d.velop

d.ecs monitor for d.3 hostimp: Administrator

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1. d.ecs monitor for d.3 hostimp

1.1. Introduction

1.1.1. About d.ecs monitor for d.3 hostimp

You can use d.ecs monitor for d.3 hostimp to monitor d.3 server host import processes. Basically, the d.3 server host import directories are monitored at configurable intervals and checked for errors or, optionally, for files that are too old.

The results of the verification are forwarded to d.ecs monitor, which is responsible for the interpretation and further processing of the determined data.

1.1.2. Prerequisites

This documentation is intended for system administrators who want to monitor their d.3 system with d.ecs monitor.

This documentation describes the installation and configuration of the d.ecs monitor for d.3 hostimp.

1.2. Installation

1.2.1. Installation d.ecs monitor for d.3 hostimp

Installing a wrapper

There are different possibilities for the installation of a wrapper for d.ecs monitor.

Via d.ecs monitor

This application is automatically included in the scope of delivery of d.ecs monitor from version 1.6.0. You can install the application on the desired target computers via the monitoring components distribution. For more information about the installation, please refer to the d.ecs monitor documentation in the chapter Wrapper.

Manual installation

To install on the desired target computer, start the setup and follow the instructions.

> **Note**
> The Windows service for d.ecs monitor, d.ecs monitor agent and the d.ecs monitor wrappers must run under the account of a local system or an account with local administration rights.
>
> This is necessary because the Windows services provide web services that are bound to the hostname to enable operation in a d.ecs http gateway cluster.

1.3. Configuration

1.3.1. Web interface

There are two ways to reach the d.ecs monitor for d.3 hostimp configuration page.

- Open the URL https://<base address>/monwwa<Hostname>/config
- Via the **Linked Pages** of the **d.ecs monitor for d.3 hostimp** object in the d.ecs monitor.

The following illustration shows the main configuration page. On this page you get an overview of all directories currently monitored by d.ecs monitor for d.3 hostimp.

Konfigurationen

Suchen nach...

Zentrale Konfiguration
Hier können Sie für sämtliche Konfigurationen zentrale Standardwerte setzen.

Verzeichnis

C: \ d3 \ hostimp \ **D3P**

C: \ d3 \ hostimp \ **D3T**

d3-server \ global-hostimp-directory \ **D3P**

Click on an entry in the list to open the detailed view of the corresponding configuration.

Use the link **Central configuration** to navigate to the page where you can make global settings for all configurations.

The following illustration shows the configuration of a directory in detail. You can adjust the configuration in this view. A short description of the adjustable values is also available in the web interface by clicking on a help icon.

Konfiguration

Verzeichnis:

C:\d3\hostimp\D3P

ⓘ ▸ Allgemein

Intervall [min]:

1

Ignorierte Dateien

Dateiname:

default.ini

Dateiname:

thumbs.db

Dateiname:

desktop.ini

ⓘ ▸ Dateialter

☑ Überwache Dateialter

Maximales Dateialter in Tagen:

2

More information about the configuration options:

Directory

- The directory of a configuration is not customizable. The monitored directories are automatically read from the configuration files of d.3 process manager and the hostimp configurations.

Interval [min]

- This value determines how often d.ecs monitor for d.3 hostimp analyzes the directory of this configuration. The time range is in minutes.

Ignored files

- By inserting an entry in the list of ignored files, these are not relevant for the age check. This is useful for files that are permanently located in the import directory and are not processed by d.3 hostimp.

Observe file age

- With this parameter an age monitoring of the files in the directory can be activated or deactivated. If age monitoring is enabled, d.ecs monitor for d.3 hostimp warns of files that have remained in the directory longer than allowed.

Maximum file age in days

- This value determines the maximum file age a file may have before it is classified as too old in the age monitoring.

Central configuration

- The following figure shows the central configuration options.

Zentrale Konfiguration

Standard für obere Fehlergrenze

Diese Einstellung verändert den Standardwert für die obere Fehlergrenze bei Überwachungsobjekten. Nur Überwachungsobjekte, welche die Anzahl an Fehler-Dateien überwachen, nutzen diesen Standardwert. Der Wert kann in d.ecs monitor für jedes Überwachungsobjekt nachträglich angepasst werden.

> ℹ Neu angelegte Konfigurationen werden den neuen Standardwert direkt nutzen. Für existierende Konfigurationen muss die Anwendung neugestartet werden.

