

## Tutorial - PGP

### Q1.

Start Kleopatra (Gpg4win). Create a certificate (PGP) for yourself.

### Q2.

Export your certificate. Send your exported certificate to your partner. Import your partner's certificate into Kleopatra.

### Q3.

Check that you have indeed received the correct public key. Do this by verbally checking the key fingerprint (RC - Certificate details), with your partner. (The fingerprint should be identical). Then certify it.

### Q4.

Write a message (text file). Encrypt with your partners public key. Send. Decrypt the message from your partner.

### Q5.

Write another message. Sign it. Send the message as well as the signature (.sig) to your partner. Verify that the message you have received has indeed arrived from your partner.

## Q6.

Change one character in the message. Check that the message no longer verifies.

## Getting in Contact with Adele.

## Q7.

Export your certificate. Open in an editor and copy the contents between

-----BEGIN PGP PUBLIC KEY BLOCK-----

-----END PGP PUBLIC KEY BLOCK-----

Send to [adele@gnupp.de](mailto:adele@gnupp.de) in the **body** of the email. (Adele is a mail robot.)

## Q8.

When you get a message back from Adele, it should contain Adele's public key. Import her Certificate into Kleopatra.

## Q9.

Encrypt a message in a file and send it to Adele. [Copy the contents of the file into the body of the message.]

-----BEGIN PGP MESSAGE-----

-----END PGP MESSAGE-----

Edele will send you an encrypted reply. Decrypt it.