

r2lrn

Your Personal Interactive Teacher



@KirilsSolovjovs / github.com/0ki

Who am I?

- Lead researcher at Possible Security, Latvia
- Hacking and breaking things
 - Network flow analysis
 - Reverse engineering
 - Social engineering
 - Legal dimension
- <https://kirils.org/>
- twitter / @KirilsSolovjovs



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What is r2lrn?

- Bash-like shell that allows you to run only ra*2 commands
- And it has history support. ;)
- Can be used for
 - intro training
 - gdb → r2 refugees
 - CTF level training

DEMO

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Task verify

- R2LRN_COMMAND="a\?"

-or-

- R2LRN_ANSWER="(0x)?2a"

-xor-

- R2LRN_POSTEXEC="md5sum xxx"

- R2LRN_POSTRESULT="f698547fffffffffffffffffffffff\s.*"

Task setup

- R2LRN_VERSION=**1**
- R2LRN_NAME="Task name"
- R2LRN_TASK="Show all analysis commands"
- R2LRN_HINT="use '?' "

- R2LRN_NEXTLEVEL=**101**

Please contribute

- Send PRs and suggestions for tasks
- Submit issues for tasks and the app itself

DEMO

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Installation

- Prerequisites:
 - radare2,
 - bash,
 - GNU coreutils

```
git clone https://github.com/0ki/r2lrn  
./r2lrn/bash/r2lrn.sh
```

<https://github.com/0ki/r2lrn>

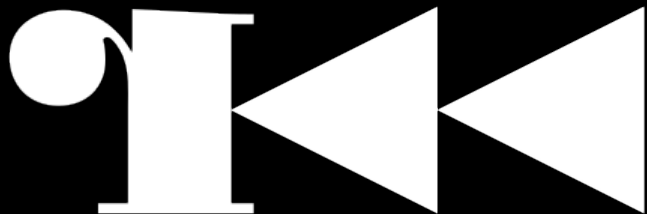
-or-

eja.lv/3g4

Thank you!

Any questions?

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