



PortableSigner - A tool for PDF signature

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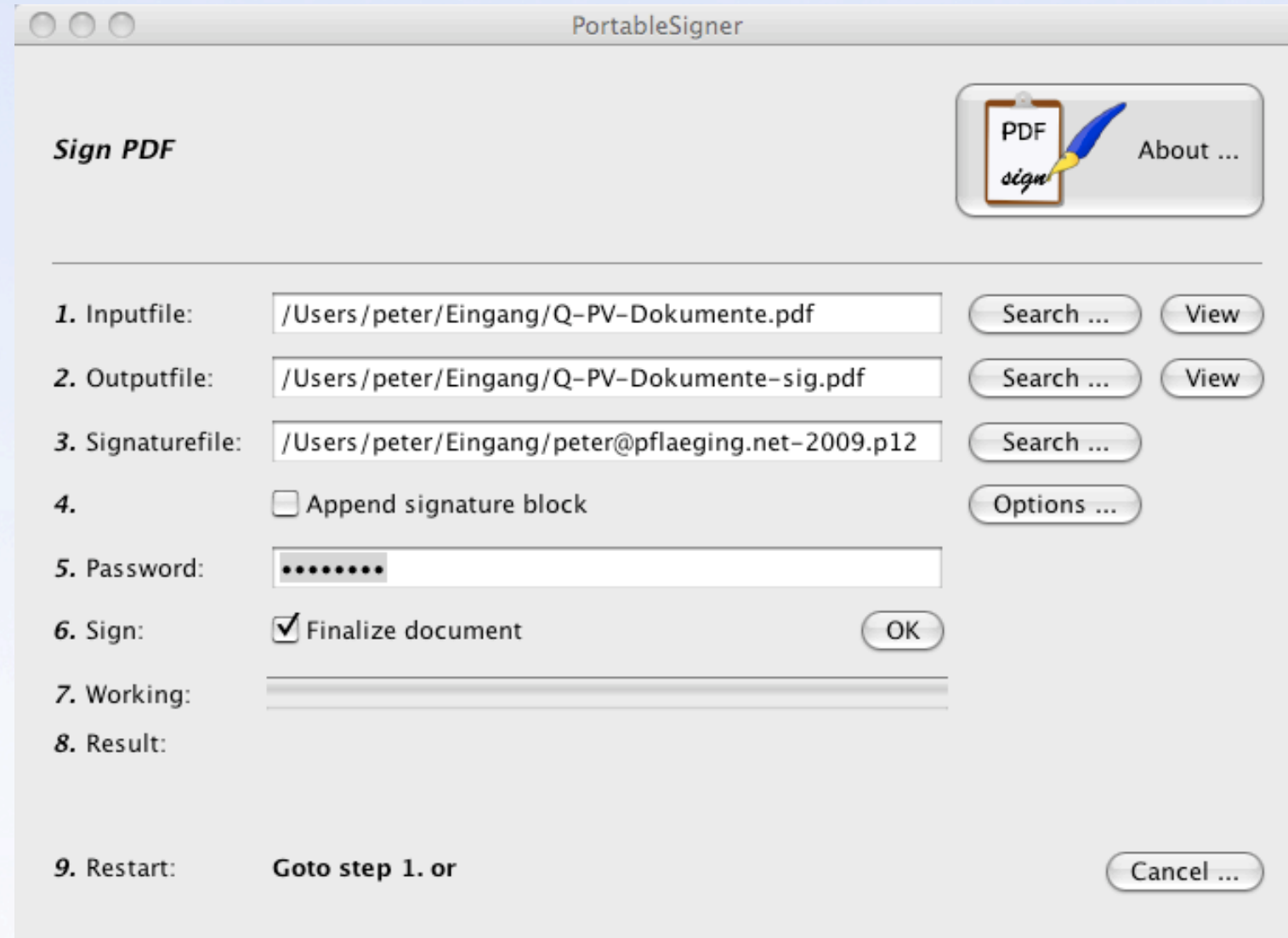
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What is it?

- Sign PDF files
- with X.509 Digital Signatures
- Standard Adobe method
- Easy usable
 - GUI mode
 - Batch mode
- Platform independent
 - Java



The screenshot shows the 'PortableSigner' application window. The title bar reads 'PortableSigner'. The main window has a light gray background. At the top left, it says 'Sign PDF'. At the top right, there is a button with a PDF icon and the word 'sign', and another button labeled 'About ...'. Below these, there are several input fields and buttons. The first field is '1. Inputfile:' with the path '/Users/peter/Eingang/Q-PV-Dokumente.pdf' and buttons 'Search ...' and 'View'. The second field is '2. Outputfile:' with the path '/Users/peter/Eingang/Q-PV-Dokumente-sig.pdf' and buttons 'Search ...' and 'View'. The third field is '3. Signaturefile:' with the path '/Users/peter/Eingang/peter@pflaeging.net-2009.p12' and a 'Search ...' button. Below these is a checkbox '4. Append signature block' which is unchecked. Then there is a '5. Password:' field with a masked password '.....'. Below that is a '6. Sign:' section with a checked checkbox 'Finalize document' and an 'OK' button. Then there is a '7. Working:' field which is empty. Below that is an '8. Result:' field which is empty. At the bottom left is a '9. Restart:' section with the text 'Goto step 1. or' and a 'Cancel ...' button at the bottom right.

Why?

- Make the use of PDF signatures available for everyone
 - at no license costs
 - easy usable
 - understandable
- Paradigm:
 - PDF => electronic paper
 - Signed PDF => your signature on electronic paper



Features

- Standard Adobe signature
 - Verification with Adobe Reader
- LGPL License (maybe EUPL?)
- GUI mode with Java Swing
- Batch mode
- Optional „Signature Block“
- No installation required
- NLS enabled (english and german for now)
- Platform independent:
 - Windows, Mac OS, Linux, ...

This document is signed by:

	Signator:	CN=Peter Pflaeging, OU=MA 14, O=Stadt Wien, C=AT
	Date:	Wed Nov 12 23:31:10 CET 2008
	Issuer:	CN=Stadt Wien CA Benutzer, O=Stadt Wien, C=AT
	Serial:	235

This signature can be verified, if you open the document with Adobe Reader!

Implementation

- Java 1.4+
- Bouncycastle (<http://www.bouncycastle.org>)
- iText (<http://www.lowagie.com/iText/>)
- ...
- Standard Java NLS (Native Language Support)
- Programmed with NetBeans
- Full source available via SVN

The Future

- Support of Citizen Cards and PCSC
- Timestamp support
- More languages
- OpenOffice.org extension
- Switch to OSOR and EUPL
- Build support with Apache Maven
- Documentation :-) ...

Some details, ...

- Hosted on Sourceforge.net
 - <http://portablesigner.sf.net>
- Available since October 2006
- About 7.000 downloads
- Widely used
- Best Sourceforge Ranking: 3.500
- You need:
 - Java
 - PortableSigner
 - A certificate in PKCS#12 format (Thawte, Verisign, CaCert, ...)

Questions?

DEMO, ...



Thanks

Peter Pfläging

