

# Content Manager

Software Version 10.0

Administration Command Line Tool



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## Overview

The Content Manager administration command tool (TRIMAdminCmd.exe) is a command line based application for administrative tasks in Content Manager, which is controlled through command line switches.

The Content Manager administration command tool allows the administrator to use a command line interface to perform tasks that previously required running an interactive application like Content Manager or Content Manager administration, from within an interactive log on session, typically on a Content Manager server. Using Content Manager administration command tool, administrative commands can be run without interactive log on and can also be run remotely using system administrator tools like psexec.

## Administrative interface

This section introduces you to the following:

- [Command line options, below](#)
- [Obtain settings file, on the next page](#)
- [Monitoring command progress, on the next page](#)
- [Command list, on the next page](#)

## Command line options

To see all command line options, use the `--help` option.

The following table provides a description of the available options:

| Options                       | Description  |
|-------------------------------|--|
| <code>--cmd</code>            | Specifies which command to run.  |
| <code>--wgs</code>            | Specifies a workgroup server URL to connect to. If not specified, the default workgroup configured for the user is used.   |
| <code>--dbid</code>           | Specifies two-character dataset ID to connect to on the workgroup server. If not specified, the default dataset ID configured for the user is used.  |
| <code>--runas</code>          | When connecting to the workgroup server, the Content Manager administration command tool will connect as the Content Manager user corresponding to the Windows user running the process. The <code>--runas</code> option can be used to impersonate other users (but only if the current Windows user has Content Manager impersonation privileges). |
| <code>--settings</code>       | Specifies a path to the XML settings file that the command will use. Most commands require a settings file. The settings file is obtained either by running a command interactively (through Content Manager or Content Manager administration), or by generating and modifying a default settings file.   |
| <code>--createSettings</code> | Creates a settings file for the given command, with default settings. Before running the command, the default settings should be reviewed and modified if needed.  |
| <code>--list</code>           | Lists all available commands.  |
| <code>--help</code>           | Displays command line option help.   |

## Obtain settings file

Most commands require a settings file, in which various command-specific parameters are specified. For example, running Elasticsearch DCI reindex or IDOL reindex commands. For details, see [Command list, below](#).

There are two ways to obtain a settings file:

1. Obtain the settings file from the interactive UI for the command.

In Content Manager administration, run Elasticsearch DCI reindex, and use the UI to configure the relevant options. Select **Only Generate Settings File** checkbox, the settings file will then be saved to the Working Directory.

This settings file can then be used to run the same reindexing command, with the same parameters, from Content Manager administration command tool:

```
TRIMAdminCmd.exe --cmd elasticReindex --settings <path_to_settings_file>
```

2. Use a default settings file.

The Content Manager administration command tool can generate a default settings file for a command, using the `--createSettings` option:

```
TRIMAdminCmd.exe --cmd elasticReindex --settings <path_to_settings_file> --createSettings
```

The generated XML file contains set of parameters that can then be customized to suit the command you wish to run. The command can then be run as:

```
TRIMAdminCmd.exe --cmd elasticReindex --settings <path_to_settings_file>
```

## Monitoring command progress

Most commands have a log file setting to specify where the command should write its log output to.

The log output of the command is also written to the Content Manager administration command tool's console, where it can either be viewed in real time, or piped to a file.

## Command list

The following commands are supported in Content Manager administration command tool, in Content Manager 10.0.

| Command name   | Syntax   | Description  |
|----------------|--|--|
| elasticReindex | TRIMAdminCmd --cmd elasticReindex --settings <path_to_settings_file> | This command reindexes an Elasticsearch document content index. The document content index may be the default instance of the dataset, or it may be another index. |

| Command name        | Syntax  | Description  |
|---------------------|---|--|
|                     |   | This command corresponds to <b>Indexing &gt; Elasticsearch Index &gt; Records</b> in Content Manager administration.   |
| idolReindex         | TRIMAdminCmd --cmd idolReindex --settings <path_to_settings_file>         | <p>This command reindexes a IDOL document content index. The document content index may be the default instance of the dataset, or it may be another index.</p> <p>This command corresponds to <b>Indexing &gt; IDOL Index &gt; Records</b> in Content Manager administration.</p>   |
| docStoreIntegrity   | TRIMAdminCmd --cmd docStoreIntegrity --settings <path_to_settings_file>   | <p>This command performs an integrity check on a Content Manager document store.</p> <p>This command corresponds to the functionality of the <b>TRIM.SDK.DocumentStoreIntegrityCheckTask</b> class, in the Content Manager .NET SDK.</p>   |
| docStoreIncremental | TRIMAdminCmd --cmd docStoreIncremental --settings <path_to_settings_file> | <p>This command performs an incremental check of recent additions to a Content Manager document store.</p> <p>This command corresponds to the functionality of the <b>TRIM.SDK.DocumentStoreIncrementalCheckTask</b> class, in the Content Manager .NET SDK.</p>   |
| dispose             | TRIMAdminCmd --cmd dispose --settings <path_to_settings_file>             | <p>This command performs consignment disposal.</p> <p>This command corresponds to the functionality of the <b>Administration &gt; Disposal &gt; Consignment Disposal</b> in Content Manager administration.</p>  |
| dirSync             | TRIMAdminCmd --cmd dirSync  | <p>This command runs the directory synchronization process that has been configured for the dataset. As the settings are sourced from the dataset configuration, you need not specify a settings file.</p> <p>This command corresponds to the <b>Administration &gt; Import &gt; Directory Synchronization &gt; Run All</b> in Content Manager administration.</p> |