
IMPROVEMENTS AROUND DOCUMENT SIGNATURES AND ENCRYPTION

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CONTENT

1. SIGNATURE LINES

2. OPENPGP SUPPORT

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1. SIGNATURE LINES

SIGNATURE LINES

- Visual representation of document signature
 - Combine handwritten signature and digital signature
 - LibreOffice 6.0:
 - OOXML Import
 - LibreOffice 6.1
 - OOXML Roundtrip (Export added)
 - ODF Export (Import tbd)
 - Generate new Signature Lines
 - Digitally sign Signature Lines (tbd)
-

DEMO

2 | 2

OPENPGP SUPPORT

OPENPGP SUPPORT

- Signing with OpenPGP keys
 - Since LibreOffice 5.4: Linux only
 - Since LibreOffice 6.0: Linux, macOS and Windows
 - ODF-conformant
 - Encrypting with OpenPGP keys
 - LibreOffice 6.0: Linux, macOS and Windows
 - Extension to ODF, proposed to OASIS ODF TC
 - Currently the only ODF consumer implementing OpenPGP
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HOW DOES IT WORK?



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Seahorse

...

IPC / execute

gpgme



NO EXTRA KEY STORE

Select Certificate

Select the certificate you want to use for signing:

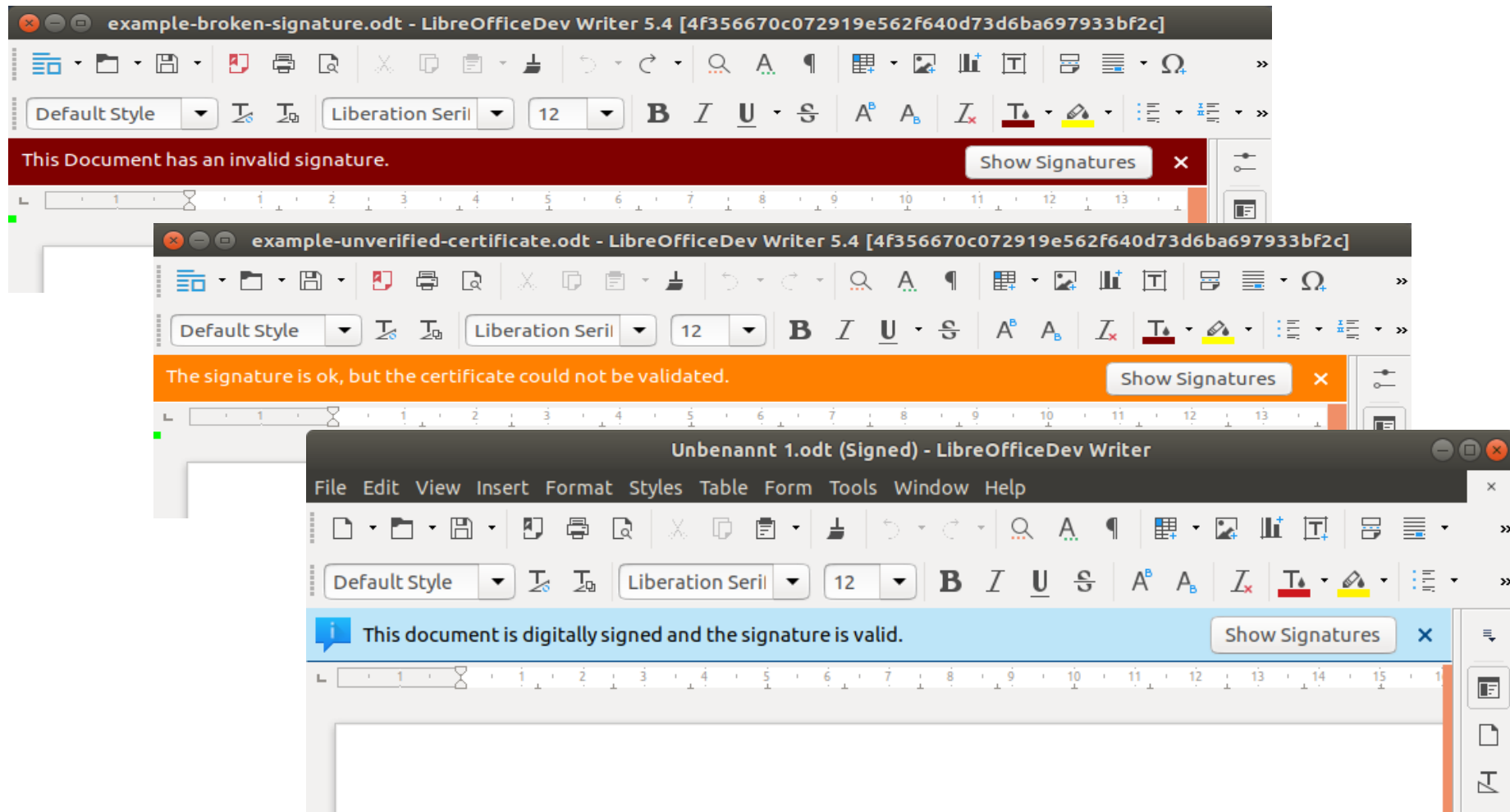
| Issued to | Issued by | Type | Expiration date | Certificate usage |
|----------------------------|----------------------------|---------|-----------------|--|
| LibreOffice Build Team (CC | Allgeier IT Solutions eVer | X.509 | 05/19/2017 | Digital signature, Key encipherment, Data e |
| CAcert WoT User | CA Cert Signing Authority | X.509 | 05/16/2010 | Digital signature, Non-repudiation, Key enci |
| | Thorsten Behrens <th.behr | OpenPGP | 01/16/2007 | Digital signature, Non-repudiation, Key enci |
| | Thorsten Behrens <th.behr | OpenPGP | 01/01/2010 | Digital signature, Non-repudiation, Key enci |
| | Thorsten Behrens <thb@o | OpenPGP | 02/16/2013 | Digital signature, Non-repudiation, Key enci |
| | | OpenPGP | 05/05/2014 | Digital signature, Non-repudiation, Key enci |
| | LibreOffice Build Team (CC | OpenPGP | 00/00/0000 | Digital signature, Non-repudiation, Key enci |
| | thb backup <me@localhos | OpenPGP | 00/00/0000 | Digital signature, Non-repudiation, Key enci |
| | Thorsten Behrens <thb@d | OpenPGP | 11/22/2018 | Digital signature, Non-repudiation, Key enci |
| | Thorsten Behrens (private | OpenPGP | 11/22/2018 | Digital signature, Non-repudiation, Key enci |
| | dfgdafgfdg (test key) <tho | OpenPGP | 03/13/2025 | Digital signature, Non-repudiation, Key enci |
| | <foo@bar.de> | OpenPGP | 05/24/2017 | Digital signature, Non-repudiation, Key enci |
| | <foo@bar.de> | OpenPGP | 05/30/2017 | Digital signature, Non-repudiation, Key enci |

Remove

Start Certificate Manager...

Close

UI IMPROVEMENTS



DEMO

THE END

→ QUESTIONS?

... THANKS TO:



Bundesamt
für Sicherheit in der
Informationstechnik