

User guide
for
DAKOSY AppStart

Version 1.1

DAKOSY

DAKOSY

Datenkommunikationssystem AG

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Created by:	Jan Heins	Tech. L.		on:	22.10.2019
Changed by:	Jan Heins	Tech. L.		on:	22.10.2019
Reviewed by:	Marc Cent	MA		on:	29.10.2019
Approved by:	Niels Martens	AL		on:	29.10.2019
Repository:	Projekt-Ordner				
File:	DAKOSY_AppStart-1.1-en.docx				
Distribution:	DAKOSY website				

Document changes

Version	Section	Reason	Name	Date
1.0	All	Creation	Jan Heins	22.10.2019
1.1	2.2, 4.3 added, fax no. removed	Change	Jan Heins	13.05.2022

Change requests and comments on this document the following DAKOSY department is in charge:

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1. Preamble

DAKOSY AG provides its customers with applications based on Java (i.e. DAKOSY GE, DAKOSY Internet Client, JGegis).

Oracle Java updates released after April 2019 are no longer free of charge for commercial use.¹ We therefore provide our customers with a new program called DAKOSY AppStart at no charge. It can be used to run DAKOSY applications based on Java. There is no Oracle Java license required.

The installation and use of DAKOSY AppStart is documented in this user guide.

Oracle Java is still free of charge for personal use, development, testing, prototyping and some other uses.

If you are a licensee of the Oracle Java Standard Edition with Java Web Start you don't need to run or install DAKOSY AppStart.

2. Getting started

2.1 Client PC system requirements

- Microsoft Windows 7 / 8 / 8.1 / 10
- 4GB main memory
- 500MB HDD / SSD storage
- Internet connectivity (direct or via a proxy server)

2.2 Installation file download

Download the installation file "DakosyAppStart-Setup.exe" from the following DAKOSY web page:

<https://www.dakosy.de/support/dakosy-appstart>

¹ In 2021 Oracle changed their Java licensing again. More information can be found here: <https://www.oracle.com/java/technologies/javase/jdk-faqs.html>

2.3 Installation process

The installation process requires administration level access on your client PC. If you do not have administration level access on your PC please contact your IT service.

Run the installation process by executing the setup file.

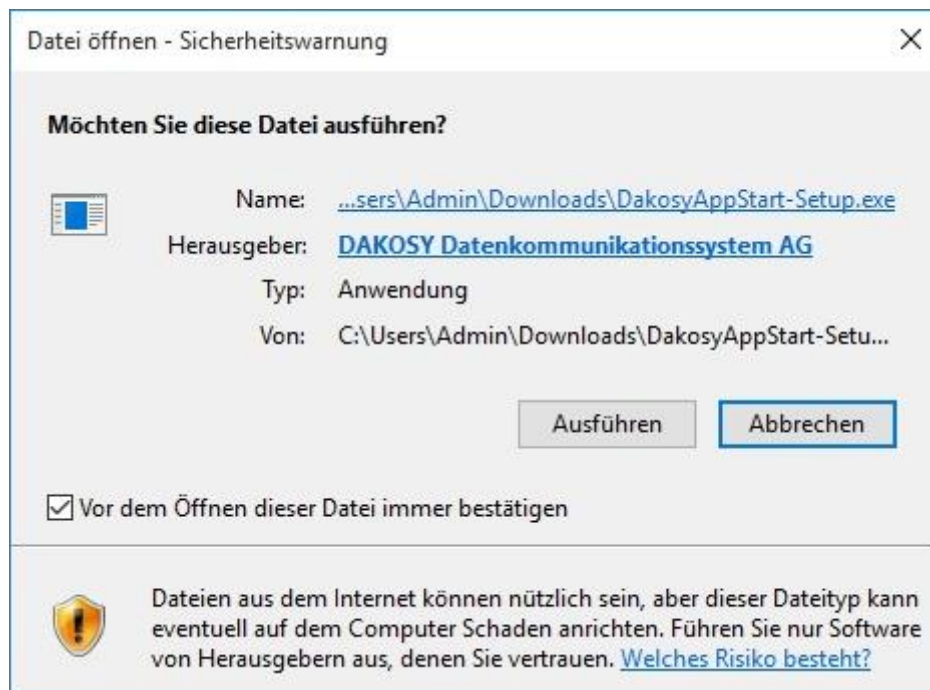


Figure 1: Microsoft Windows open file security warning

Microsoft Windows 7 shows the following dialog. Confirm the dialog by clicking “yes“.

