Clef GPG

Génération

Les fichiers sont générés à partir des clefs privées et de la commande suivante :

```
# Exporte la clef privée
gpg --export-secret-keys --armor > /tmp/key.gpg

# Crée des lots distribués de manière équitable
size=$(wc -c /tmp/key.gpg | cut -f 1 -d' ')
echo "Key size is $size"
# Crée des lots de 1260 octets max (pour tenir compte de la
# redondance en cas derreur
n=$((1+(size/1260)))
split -n $n /tmp/key.gpg tmp/splitkey-

# Génère un QRCode pour chacun d'eux
for file in tmp/splitkey-??; do
    qrencode --size 3 \
        --level H \
        -d 150 \
        -t eps -o "${file}.ps" \
        -r "${file}"
```

Restauration

La restauration doit être faite en extrayant les informations des QRCodes, puis en les assemblant en un seul fichier.

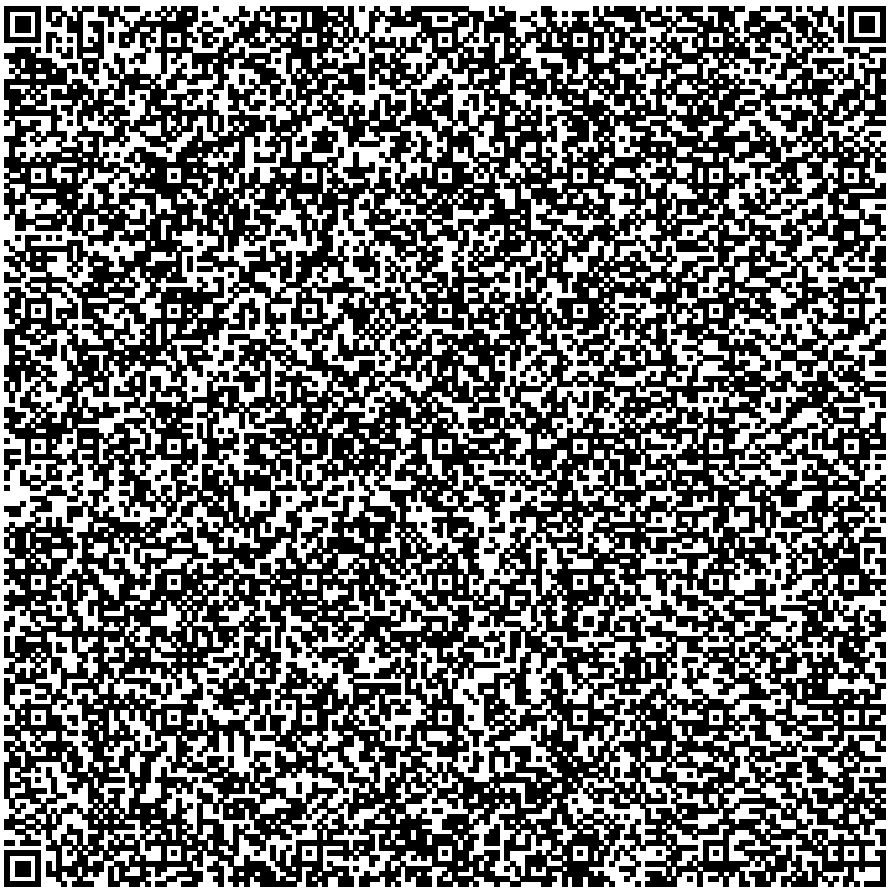
```
for file in *.png; do
  zbarimg -1 -q --raw  ${file};
done > private.key
```

La clef peut ensuite être importée avec la commande suivante :

