

# Installing Talend servers as Windows services

Rabu, 17 Juli 2019 10.35

## Installing Talend servers as Windows services

The following pages contain procedures on how to install *Talend* servers as Windows services.

- [Installing Talend Runtime as a service](#)
- [Installing Talend Log Server as a service](#)

## Installing Talend Runtime as a service

The Talend Runtime container is based on Apache Karaf. Karaf Wrapper (for service wrapper) makes it possible to install the Talend Runtime container as a service.

To install Talend Runtime as a service, you first have to install the wrapper, which is an optional feature:

### Installing the wrapper

Browse to the *bin* folder of the Talend Runtime installation directory, then launch the container by executing the *trun.bat* file in Administrator mode.

To install the wrapper feature, type:

```
karaf@trun> feature:install wrapper
```

Once installed, wrapper feature will provide wrapper:install new command in the *trun*, which allows you to install Talend Runtime as a service.

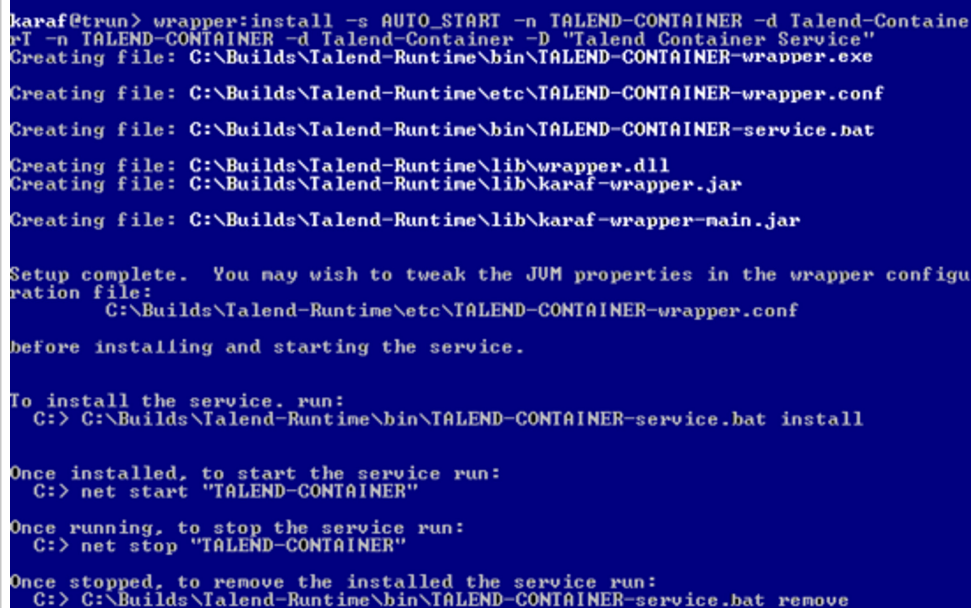
To install the service, type in the following command:

```
karaf@trun> wrapper:install
```

Alternatively, to register the container as a service in automatic start mode, simply type:

```
karaf@trun> wrapper:install -s AUTO_START -n TALEND-CONTAINER -d Talend-Container -D "Talend Container Service"
```

where TALEND-CONTAINER is the name of the service, Talend-Container is the display name of the service and "Talend Container Service" is the description of the service.



```
karaf@trun> wrapper:install -s AUTO_START -n TALEND-CONTAINER -d Talend-Container -D "Talend Container Service"
Creating file: C:\Builds\Talend-Runtime\bin\TALEND-CONTAINER-wrapper.exe
Creating file: C:\Builds\Talend-Runtime\etc\TALEND-CONTAINER-wrapper.conf
Creating file: C:\Builds\Talend-Runtime\bin\TALEND-CONTAINER-service.bat
Creating file: C:\Builds\Talend-Runtime\lib\wrapper.dll
Creating file: C:\Builds\Talend-Runtime\lib\karaf-wrapper.jar
Creating file: C:\Builds\Talend-Runtime\lib\karaf-wrapper-main.jar

Setup complete. You may wish to tweak the JVM properties in the wrapper configuration file:
C:\Builds\Talend-Runtime\etc\TALEND-CONTAINER-wrapper.conf
before installing and starting the service.

To install the service, run:
C:> C:\Builds\Talend-Runtime\bin\TALEND-CONTAINER-service.bat install

Once installed, to start the service run:
C:> net start "TALEND-CONTAINER"

Once running, to stop the service run:
C:> net stop "TALEND-CONTAINER"

Once stopped, to remove the installed the service run:
C:> C:\Builds\Talend-Runtime\bin\TALEND-CONTAINER-service.bat remove
```

The wrapper files are installed, you now have to install the Talend Runtime service.

In the following procedure, TALEND-CONTAINER is the name of the service and is only given as an example.

### Installing the service

Open a CMD window in Administrator mode.

Browse to the *bin* folder of the Talend Runtime installation directory, then type in the following command:

```
TALEND-CONTAINER-service install
```

The Talend Runtime service is created and can be viewed by selecting **Control Panel >**

**Administrative Tools > Services** in the **Start** menu of Windows.

You can then run the net start "TALEND-CONTAINER" and net stop "TALEND-CONTAINER" commands to

manage the service.

