

# Configuring the audit trail

- [Introduction](#)
- [Enable/disable the audit trail](#)
- [Apply the changes](#)
- [Consulting the audit trail log files](#)

**i** Summary: how to **configure** the audit trail.

## Introduction

Out of the box in **2.0.0**, CAST Imaging is configured **automatically to log actions** such as login, logout, import/update, delete of applications via an audit trail feature. In **previous releases**, the audit trail is **disabled out of the box**.

## Enable/disable the audit trail

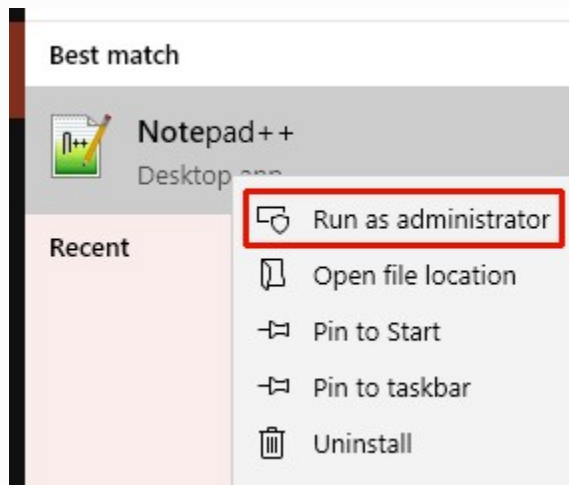
To enable or disable the audit trail, open and edit the following files:

```
Microsoft Windows traditional installer:  
%APPDATA%\CAST\ImagingSystem\imaging\service\imagingetl.bat  
%APPDATA%\CAST\ImagingSystem\imaging\service\imaging\service.bat
```

```
Docker Installer extension (located in the folder created when unzipping the extension):  
server\app.config  
etl\app.config
```

### **i** Microsoft Windows via traditional installer

These files are located in the protected %APPDATA% location, therefore you must open the file with **elevated permission** (this is usually achieved by right clicking your text editor in the Windows start menu and selecting **Run as administrator**):



### Linux

You may need to use elevated permissions to edit these files (for example use **sudo**).

Alter the **AUDIT\_TRAIL** flag and set it to **true (enabled)** or **false (disabled)** depending on your requirements and then **save each file**. If the **AUDIT\_TRAIL** entry is **not present** in the files, then the audit trail will be disabled - if you need to enable it, please add the entry as shown below. The examples below show the audit trail set to true (enabled):

Windows  
traditional installer

imagingetl.bat

```
@echo off
SetLocal EnableDelayedExpansion
for %%a in (%0) do set CMDDIR=%%~dpa
@set PATH=C:\Program Files\CAST\ImagingSystem\jdk\bin;%PATH%

imagingetl.exe      -PORT=9001 ^
                   -NEO4J_BOLT_ENDPOINT=127.0.0.1:7687 ^
                   -NEO4J_USERNAME="neo4j" ^
                   -NEO4J_PASSWORD="imaging" ^
                   -NEO4J_IMPORT_PATH="C:\Program Files\CAST\ImagingSystem
/neo4j/import/" ^
                   -NEO4J_ARCHIVE_PATH="C:\Program Files\CAST\ImagingSystem
/neo4j/import/archive/" ^
                   -NEO4J_IMPORT_BATCH_SIZE=1000 ^
                   -TOKEN "D5ED6A406775FC71B8D2A978883E8ED4" ^
                   -LOG_PATH="C:\Program Files\CAST\ImagingSystem/logs/" ^
                   -LOG_LEVEL=info ^
                   -AUDIT_TRAIL=true

if errorlevel 1 exit /b 1
exit /b 0
```

imagingervice.bat

```
@echo off
SetLocal EnableDelayedExpansion
for %%a in (%0) do set CMDDIR=%%~dpa
@set PATH=C:\Program Files\CAST\ImagingSystem\jdk\bin;%PATH%

imagingervice.exe  -APP_CONFIG "C:
\Users\James\AppData\Roaming\CAST\ImagingSystem\imagingervice/app-config.json" ^
                   -PORT 9000 ^
                   -NEO4J_USERNAME "neo4j" ^
                   -NEO4J_PASSWORD "imaging" ^
                   -NEO4J_BOLT_ENDPOINT "127.0.0.1:7687" ^
                   -NEO4J_IMPORT_PATH "C:\Program
Files\CAST\ImagingSystem\neo4j/import/" ^
                   -TOKEN "D5ED6A406775FC71B8D2A978883E8ED4" ^
                   -LOG_PATH="C:\Program Files\CAST\ImagingSystem
/logs/" ^
                   -LOG_LEVEL=info ^
                   -AUDIT_TRAIL=true

if errorlevel 1 exit /b 1
exit /b 0
```

## Docker for Linux /Windows

### server/app.config

```
{
  "PORT": "9000",
  "NEO4J_USERNAME": "neo4j",
  "NEO4J_PASSWORD": "imaging",
  "NEO4J_BOLT_ENDPOINT": "neo4j:7687",
  "ETL_ENDPOINT": "etl:9001",
  "TOKEN": "__my_token__",
  "NEO4J_IMPORT_PATH": "/opt/imaging/imaging-service/upload/",
  "LOG_PATH": "/opt/imaging/imaging-service/logs/",
  "LOG_LEVEL": "debug",
  "AUDIT_TRAIL": true,
  "APP_CONFIG": "app-config.json"
}
```

### etl/app.config

```
{
  "PORT": "9001",
  "NEO4J_BOLT_ENDPOINT": "neo4j:7687",
  "NEO4J_USERNAME": "neo4j",
  "NEO4J_PASSWORD": "imaging",
  "TOKEN": "__my_token__",
  "NEO4J_IMPORT_PATH": "/opt/imaging/imaging-etl/upload/",
  "NEO4J_ARCHIVE_PATH": "/opt/imaging/imaging-etl/upload/archive/",
  "NEO4J_IMPORT_BATCH_SIZE": "1000",
  "LOG_PATH": "/opt/imaging/imaging-etl/logs/",
  "LOG_LEVEL": "debug",
  "AUDIT_TRAIL": true
}
```

## Apply the changes

Restart all CAST Imaging services to apply the changes.

## Consulting the audit trail log files

When enabled, audit trail log files are located here:

```
Microsoft Windows traditional installer:
%PROGRAMFILES%\CAST\ImagingSystem\logs\audit-trail.log
```

```
Docker Installer extension (located in the folder created when unzipping the extension):
logs\audit-trail.log
```