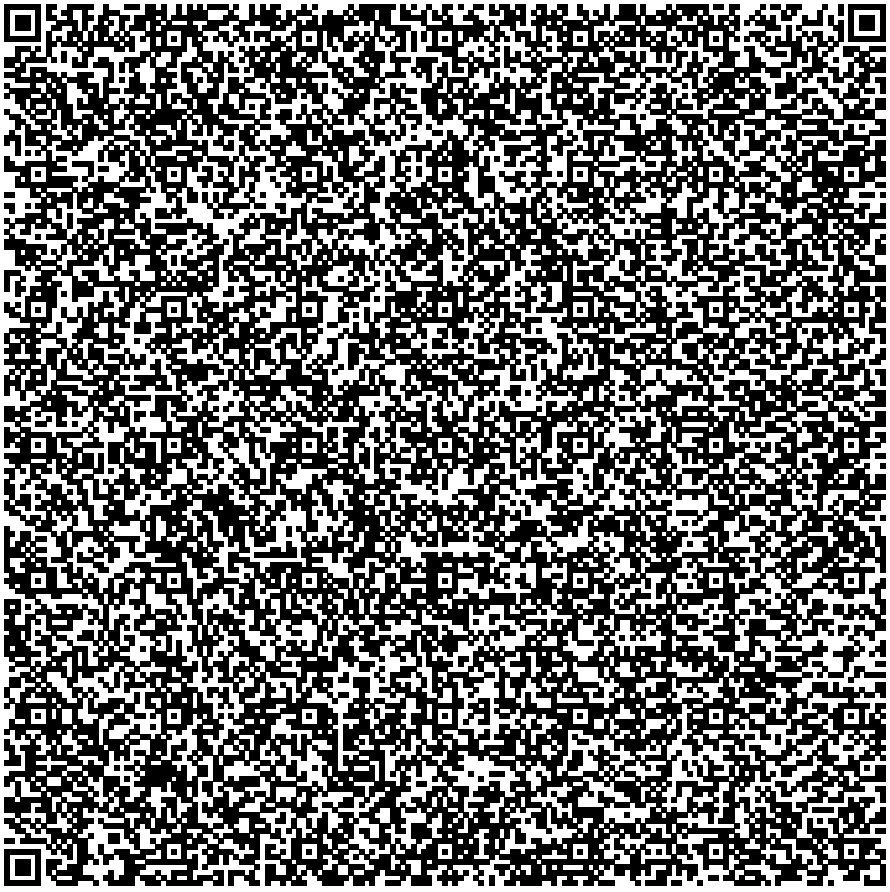
```
gpg --import private.key
```

Liste des fragments

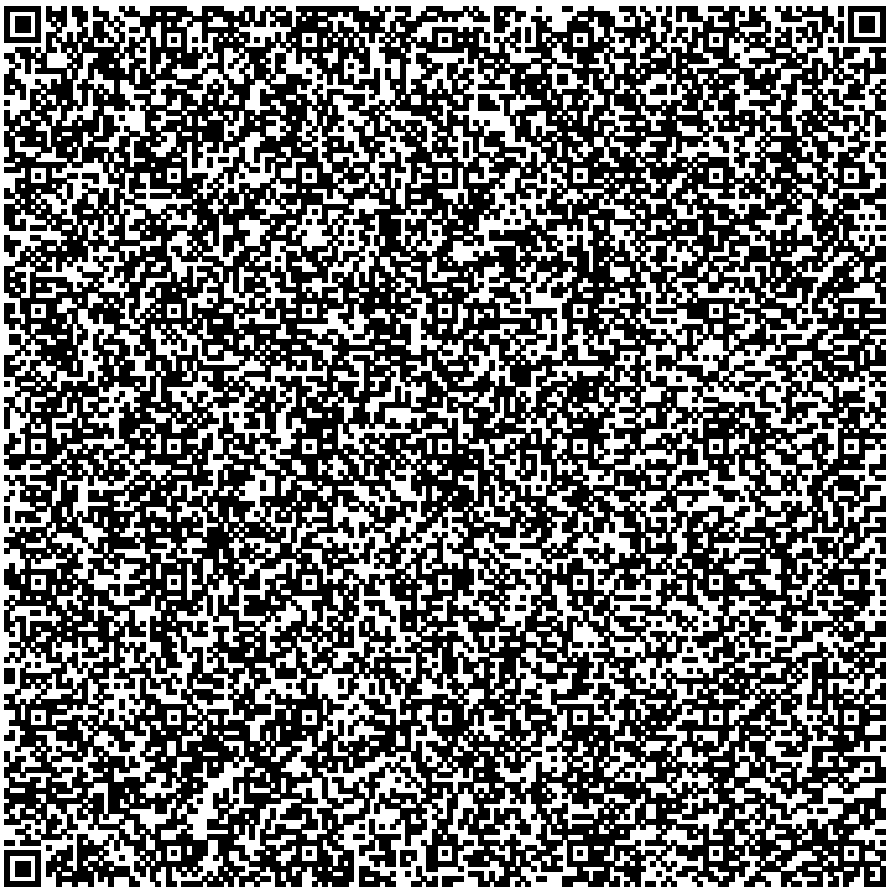
splitkey-aa - sha1 959e30322eca0d1d8ec4741a576fa56c36dda092