Standard für obere Fehlergrenze

1

Repository für Fehlerbehebung

Diese Einstellungen haben Einfluss auf die Suche einer verknüpften Datei. Im Fall, dass ein Import fehlgeschlagen ist, wird im ausgewählten Repository nach der Dokumentnummer gesucht.

Ausgewähltes Repository:

Standardmäßiges d.3one Repository ▼

Default for upper error limit

- The value used in d.ecs monitor for the monitoring objects to monitor the number of errors as the upper error limit.

Selected repository at **Troubleshooting repository**

- The d.3one repository in which files are searched for by their document number during troubleshooting. The selected repository is relevant for the function **Show associated file** when managing error files.

Deactivated configurations

- Under certain conditions, configurations are disabled by the application. These terms are:

1. The directory entry has been removed from all hostimp configurations.
2. A directory cannot be successfully analyzed.

- If one or more configurations are deactivated, this is shown in the configuration overview.

If you want to delete configurations permanently, you can do this by clicking on the delete icon.

The details page also displays a hint about disabled configurations.

Here you can use **Delete** to delete the configuration.

1.3.2. Configuration file

You can use a configuration file to make more general settings for the application.The configuration file is located in the installation directory in the subfolder **conf**. The configuration file is called **appsettings.config**.

Example:

Is d.ecs monitor for d.3 hostimp in directory

```
C:\d3\d.ecs monitor for d.3 hostimp\
```

so that the application is located in the directory

```
C:\d3\d.ecs monitor for d.3 hostimp\bin\
```

the configuration file should have the following path:

```
C:\d3\d.ecs monitor for d.3 hostimp\conf\appsettings.config
```

> **Note**
>
> If necessary, folders and configuration file must be created first.

> **Note**
>
> Changes to the configuration file are only accepted when the program is restarted.

The empty **appsettings.config** file consists of the following XML root elements:

```xml
<?xml version="1.0" encoding="utf-8"?>
<appSettings>
</appSettings>
```

For each setting to be made, an element is then added below the **<appSettings>** node. The structure of these items is always as follows:

```xml
<add key="[key]" value="[value]" />
```

Values can be entered for the following keys:

port

- This key can be used to specify a fixed port. The application then tries to use the default port at startup. If the port is already occupied, the application cannot start.
- Possible values are integers.
- If the key is not specified, a random port is used.

protocol:

- This key determines with which protocol the web server of the application is to be started.
- Possible values are "http" and "https".
- If the key is not specified, "http" is used by default.

> **Warning**
>
> If the application is to be executed with HTTPS, further settings must be made.
>
> Set a fixed port. A specified port is necessary because the HTTPS protocol must be activated for this port with a corresponding certificate from the Windows certificate store.
>
> Register the address of your application using the following command (replace "Jeder" with "Everyone" on English systems if necessary):
>
> ```
> netsh http add urlacl url=https://[HOST]:12345/ user=Jeder
> ```
>
> Use the following command to register your certificate:
>
> ```
> netsh http add sslcert ipport=0.0.0.0:12345
> certhash=[Fingerabdruck des zu verwendenden Zertifikats]
> appid={[GUID]}
> ```
>
> Note that the GUID may only be assigned once per system.

enableErrorhandling

- Affects the feature to visualize the occurred user data of the errors with the help of the d.ecs monitor for d.3 hostimp. The function can be deactivated for safety reasons. Further information about this feature can be found in chapter Management of d.3 hostimp error files.
- Possible values are "true" and "false".
- If the key is not specified, "true" is used by default. If a value other than one of the possible values is given, the value "false" is used.

Example:

A configuration file with all possible adjustments could look like this:

```xml
<?xml version="1.0" encoding="utf-8"?>
<appSettings>
  <add key="enableErrorhandling" value="false" />
  <add key="port" value="4200" />
  <add key="protocol" value="https" />
</appSettings>
```

1.4. Management of d.3 hostimp error files

The web interface of d.ecs monitor for d.3 hostimp allows you to process existing `.err` files created by d.3 hostimp processes.

> **Warning**
>
> This feature is enabled by default. In the next step, read how you can disable processing if, for example, security aspects require it.

1.4.1. Basic information

You can disable this feature if you do not want to use it. Then the user data of the errors will not be visualized using the d.ecs monitor for d.3 hostimp.

