

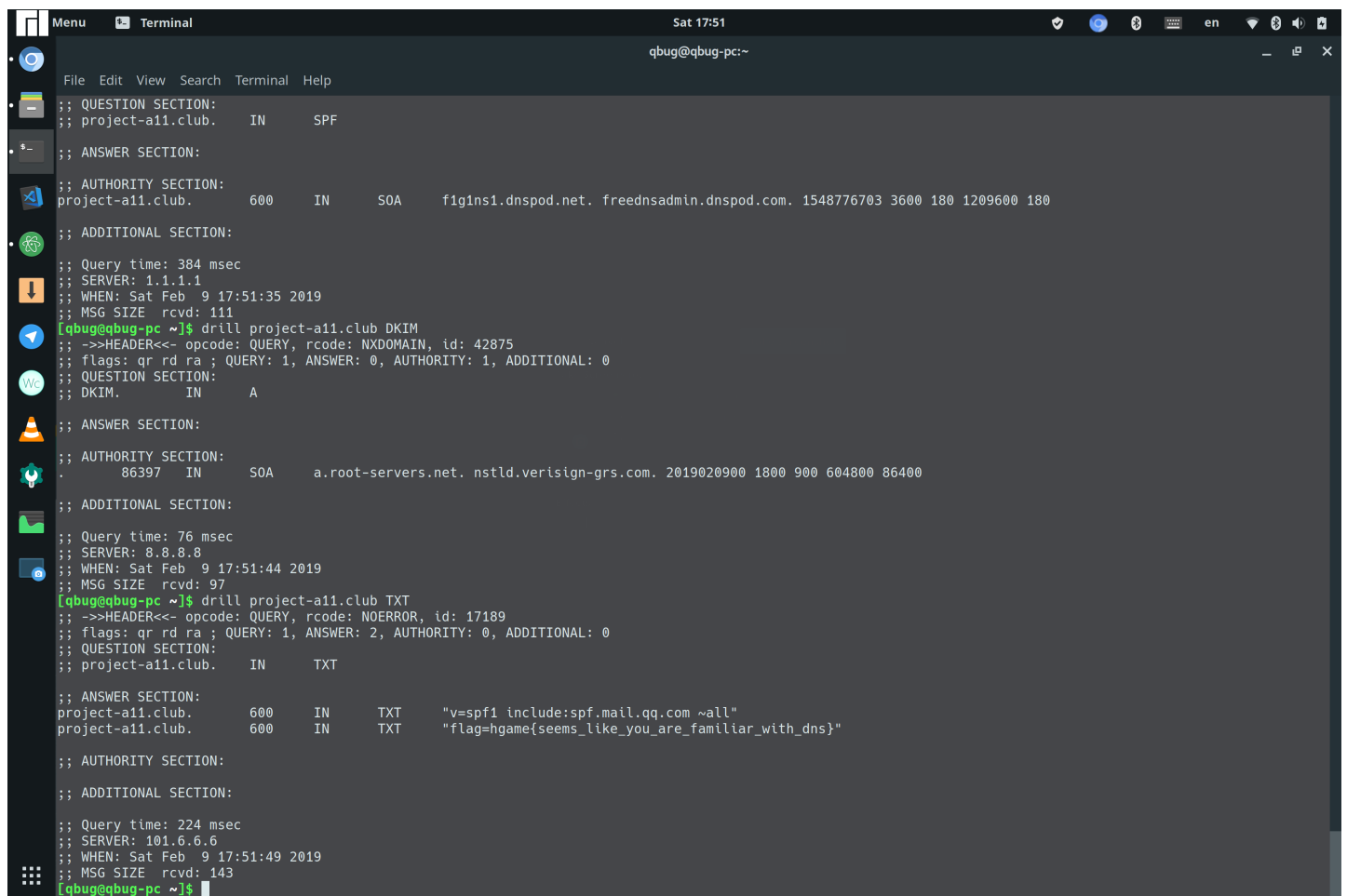
量子Bug 的 week 2 writeup

完蛋，本来觉得这个星期应该能好好完成了，结果被拉去翻山越岭，又差点咕咕咕。。。

MISC

Are You Familiar with DNS Records?[已完成]