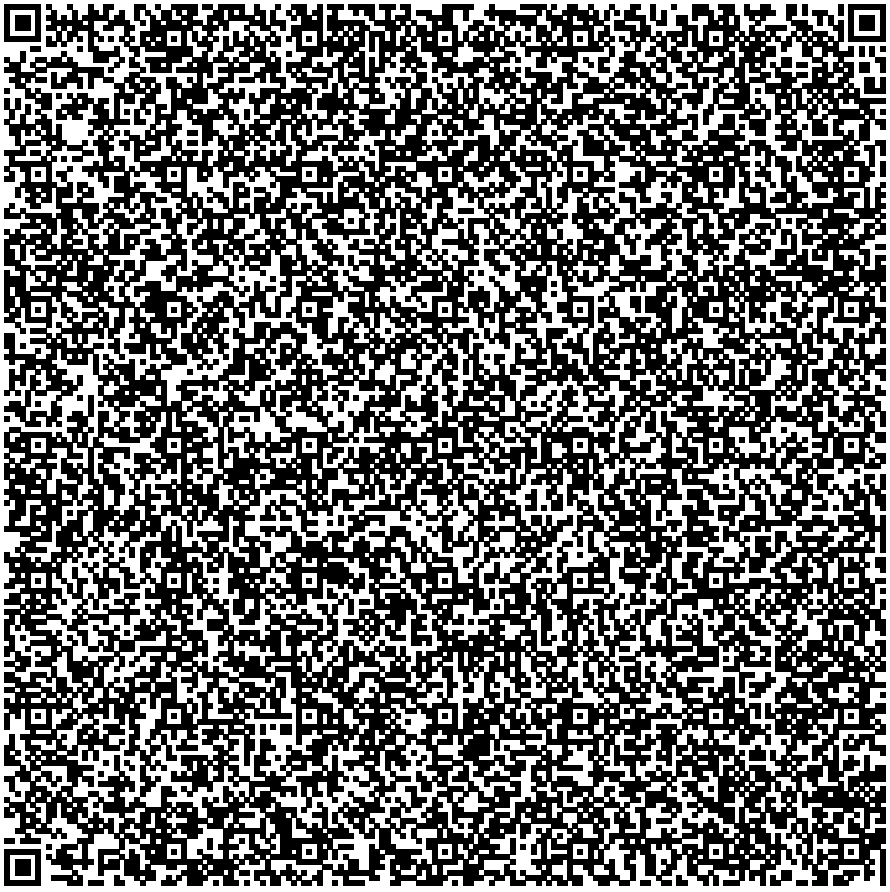
splitkey-ab - sha1 2bf86f5571b9bcb02a683c998ef4de9c3dc63fd5



