



How to configure the Denodo Monitor to delete old log files

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1 GOAL

This document explains the steps that can be followed to delete old Denodo Monitor log files using Custom Monitors. We recommend testing the changes in lower environments before applying the changes on a production environment.

2 INTRODUCTION

The [Denodo Monitor](#) is the component which is majorly used to monitor the Denodo servers and by default it stores all the information in log files. We can keep the Denodo Monitor running indefinitely to log all the events happening in the server which can later be used for diagnosis purposes.

Over time, the amount of log files may increase and it may consume a lot of space in the system. For instance, there may be log files which are being generated for more than one year and at some point of time, we will want to either archive the old log files or simply delete them. We will see how Custom Monitors can be used to delete older log files.

3 CUSTOM MONITORS

Custom Monitors are local monitors which can be used to execute different customizable commands. These monitors can be configured in the ConfigurationParameters.properties file located under <DENODO_MONITOR_HOME>/conf folder.

Typically, the below properties are available for Custom Monitors:

```
monitors.custom=<name_of_custom_monitor>

<name_of_custom_monitor>.interval
<name_of_custom_monitor>.log.datepattern
<name_of_custom_monitor>.command
```

- The property 'monitors.custom' contains the list of names of the different Custom Monitors that are used.
- For each Custom Monitor, the interval (in seconds) is the property which indicates when the monitor should be executed based on the time interval.
- The Custom Monitor log file's date pattern can be altered based on the log.datepattern property.
- The command property is the action that will be performed by the Custom Monitor.

This article explains examples related to the monitor configurations which can be used in the following two scenarios:

- Monitoring started using the standalone Denodo Monitor setup.
- Monitoring started via Solution Manager.

3.1 **MONITORING STARTED USING THE STANDALONE DENODO MONITOR SETUP**

When Denodo Monitor (by default, available under the <DENODO_HOME>\tools\monitor\denodo-monitor\ folder) is used, stop the process and edit the ConfigurationParameters.properties file located under <DENODO_MONITOR_HOME>\conf folder to include the below lines. These properties are available under Custom monitors settings and you can just uncomment and edit the properties as below.

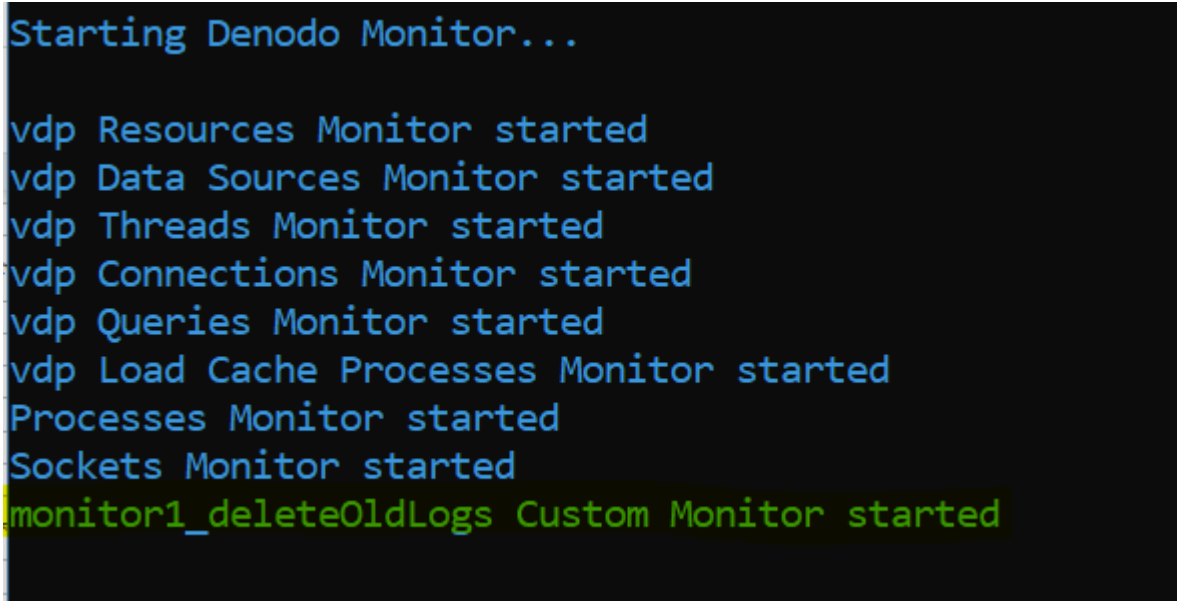
```
monitors.custom=monitor1_deleteOldLogs
monitor1_deleteOldLogs.interval=10
monitor1_deleteOldLogs.log.datepattern=yyyy-MM-dd
monitor1_deleteOldLogs.command=cmd /c FORFILES /p ..\logs /D -5 /C "cmd /C del @path"
```

The above example command is based on a Windows environment. In case if Denodo Monitor is being used in a Linux environment, a command based on below example format can be used:

```
monitor1_deleteOldLogs.command=find ../logs -type f -mtime +5 -exec rm -f {} \;
```

The example based on the above properties will delete log files which are older than 5 days. Ideally, it would backtrack to the logs folder where the Denodo Monitor logs are available and remove the appropriate files. The values of the properties and commands can be modified as required.

After saving the above configuration, when the Denodo Monitor is started, the related Custom Monitor is also started.



```
Starting Denodo Monitor...  
  
vdp Resources Monitor started  
vdp Data Sources Monitor started  
vdp Threads Monitor started  
vdp Connections Monitor started  
vdp Queries Monitor started  
vdp Load Cache Processes Monitor started  
Processes Monitor started  
Sockets Monitor started  
monitor1_deleteOldLogs Custom Monitor started
```

Now, the log files older than 5 days would get deleted from the Denodo Monitor logs folder.

3.2 MONITORING STARTED VIA SOLUTION MANAGER

When Monitoring is started via the Solution Manager, then modify the template file of Denodo Monitor's Configuration file available in the Solution Manager installation.

To enable the Custom Monitor, edit the file ConfigurationParametersGeneral.template located under <SOLUTION_MANAGER_HOME>\conf\solution-manager\denodo-monitor folder in the same way as in the previous section.

Now, on starting Monitoring via the Solution Manager Administration Tool, the log files older than 5 days will get deleted from the respective folder.

Similarly, users can configure the Custom Monitor's commands based on the requirements and the OS used.

Note that the above examples will delete the log files and it may not be possible to retrieve them back. Keep this in mind before configuring the Denodo Monitor to delete log files.

4 REFERENCES

[Configuring the Denodo Monitor
Monitoring \(Solution Manager\)
FORFILES](#)