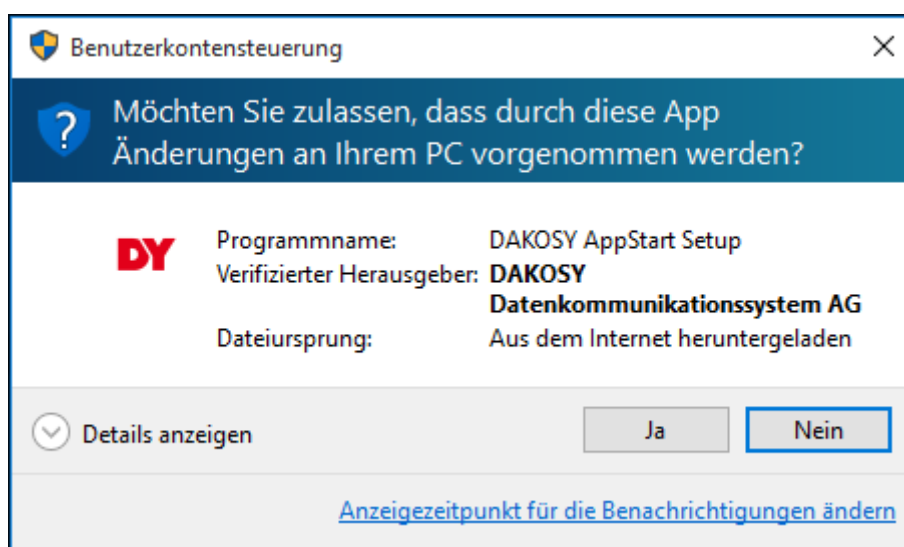


Figure 2: User Account Control in Microsoft Windows 7

On Microsoft Windows 10 you want to confirm a slightly different looking dialog with “yes”:

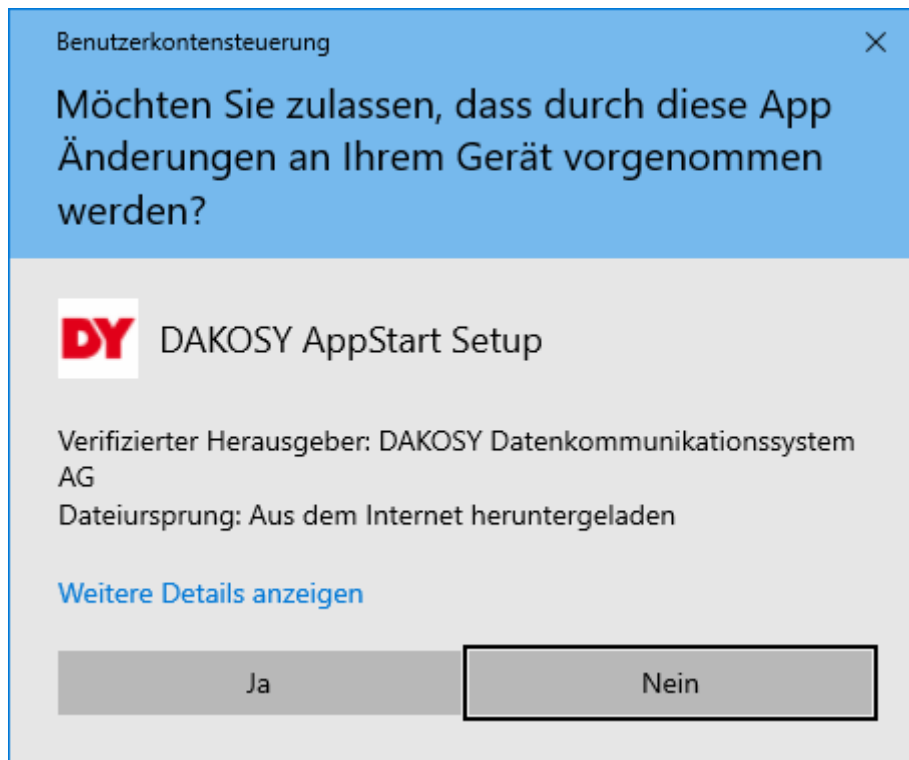


Figure 3: User Account Control in Microsoft Windows 10

After picking a language for the setup routine...

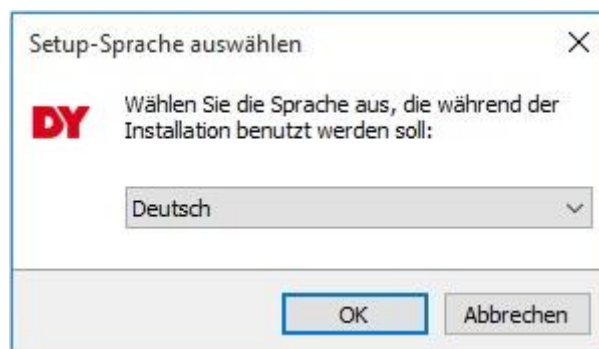


Figure 4: Setup language

...the main dialog of the setup program appears. Confirm the installation process by clicking on "Install".

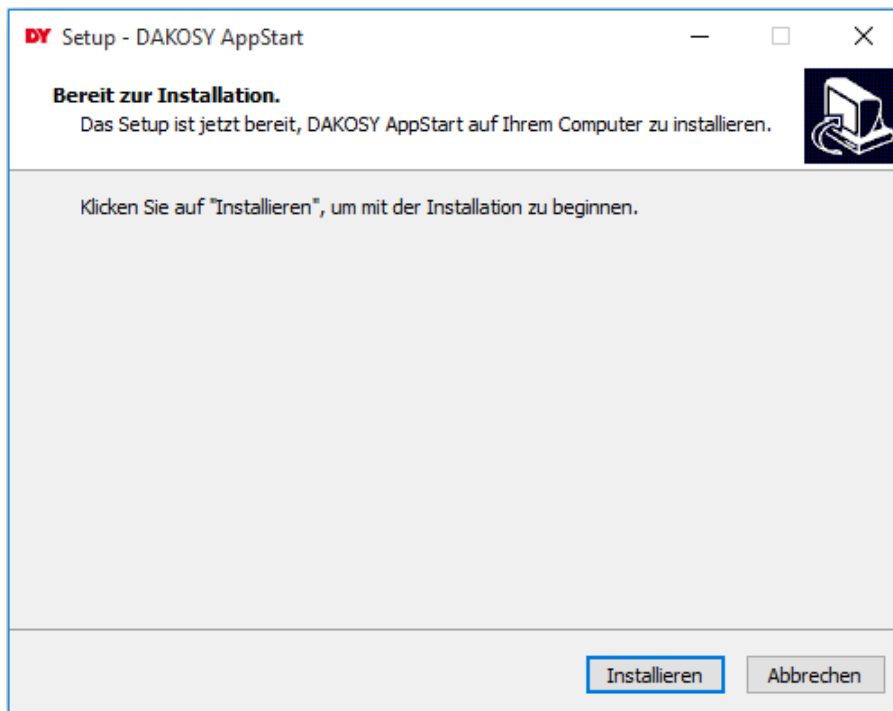


Figure 5: Installation confirmation

Subsequently the required files will be copied into the directory

C:\Programme (x86)\DAKOSY\AppStart

on your drive.