To do this, a parameter must be set in the configuration file of the application. The information on the configuration can be found in chapter Configuration file.

Whether the feature is activated can be seen in the tile of the product information. Here the map **Runtime information** shows whether the administration is currently activated or deactivated:

Alternatively, if the feature is disabled, an error message will be displayed when the troubleshooting page for errors is called:

Access to troubleshooting is via the linked pages in d.ecs monitor.

1.4.2. Directory management

On the Troubleshooting page, a list entry is created for each monitored directory in which error files are located. With a click on the entry you can navigate to the overview page for the respective directory.

When the directories are displayed, the number of errors found in the directory is displayed in addition to the directory name.

Error list

C:\d3\hostimp\D3P - Fehlerliste

| Import für alle Fehler erneut versuchen | Alle Fehler in Unterverzeichnis verschieben |

Suchen nach...

Dateiname

fehler1

fehler2

On this page all existing errors will be listed. Use the search field to filter them by name. Multiple functions can be applied to an entire directory:

Restart import for all errors

- In some cases it makes sense to start a new import of all error files. This can be done using this function.

Move all errors to subdirectory

- This function opens a move wizard. In the move wizard, all error files can be moved from the selected directory. Furtherer information can be found in the chapter File Move Wizard.

You can now navigate to the details of this error by clicking on a list element.

Details of an error

This page displays detailed information about an error.

If you have not activated error management, the following note is displayed instead of the detailed information:

Verwaltung von d.3 hostimp Fehlerdateien deaktiviert

If administration is activated, the following overview of the error is given instead.

Fehlerdetails

Import erneut starten | Dateivorschau anzeigen ↗ | Verknüpfte Datei anzeigen ◆ | In Unterverzeichnis verschieben

Verzeichnis:

C:\d3\hostimp\D3P

Dateiname:

fehler1 | .pdf

Dateiendungen zugehöriger Dateien :

.err | .jpl | .pdf.tis

Fehlerinformationen

ERR-Dateiinhalt

Error No. -2

Fehlercode Details

Fehlercode	Beschreibung
-2	Dokumentnummer nicht vorgegeben oder Dokumentart nicht oder falsch vorgegeben

JPL-Dateiinhalt

Die Dokumentnummer ("zeich_nr") konnte nicht in der JPL-Datei gefunden werden.

The header of the page contains basic functions for this error:

Restart Import

- This function deletes the **.err** file and renames the user document in the correct format next to the error file. This will cause d.3 hostimp to retry the import process.

Show file preview

- This function allows the document file for this error to be displayed. If possible, the document file is displayed in the browser or downloaded via the browser.

Show associated file

- This function can be used to display an already imported document in d.3one. The system attempts to identify the document using the document number.

Move to subdirectory

- This function opens a wizard, with which all associated files of this error can be moved to a sub-directory.

> **Note**
>
> The function buttons may not be available. A info text can be displayed via the hint icon in the deactivated button and gives further information about why a function is currently not available.

Error information

- The second section of the page gives more detailed information about the error. Here error code (with corresponding message for this code) and error message are displayed if these could be extracted from the error file. All file extensions that could be found for this error are also listed.

JPL file content

- Finally, the contents of the JPL file are displayed for this error. In edit mode, the content of the JPL file can be adjusted.

File Move Wizard

You can call this wizard for a directory or a single error.

In the wizard header, you can view information about the files you want to move.

The second section provides information about the wizard condition.

Finally, you need to select a directory to move the error files to. If you confirm the selection, the file is moved and the result of the file movement is displayed:

Einstellungen der Dateienverschiebung

✔ Ergebnisse der Dateienverschiebung

Anzahl erfolgreicher Dateiverschiebungen: 3
Anzahl fehlgeschlagener Dateiverschiebungen: 0

OK

1.5. Additional information sources and imprint

If you want to deepen your knowledge of d.velop software, visit the d.velop academy digital learning platform at https://dvelopacademy.keelearning.de/.

Our E-learning modules let you develop a more in-depth knowledge and specialist expertise at your own speed. A huge number of E-learning modules are free for you to access without registering beforehand.

Visit our Knowledge Base on the d.velop service portal. In the Knowledge Base, you can find all our latest solutions, answers to frequently asked questions and how-to topics for specific tasks. You can find the Knowledge Base at the following address: https://kb.d-velop.de/

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