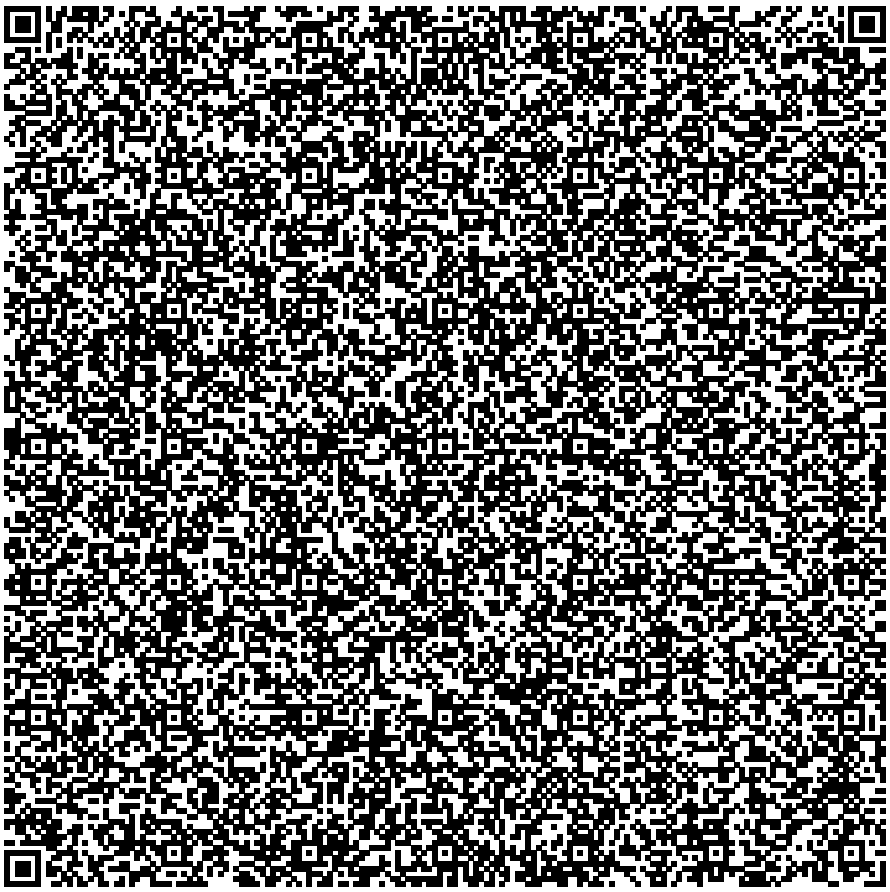
splitkey-ac - sha1 9643e527adf681388362dabd171f374b507cfd8c



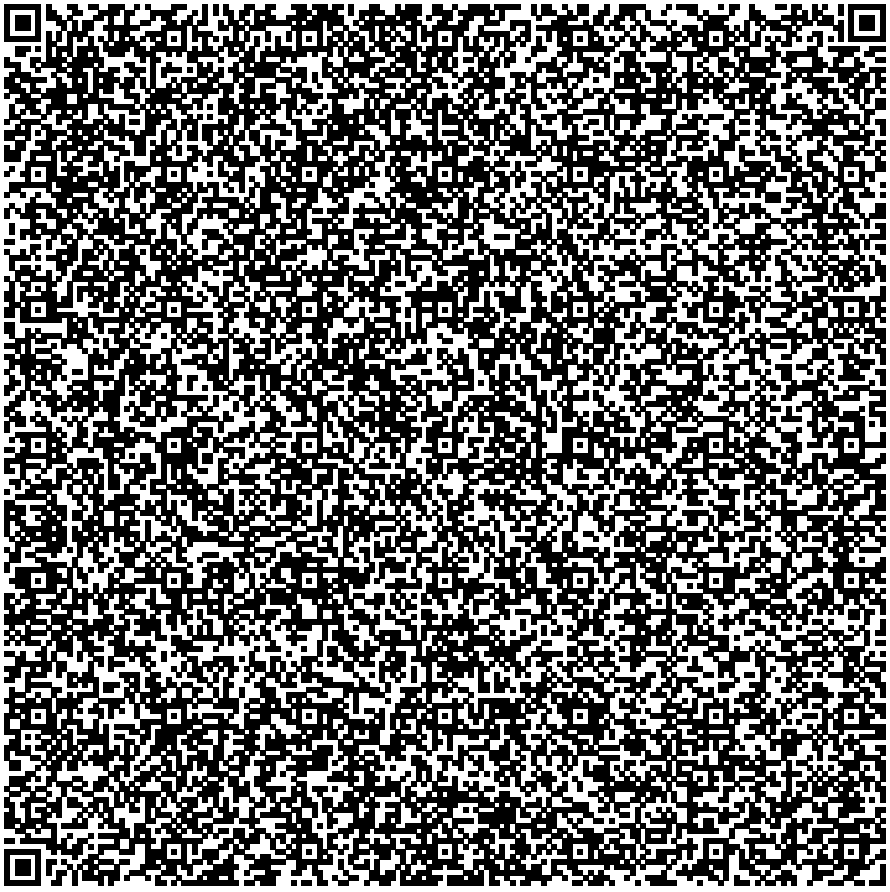
splitkey-ad - sha1 c5ab7e9f22d7429b8dee105794b093e71dcdcf1a