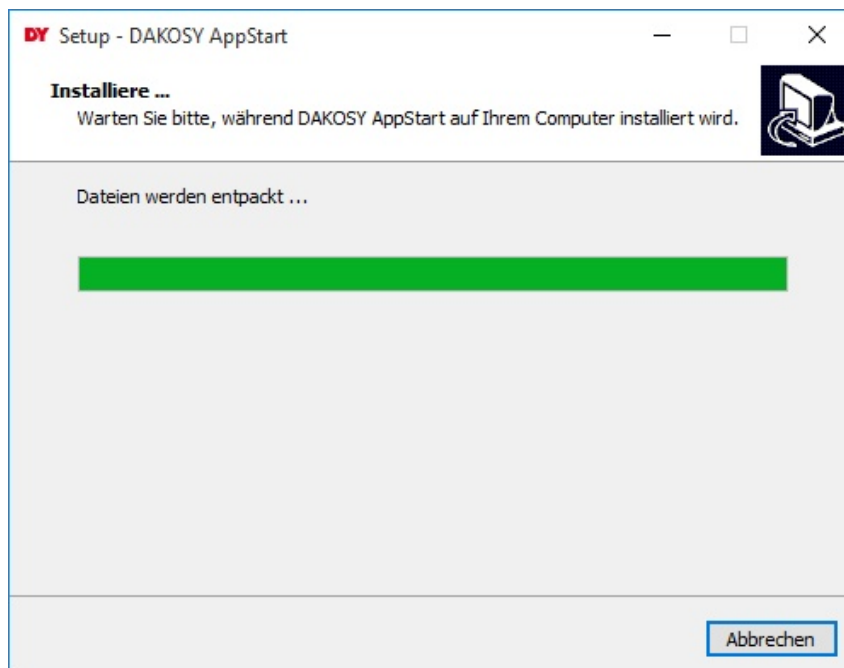


Figure 6: Setup progress bar

Afterwards the last dialog appears. It shows a successful installation.



Figure 7: Setup end dialog

The file extension “.dnlp” will be associated with the program “DakosyAppStart.exe” to launch the program directly when double clicking a .dnlp file on your client PC.

2.4 How DAKOSY AppStart works

DAKOSY AppStart is a bootstrap program for DAKOSY applications.

What program is launched is determined by the .dnlp file that is downloaded or directly launched from a DAKOSY webpage, i.e. on the landing page of DAKOSY GE or the main DAKOSY application portal.

Every web browser (Mozilla Firefox, Google Chrome, etc.) in general provides an open dialog window when a file is downloaded.

