Листинг 1:

Генерация QR-кодов средствами языка программирования Python.

import qrcode  
  
*# Данные для кодирования*data0 = "http://yandex.ru"  
data1 = "http://ya.ru"  
data2 = "http://rbc.ru"  
data3 = "http://vc.ru"  
data4 = "https://inf-ege.sdamgia.ru/"  
data5 = "https://inf-oge.sdamgia.ru/"  
  
name\_qr\_code0 = 'img/qr\_0.png'  
name\_qr\_code1 = 'img/qr\_1.png'  
name\_qr\_code2 = 'img/qr\_2.png'  
name\_qr\_code3 = 'img/qr\_3.png'  
name\_qr\_code4 = 'img/qr\_4.png'  
name\_qr\_code5 = 'img/qr\_5.png'  
  
*# Генерация QR-кода*qr0 = qrcode.QRCode(  
 version=1,  
 error\_correction=qrcode.constants.ERROR\_CORRECT\_L,  
 box\_size=10,  
 border=4  
)  
  
qr1 = qrcode.QRCode(  
 version=1,  
 error\_correction=qrcode.constants.ERROR\_CORRECT\_L,  
 box\_size=10,  
 border=4  
)  
qr2 = qrcode.QRCode(  
 version=1,  
 error\_correction=qrcode.constants.ERROR\_CORRECT\_L,  
 box\_size=10,  
 border=4  
)  
  
qr3 = qrcode.QRCode(  
 version=1,  
 error\_correction=qrcode.constants.ERROR\_CORRECT\_L,  
 box\_size=10,  
 border=4  
)  
  
qr4 = qrcode.QRCode(  
 version=1,  
 error\_correction=qrcode.constants.ERROR\_CORRECT\_L,  
 box\_size=10,  
 border=4  
)  
  
qr5= qrcode.QRCode(  
 version=1,  
 error\_correction=qrcode.constants.ERROR\_CORRECT\_L,  
 box\_size=10,  
 border=4  
)  
  
  
qr0.add\_data(data0)  
qr1.add\_data(data1)  
qr2.add\_data(data2)  
qr3.add\_data(data3)  
qr4.add\_data(data4)  
qr5.add\_data(data5)  
  
qr0.make(fit=True)  
qr1.make(fit=True)  
qr2.make(fit=True)  
qr3.make(fit=True)  
qr4.make(fit=True)  
qr5.make(fit=True)  
  
*# Создание и сохранение изображения*img0 = qr0.make\_image(fill='black', back\_color='white')  
img1 = qr1.make\_image(fill='black', back\_color='white')  
img2 = qr2.make\_image(fill='black', back\_color='white')  
img3 = qr3.make\_image(fill='black', back\_color='white')  
img4 = qr4.make\_image(fill='black', back\_color='white')  
img5 = qr5.make\_image(fill='black', back\_color='white')  
  
img0.save(name\_qr\_code0)  
img1.save(name\_qr\_code1)  
img2.save(name\_qr\_code2)  
img3.save(name\_qr\_code3)  
img4.save(name\_qr\_code4)  
img5.save(name\_qr\_code5)