

How to encrypt your form before sending it to us for processing (Ubuntu version)

Note - All strings with *this* formatting are to be entered in a terminal window.

Step 1 - Install GPG

Download and install gpg if it is not installed on your machine. You can check whether it is already installed by entering -
`"gpg --version"`

If it is not installed, you have to install it.

On Ubuntu, type:

```
"sudo apt-get install gpg"
```

For other systems, please refer to respective installation guides.

Step 2 - Get the public key

We have published our RSA 2048 bit public key under the following link:

You can download it <http://cgi2013.welfenlab.de/76021C8C.asc> and import it to your list of keys.

To import simply navigate to the respective directory where it was downloaded, for example

```
"cd ~/Downloads/"
```

Then import it to the list of keys stored for using with GNUGP with the command -

```
"gpg --import 76021C8C.asc"
```

You can always check the keys saved on your computer using

```
"gpg --list-keys"
```

Step 3 - Encrypt your form

You are now ready to encrypt your form.

To encrypt, enter

```
"gpg -e -r cgi2013registration@welfenlab.de RegFormular.pdf"
```

When asked whether you would like to use this key for sure, type 'y' and hit enter.

When the email you typed is listed under "Current Recipients", hit Enter again.

You have now created the encrypted file "RegFormular.pdf.gpg", which you may send to us.

Remember, only we possess the password for decryption, needed to access the original form.