

English (german scroll down)

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Start program with

```
java -jar PortableSigner
```

There's a minimal installer in the package PortableSigner-Generic-x.x.xxx.zip in the directory linux/.

There's a full blown installer also for the required JCE Policies for Windows as PortableSigner-Installer-x.x.xxx.exe.

The following additional libraries are provided and used:

- itext (siehe auch <http://itext.sourceforge.net>)
- BouncyCastle (siehe auch <http://www.bouncycastle.org>)
- Swing-layout (siehe auch <http://layout.jdesktop.org>)

For the use of Bouncycastle the Java Strong export Security must be used.
(Look at <http://www.bouncycastle.org/documentation.html>):

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3. If you are using JDK 1.4, or later, you must use the signed jar for the provider and you must download the unrestricted policy files for the Sun JCE if you want the provider to work properly. The policy files can be found at the same place as the JDK download. Further information on this can be found in the Sun documentation on the JCE. If you have not installed the policy files you will see something like:

```
java.lang.SecurityException: Unsupported keysize or algorithm parameters
    at javax.crypto.Cipher.init(DashoA6275)
```

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The new JCE Policy can be found
<http://java.sun.com/javase/downloads/index.jsp>
at the end of the page:

"Java Cryptography Extension (JCE) Unlimited Strength Jurisdiction Policy "

The Windows installer is installing all required patches automagic.
If you'r upgrading your Java runtime, please reinstall PortableSigner to apply the security policies again.

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Deutsch

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Das vorliegende Programm laesst sich in einer Java 1.5.0 Umgebung mit

```
java -jar PortableSigner.jar starten.
```

Es gibt minimalen Installationssupport für Linux im Paket PortableSigner-Generic-x.x.xxx.zip im Verzeichnis linux/.

Es gibt einen kompletten Installer auch mit den benötigten JCE Policies für Windows als Paket: PortableSigner-Installer-x.x.xxx.exe.

Es verwendet folgende zusaetzliche Klassenbibliotheken:

- itext (siehe auch <http://itext.sourceforge.net>)
- BouncyCastle (siehe auch <http://www.bouncycastle.org>)

- Swing-layout (siehe auch <http://layout.jdesktop.org>)

Fuer die Verwendung von Bouncycastle muss das Schema fuer Strong Export Security in der Java Runtime installiert sein (siehe auch Zitat von <http://www.bouncycastle.org/documentation.html>):

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3. If you are using JDK 1.4, or later, you must use the signed jar for the provider and you must download the unrestricted policy files for the Sun JCE if you want the provider to work properly. The policy files can be found at the same place as the JDK download. Further information on this can be found in the Sun documentation on the JCE. If you have not installed the policy files you will see something like:

```
java.lang.SecurityException: Unsupported keysize or algorithm parameters
    at javax.crypto.Cipher.init(DashoA6275)
```

"

Die neue JCE Policy ist zu finden unter
<http://java.sun.com/javase/downloads/index.jsp>
gegen Ende der Seite als:

"Java Cryptography Extension (JCE) Unlimited Strength Jurisdiction Policy "

Der Windows Installer installiert die Security Policy automatisch mit.
Sollten Sie Ihre Java Runtime updaten oder neu installieren, bitte den
PortableSigner
noch einmal installieren, damit die Security Policy auch dort wirkt.

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