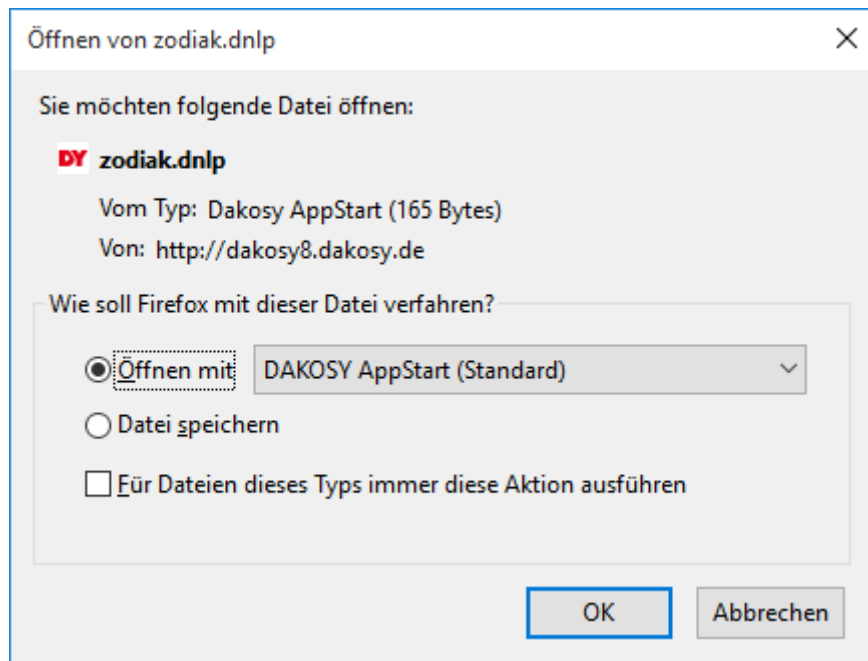


Figure 8: File open dialog in Mozilla Firefox

You may want to check the box “Do this automatically for files like this from now on” to avoid being asked every time you open a .dnlp file from a web page.

When launching a specific DAKOSY application for the first time a link will be created on your desktop you may use to launch the application without pointing your browser to a DAKOSY web page.

2.5 Java Runtime Environment

When launching DAKOSY Java-based applications with DAKOSY AppStart you do not need a separate Java runtime environment installed on your client PC. AppStart will download an open source version of a Java runtime environment in background dependent on the DAKOSY application.

This Java runtime environment will only be used with the DAKOSY application and will not be registered in the Microsoft Windows operating system and therefore is independent of other Java runtime environments you may have installed on your client PC.

3. Removing DAKOSY AppStart

Microsoft Windows 7

Navigate in Windows to *Start > Control panel > Programs and features*, select entry “DAKOSY AppStart” and click “Uninstall”. Follow the instructions on screen.

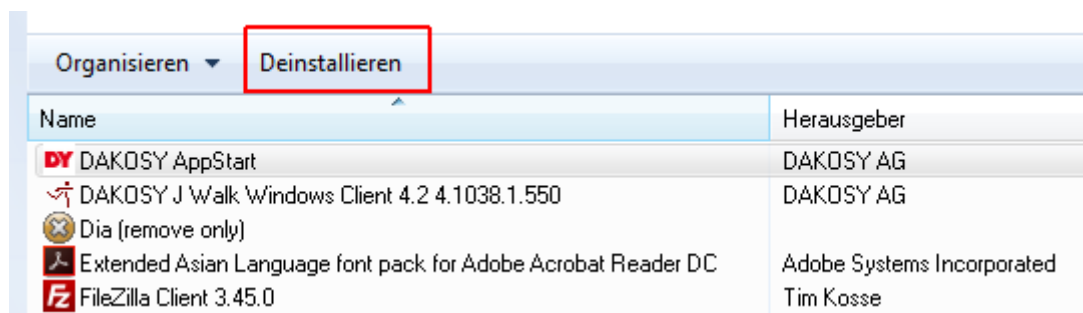


Figure 9: Uninstall application in Microsoft Windows 7

Microsoft Windows 10

Navigate in Windows to *Start > Settings > Apps > Apps & Features*, select entry “DAKOSY AppStart” and click “Uninstall”. Follow the instructions on screen.

