

Okular - Linux - setup of digital signature

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Schlüsselwörter				
PKI Certificate Signature				
Lösung (öffentlich)				
With the program Okular i user certificate of the TU l is required. If the package already provides version 2 directly this way. For Ubuu the following command:	it is possible to digitally sign PDF files with your Dresden under Linux. Okular version 21.04 or newer manager of the Linux distribution you are using 21.04 or newer of Okular, you can install Okular ntu 21.10, for example, this would be possible with			
sudo apt-get install okular	-			
You can check which vers	ion your distribution offers on the following page:			
[1]https://okular.kde.org/de/download/				
Since in many cases an ol for installation using flatp the most reliable for most	der version than 21.04 is still offered, the steps ak are described below, since this way seems to be distributions.			
Alternative ways for the ir or under the following link	nstallation can be found on the homepage of Okular ; in the file "Readme.md" :			
[2]https://datashare.tu-dresden.de/index.php/s/j5BKKyJYZFBzGsB				
Installation of Okular usir - To install Okular using Fl system. The steps to insta [3]https://flatpak.org/setu -	ng Flatpak atpak, Flatpak itself must be installed on the Ill Flatpak for your distribution can be found at: p/ .			
lf Flatpak is installed, you page: [4]https://flathub.org/apps	can start the installation from the following web s/details/org.kde.okular			
Screenshot of the Flatpak	website with marker on Install			
Select "Install". After that, and the software app sho	you may still need to run the downloaded file uld open.			
In the software app windo process should happen au	w, select "Install" and the rest of the installation to matically.			
Screenshot of the Softwa -	re-App with marker on Install			
You should now be able to start Okular.				
Configuring the certificate	e in Okular			
To be able to use the digit your certificate in Okular. the certificate store of Mo	al signature in Okular, you still need to store Among other possibilities, this is possible via zilla Thunderbird.			
-				
If you have not yet import the steps in the FAQ "Setu	ed your certificate into Thunderbird, please follow up of a personal user certificate in Thunderbird".			
-	tors is new located in a directory of the form			
thunderbird & default	store is now located in a directory of the form			
~/.thunderbird/*.default				
u	alaasa			
Here you must replace the	elease			
your system, as the name on your system, please us	is different for each user. If both directories exist is the directory that contains the file "cert9.db".			
-				
Open "Okular" and go to " "Certificate Database" the Insert the path there that Thunderbird. Then confirm	Settings->Configure Backends>PDF". Select under item "Custom". you determined in the 2nd step for the location of n the data with "Apply".			



Screenshot of Okular with marker on Configure Backends...

Screenshot of Configure Backends -> PDF in Okular After restarting "Okular" go to "Settings->Configure Backends...->PDF" again. Your certificate should now appear in the list under "Available Certificates". Screenshot of Configure Backends... with imported certificate

Open a PDF file for testing, for example [5]Anforderung
 Datenschutzcontainer . Select "Tools->Digitally Sign...". Screenshot of
 Okular with marker on Digitally Sign...

Drag a rectangle with the mouse at the place where you want to place the signature.

Screenshot of Okular with rectangle for the signature

Depending on the size of the rectangle, you may receive a message that the signature is too small to read. You can confirm the question with "Sign".

Screenshot question about signature size

You can then select your certificate for signing and confirm with "OK".

Screenshot of choosing the certificate in Okular

You can now check your signatures and any other signatures in the sidebar under "Signatures".

Screenshot of checking signatures in Okular

- https://okular.kde.org/de/download/
 https://datashare.tu-dresden.de/index.php/s/j5BKKyJYZFBzGsB
 https://flatpak.org/setup/

[4] https://flathub.org/apps/details/org.kde.okular
 [5] https://tu-dresden.de/zih/ressourcen/dateien/dienste/arbeitsumgebung/e_mail/dateien/Beispielformular_Anforderung_Datenschutzcontainer