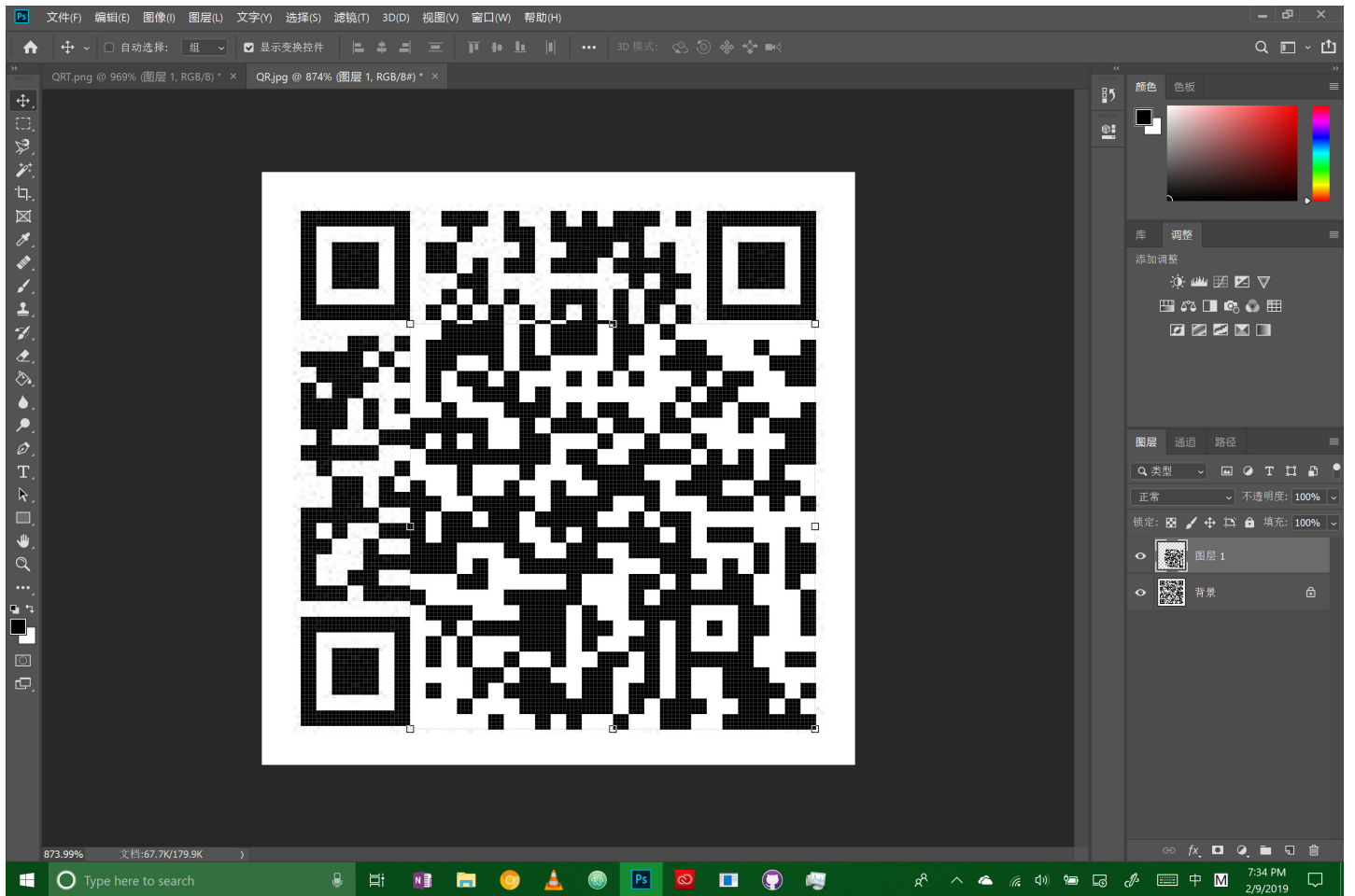
相当简单的一道题，使用 `drill project-a11.club` 相关命令即可。然并卵的 hint 确实没什么用。。。邮箱相关的记录类型有很多，都看看就找到了。而且这种文本信息不都是放在 TXT 类型记录里的嘛！



```
Menu Terminal Sat 17:51
qbug@qbug-pc:~
File Edit View Search Terminal Help
;; QUESTION SECTION:
;; project-a11.club. IN SPF
;; ANSWER SECTION:
;; AUTHORITY SECTION:
project-a11.club. 600 IN SOA figins1.dnspod.net. freednsadmin.dnspod.com. 1548776703 3600 180 1209600 180
;; ADDITIONAL SECTION:
;; Query time: 384 msec
;; SERVER: 1.1.1.1
;; WHEN: Sat Feb 9 17:51:35 2019
;; MSG SIZE rcvd: 111
[qbug@qbug-pc ~]$ drill project-a11.club DKIM
;; ->HEADER<- opcode: QUERY, rcode: NXDOMAIN, id: 42875
;; flags: qr rd ra ; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 0
;; QUESTION SECTION:
;; DKIM. IN A
;; ANSWER SECTION:
;; AUTHORITY SECTION:
. 86397 IN SOA a.root-servers.net. nstld.verisign-grs.com. 2019020900 1800 900 604800 86400
;; ADDITIONAL SECTION:
;; Query time: 76 msec
;; SERVER: 8.8.8.8
;; WHEN: Sat Feb 9 17:51:44 2019
;; MSG SIZE rcvd: 97
[qbug@qbug-pc ~]$ drill project-a11.club TXT
;; ->HEADER<- opcode: QUERY, rcode: NOERROR, id: 17189
;; flags: qr rd ra ; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 0
;; QUESTION SECTION:
;; project-a11.club. IN TXT
;; ANSWER SECTION:
project-a11.club. 600 IN TXT "v=spf1 include:spf.mail.qq.com ~all"
project-a11.club. 600 IN TXT "flag=hgame{seems_like_you_are_familiar_with_dns}"
;; AUTHORITY SECTION:
;; ADDITIONAL SECTION:
;; Query time: 224 msec
;; SERVER: 101.6.6.6
;; WHEN: Sat Feb 9 17:51:49 2019
;; MSG SIZE rcvd: 143
[qbug@qbug-pc ~]$
```

初识二维码[已完成]

下载，解压，得到 DataURI，复制到 chrome 地址栏，得到缺少定位标志的 QR code 图片。数出来这个包含矫正标志和数据区的部分是 $26 * 26$ 的，在线生成一个去除定位标志后剩余 $26 * 26$ 大小的 QR code，进入 PS 进行拼接，手机扫一扫得到 flag。



CRYPTO

Vigener~[已完成]

嘿嘿嘿~直到我找到了这个网站 <https://www.guballa.de/vigenere-solver>

