

Junior - Exclusive or ...

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Tags: [sha2017ctf](#)

Rating: 0

```
# xortool -o strange_text.txt
```

The most probable key lengths:

1:	19.3%
6:	16.0%
11:	11.9%
13:	12.3%
18:	8.5%
20:	7.4%
22:	7.2%
26:	6.6%
30:	5.7%
33:	5.1%

Key-length can be 3*n

Key-length can be 5*n

100 possible key(s) of length 1:

```
\x13
\x12
\x11
\x10
\x17
...
```

Found 27 plaintexts with 95.0%+ printable characters

See files [filename-key.csv](#), [filename-char_used-perc_printable.csv](#)

```
# cat xortool_out/* | strings| grep flag{
```

```
6;~82?9~18~*67~==6?22;09;~7-d~82?9%?oki:l<j;<im=hn88n=:<;l?l:;?nh=m#Well done. This
text is encrypted with XOR with the single character '\x03'. XOR is often used in C
TF challenges. We did use it in our teaser challenges 'Crypto Engine' and 'Website A
ttack'. The flag of this challenge is: flag{a157d2b4eb73c60ff0cdbe2a2dea06c3}~LEE
MFGL
```

Comments

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