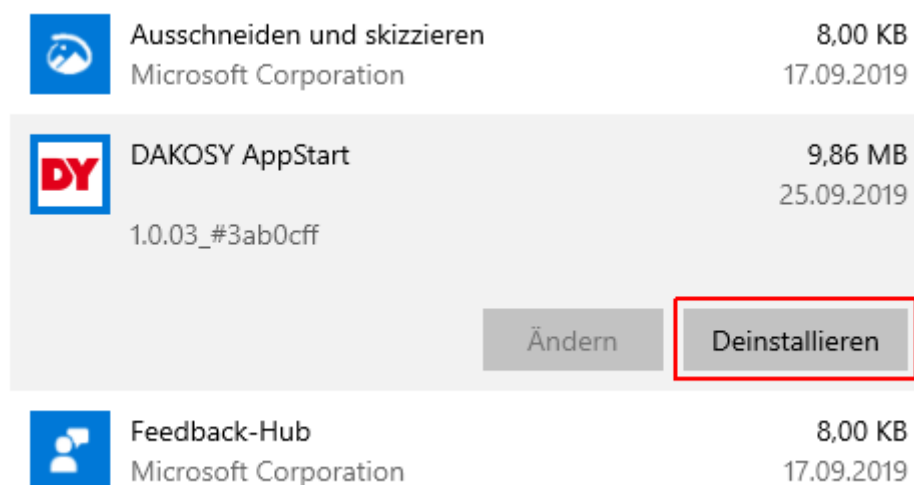


Figure 10: Uninstall application in Microsoft Windows 10

Windows 7 und Windows 10

After uninstalling “DAKOSY AppStart” there are cached files left on the drive that you may want to delete. For this navigate to the directory

C:\ProgramData\

and delete the folder DAKOSY. The uninstall is now complete.

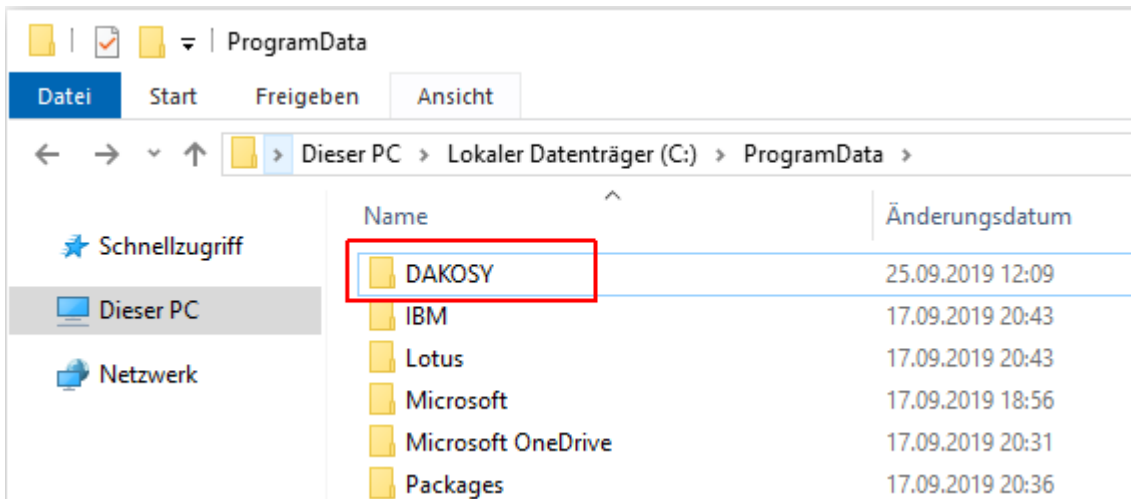


Figure 11: Delete cached application files

4. Troubleshooting

4.1 Delete cached files

If you would like to ensure that all application files will be refreshed when launching a DAKOSY application you can delete those files from your client PC.

Navigate your Microsoft Windows file explorer to directory

```
C:\ProgramData\DAKOSY\AppData\app
```

and delete all subfolders found in this directory.

After re-launching the desired DAKOSY application the files will be downloaded from our servers again.

4.2 Launching a .dnlp file is not starting the application

Windows 7 and newer

Open the control panel in Windows. Navigate to „Programs > Default programs > Associate a file type or protocol with a program“.

A list of file associations is shown. Select the name “.dnlp”.

If this file type is not associated with “DAKOSY AppStart” click on “Change program” and select the appropriate application.