To remove the service, type in the following command in the command window:

TALEND-CONTAINER-service.bat remove

#### Installing Talend Log Server as a service

To install Talend Log Server as a service, proceed as follows:

Download the *nssm* service wrapper archive file from [this website](#) and extract it to the directory of your choice.

It holds a service wrapper for Windows.

At the root of the Talend Log Server installation directory:

- Put the *nssm.exe* file corresponding to your operating system.
- Create a directory called *sinceadb*.

Open a CMD window in Administrator mode.

Browse to the Talend Log Server installation directory and execute the following command:

```
nssm.exe install TalendLogserver start_logserver.bat
```

Then, use the following command to define the location of the *start\_logserver.bat* file:

```
nssm.exe set TalendLogserver AppDirectory <path_to_start_logserver.bat>
```

The Talend Log Server service is created.

#### Supported Third-Party System/Database/Business Application Versions

This document provides the information about the versions of the systems or databases or business applications supported by Talend Studio.

#### Supported systems, databases and business applications by Talend components

The access to these systems, databases and business applications varies depending on the Studio you are using.

Systems/Databases	Versions	OS
<b>Access<sup>1</sup></b>	2003 2007	Windows
<b>Alfresco</b>	2.1	N/A
<b>Amazon Redshift</b>	Initial release of Amazon Redshift	N/A
<b>AS/400</b>	V5R2 to V5R4 V5R3 to V6R1 V6R1 to V7R2	N/A
<b>Bonita</b>	5.2.3 5.3.1 5.6.1 5.10.1 6.5.2 7.2.4	N/A
<b>Cassandra</b>	2.0.0 3.0/3.1/3.2/3.3/3.4 (Deprecated versions: 1.1.2/1.2.2)	Windows + Linux
<b>CouchBase</b>	2.0	Windows
<b>CouchDB</b>	1.0.2	Windows
<b>DB Generic</b>	ODBC	Windows
<b>DynamoDB</b>	No specified version	N/A
<b>Elasticsearch</b>	Until 2.3.X	N/A
<b>EXASolution</b>	4	Windows
<b>eXist-db</b>	1.4.0	N/A
<b>FireBird</b>	2.1	Windows + Linux
<b>Greenplum</b>	4.2.1.0	Windows (client only) + Linux
<b>HSQLDb</b>	1.8.0	N/A

<b>IBM DB2 and IBM DB2 Z/OS</b>	10.5 10.1	Windows + Linux
<b>Informix</b>	11.50	Windows + Linux
<b>Ingres</b>	9.2	Windows + Linux
<b>Interbase</b>	7 and above	N/A
<b>JavaDB</b>	6	Windows + Linux
<b>Kafka</b>	0.8.2.0 0.9.0.12 0.10.0.12	Windows + Linux
<b>LDAP</b>	No version limitation	Windows + Linux
<b>MaxDB</b>	7.6	N/A
<b>Microsoft AX</b>	Dynamics AX 4.0 Dynamics AX 2012	N/A
<b>Microsoft CRM</b>	2011 2013 2015	N/A
<b>Microsoft SQL Server</b>	2000 2003 2005 2008 2012 2014 3 2016 3 Azure SQL Database	Windows + Linux
<b>MongoDB</b>	2.5.X 2.6.X 3.0.X 3.2.X	Windows + Linux
<b>MySQL</b>	Mysql4 Mysql5 MariaDB	Windows + Linux
<b>Neo4j</b>	1.X.X 2.X.X/2.2.X/2.3	Linux
<b>Netezza</b>	7.0.x 7.1.x 7.2.x	Windows + Linux
<b>OleDb</b>	2000 2003 2005 2007 2010	N/A
<b>Oracle</b>	Oracle 8i/9i/10g/11g/12c Release 1	Windows + Linux
<b>ParAccel</b>	3.1 3.5	N/A
<b>PostgreSQL</b>	Prior to v9/v9.X	Windows + Linux
<b>PostgresPlus</b>	Prior to v9/v9.X	Windows + Linux
<b>Red Hat BRMS</b>	6.1	Windows + Linux
<b>Salesforce</b>	V37 and earlier	Windows + Linux

<b>SAP</b>	ECC 6.0 EhP6	Windows
<b>SAP HANA</b>	1.0	Windows
<b>SAS</b>	9.1 9.2	Windows + Linux
<b>SQLite</b>	3.6.7	Windows + Linux
<b>Sybase</b>	12.5 12.7 15.2 15.5 15.7	Windows + Linux
<b>SybaseIQ</b>	12.5 12.7 15.2	Windows + Linux
<b>Teradata</b>	12 13 14 15	Windows + Linux
<b>VectorWise</b>	2	Windows + Linux
<b>Vertica</b>	3 3.5 4 4.1 5.0 5.1 6.0 6.1.X 7.0.X 7.1.X	Windows + Linux
<b>VtigerCRM</b>	Vtiger 5.0 Vtiger 5.1	N/A

1. When working with Java 8, only the General collation mode is supported.
2. For information about the security options supported by the Kafka components, see Talend Help Center.
3. No new feature introduced by MS SQL Server 2014/2016 is supported.

From <[https://help.talend.com/reader/UWFuhgKld3ALd88u\\_Nl1EQ/FZb\\_RZgiNtCJay7Cm2Jj\\_w](https://help.talend.com/reader/UWFuhgKld3ALd88u_Nl1EQ/FZb_RZgiNtCJay7Cm2Jj_w)>