

QR Ware Overview

QR Ware is software that does such things:

Create a QR code from the data in the file.

Write the QR code decryption result to a file.

In terms of size, any data that can be stored in the QR code can be stored in the QR code.

Also, regardless of the QR code decoding result, it can be output to a file.

The following is the public key of the plaintext RSA public key cipher.

The text format is easy to handle, but there are the following points:

Fragile. It is hard to notice that it was broken.

It is easy to be damaged. It is hard to notice that it was damaged.

You don't know if the one in the example below is replaced by a single letter.

Also, if you look at the contents, at first glance you will find that it is the public key of RSA public key cipher.

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PublicKey.pem

```
-----BEGIN PUBLIC KEY-----  
MIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMI  
IBCgKCAQEA3/9BbGg3MCq8q2zkcH5g  
3rGegraVvelj6rwEAA3+b20ovzKWISJS9IVQ  
2QG62RIVirlyNrCzcZGyScjHEI8q  
yWfx2ovr7s80dAncUoFelx23c8LFN06mDsA  
HBKhY7OYTXuXa7ptS7h2cV6GDO0Vh  
vwkynu+2AbjY+nyonoSqqjct5KeuOGrDXnJ9  
We7noofYqQ9I2IY+ATWw5nWtrwlg  
PSAc1+ferwYbAF/  
JCBp+RCK8BRrFVBGDUo55kXOO/  
BU6DteZISzthnBU6pzAPwbR  
Zs31ovDndAWsbXXhyW9kLIbNljBHQjVYwn  
YPzQxC+XnttDHn9jPj2yorywzjMGG/  
2wIDAQAB  
-----END PUBLIC KEY-----
```

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Created QR Code



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Result of Decoding QR Code

```
-----BEGIN PUBLIC KEY-----  
MIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMI  
IBCgKCAQEA3/9BbGg3MCq8q2zkcH5g  
3rGegraVvelj6rwEAA3+b20ovzKWISJS9IVQ  
2QG62RIVirlyNrCzcZGyScjHEI8q  
yWfx2ovr7s80dAncUoFelx23c8LFN06mDsA  
HBKhY7OYTXuXa7ptS7h2cV6GDO0Vh  
vwkynu+2AbjY+nyonoSqqjct5KeuOGrDXnJ9  
We7noofYqQ9I2IY+ATWw5nWtrwlg  
PSAc1+ferwYbAF/  
JCBp+RCK8BRrFVBGDUo55kXOO/  
BU6DteZISzthnBU6pzAPwbR  
Zs31ovDndAWsbXXhyW9kLIbNljBHQjVYwn  
YPzQxC+XnttDHn9jPj2yorywzjMGG/  
2wIDAQAB  
-----END PUBLIC KEY-----
```

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If changed in QR code format,

It is hard to break. If you look at it, you can understand it.

It is hard to be damaged. If you look at it, you can see what was damaged.

One do not know the contents at first glance.

It will be like that.

QR Ware is software that is created for use at such time:

safety, portability and confidentiality

In terms of such things,

"It is better to hold the data in the QR code format."

Hold data in QR code format.

When it is necessary to use it, decode the QR code and view (use) the contents.

It is assumed to be used like this.

Make the file data a QR code.

Decode the QR Code.

Output the decryption result to a file.

such things can be done easily.

Also, QR Ware assumes that what is stored in the QR code is as follows.

Strict handling is required.

What extreme confidentiality demands.

Therefore,

Put the QR code decryption result in a place such as "History".

If the decoding result of the QR code is URL, the browser is called.

If the decoding result is E-Mail address, the Mailer is called.

it have not done any of these things.

There is no function to read the QR code from the camera.

Decoding target is only the image of png file.