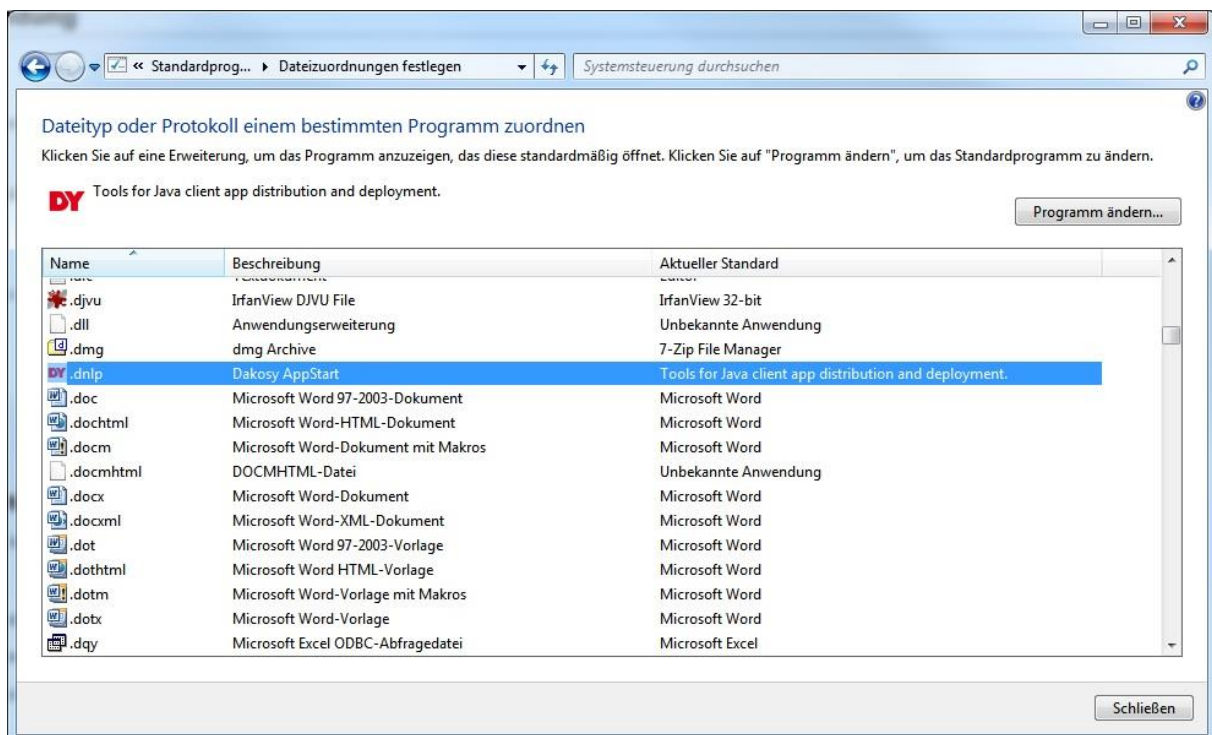


Figure 12: File type associations in Microsoft Windows 7

4.3 Parameters of executable DakosyAppStart.exe

It is possible to create a verbose log file by starting the executable DakosyAppStart.exe with parameters.

Open a Windows prompt and navigate to that folder the executable DakosyAppStart.exe is saved to:

```
C:\cd "C:\Program Files (x86)\DAKOSY\AppStart"
```

Parameters `-v` and `-d` will be used for launching DakosyAppStart.exe with.

`-v` creates a verbose log file

`-d` followed by a URL which declares a DNLP file that should be launched

```
C:\Program Files (x86)\DAKOSY\AppStart>DakosyAppStart.exe  
-v -d http://dakosy8.dakosy.de/jwalk42/zodiak.dnlp
```

After launching DakosyAppStart.exe there will have been a log file created in folder

```
C:\Users\<<Username>\AppData\Local\DAKOSY\AppStart\log
```

that could be sent to the DAKOSY Servicedesk for further investigation.

4.4 Further actions

- Setup log file: A log file will be created into directory

```
C:\Users\<<Username>\AppData\Local\Temp
```

when running the setup (Prefix: "Setup Log"). Send it to our DAKOSY Servicedesk.

- Check for existence of the directory

```
C:\ProgramData\DAKOSY
```

and if it contains files or directories.

- Check the log files in directory

```
C:\Users\<<Username>\AppData\LocalLow\DAKOSY\log
```

and send them to our service desk.

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