

# Search Administration Setup and Statistics

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Learn about using the search feature in Datameer.

## Enabling Datameer for Search

As an administrator:

1. Open Datameer.
2. Navigate to the **Admin tab**.
3. Open the **Search** option from the menu on the left.
4. Click the button **Create Index** or use the following REST call:

```
curl -u <username>:<password> 'http://<Datameer-serverIP>:<port-number>/api/filesystem/files/search/index'
```

The search feature is now enabled.

## Search Index

### Location

Per default the search index is created under `<datameerInstallFolder>/das-data/index`. This location can be configured in the `default.properties` file.

## Recreating the Search Index

### INFO

Creating/Recreating the search index is necessary in the case that you upgraded from a Datameer version without the search feature to version with the search feature.

Recreating the index is also necessary in case the files in the Datameer database are changed by someone other than Datameer. (E.g., By queries from a database administrator.)

To create/ recreate the search index:

1. Open the 'Admin' tab and select "**Search**". *The 'Search' page opens.*

Datameer View Help

File Browser + Admin

System Dashboard

Job Scheduler

Job scheduler is currently running. Press 'Pause' if you want to stop it from submitting new jobs to the cluster. **Pause**

Auto compaction is turned on. Datameer will auto compact small files in the background. Press 'Pause' if you want to stop it from submitting new compaction jobs to the cluster. **Pause**

Running Jobs

ID	Job Name	Triggered by	Started on	Estimated Finish	Progress	Abort

Application Log

Show 1000 recent lines

```

INFO [2020-04-24 09:07:41.506] [HousekeepingService thread-1] (HousekeepingService.java:511) - Searching for obsolete
INFO [2020-04-24 09:07:41.554] [HousekeepingService thread-1] (HousekeepingService.java:529) - Searching for obsolete
INFO [2020-04-24 09:07:41.586] [HousekeepingService thread-1] (HousekeepingService.java:244) - Run outstanding execut

```

2. Click on "Create/Re-index Index". The index to enable file search within the 'File Browser' is re-/created.

Search Settings

**Create/Re-index Index**

*i* Create an index to enable file search within the file browser. Reindex the files that can be searched within Datameer. This might help performance.

## Search Statistics

As an administrator, view the search statistics by navigating to the **Admin** tab, opening **Search** from the menu on the right, and expanding the **Search Statistics** box.

- System Dashboard
- Job History
- Authentication
- Groups
- Roles
- Users
- Mail Server
- Runtime Analytics
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- License

Search Settings

**Create/Re-index Index** ⓘ Create an index to enable file search within the file browser. Reindex the files that can be searched within Datameer. This might help performance.

▼ Search Statistics

Indexed path	build/das-data/browserSearch
Indexed files count	47
Average objects load time	0m 0s 0ms 558777ns
Objects loaded	183
Objects load max time	0m 0s 25ms 527132ns
Objects load total time	0m 0s 102ms 256324ns
Average query time	0m 0s 1ms 171719ns
Query count	105
Slowest query	+type:wkb +*.*
Slowest query time	0m 0s 21ms 46590ns
Total query time	0m 0s 123ms 30564ns
Hibernate search version	4.4.6.Final
Indexed fields	description
	owner
	type
	name
	tag
Internal fields	
	internal_path
	internal_permission.shared
	internal_permission.owner
	internal_permission.other