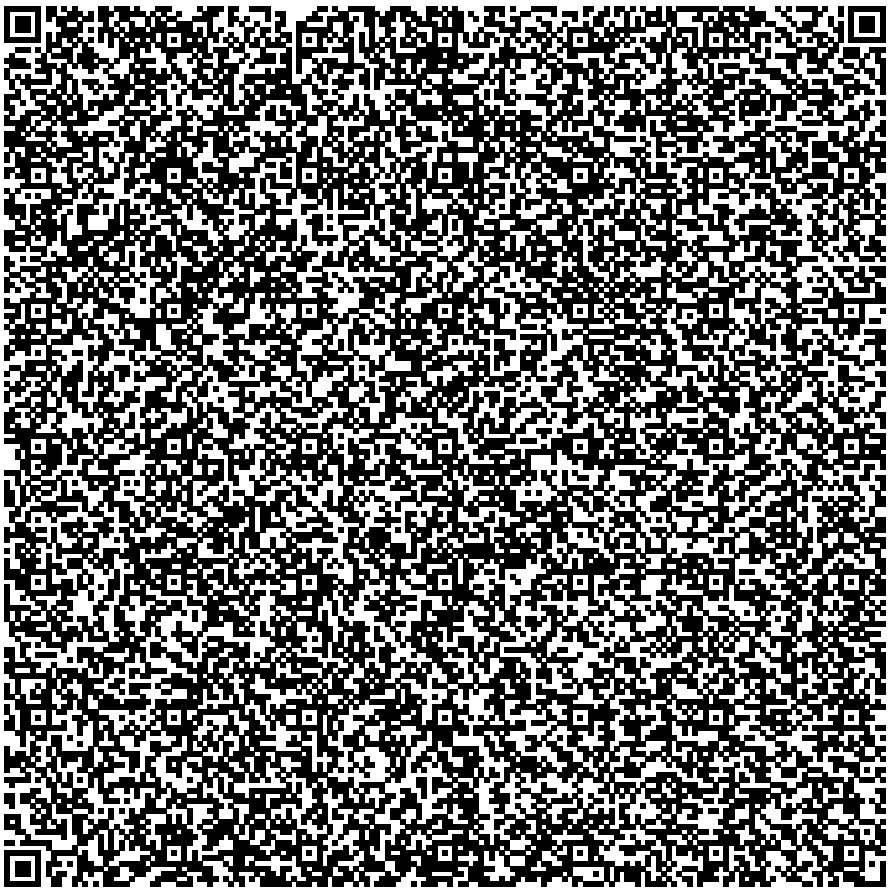
splitkey-ae - sha1 d6a2ee3032c09672daabbd0d0725284ac10447b9



splitkey-af - sha1 2cd51b7e73086af2baf9fba3f6b2f65780ebc8b9



splitkey-ag - sha1 950e16ba8419e84d1e579f6981e119e89830fb0a



splitkey-ah - sha1 547fa9d5edbc2dd0262a5866d290b4f6668ed6be