04
4	Catalog Category Product	2	2017-03-22 17:00:02	2017-03-22 17:00:04
3	Catalog Uri	2	2017-03-22 17:00:02	2017-03-22 17:00:04
2	Catalog Product Price	1	2017-03-22 17:00:02	2017-03-22 17:00:03
1	Catalog Product Attribute	0	2017-03-22 17:00:02	2017-03-22 17:00:02