

First IDE for Nmap Script (NSE) Development

http://halcyon-ide.org/

#whoami

Sanoop Thomas

- Security Consultant at SEC Consult
- One of core team moderator at Null Singapore chapter
- Over 7 years in Information Security
- Before that I used to often type {curly braces} and ;semicolons;.
- Tweet Tweet @s4n7h0

Halcyon IDE

halcyon

/'hals:en,-ʃ(e)n/ •0

adjective

denoting a period of time in the past that was idyllically happy and peaceful.
 "the halcyon days of the mid 1980s, when profits were soaring"
 synonyms: serene, calm, pleasant, balmy, tranquil, peaceful, temperate, mild, quiet, gentle, placid, still, windless, stormless More

noun

- a mythical bird said by ancient writers to breed in a nest floating at sea at the winter solstice, charming the wind and waves into calm.
- 2. a tropical Asian and African kingfisher with brightly coloured plumage.

How did it all start?

- Repeated NSE development for internal pentesting
- Need of a developing environment
- Lot of things can be automated
- One of my coffee shop project
- http://halcyon-ide.org/

What

- First IDE specifically focused on NSE development
- Java based development
- Understands NMAP and LUA
- Easy NSE scripting environment

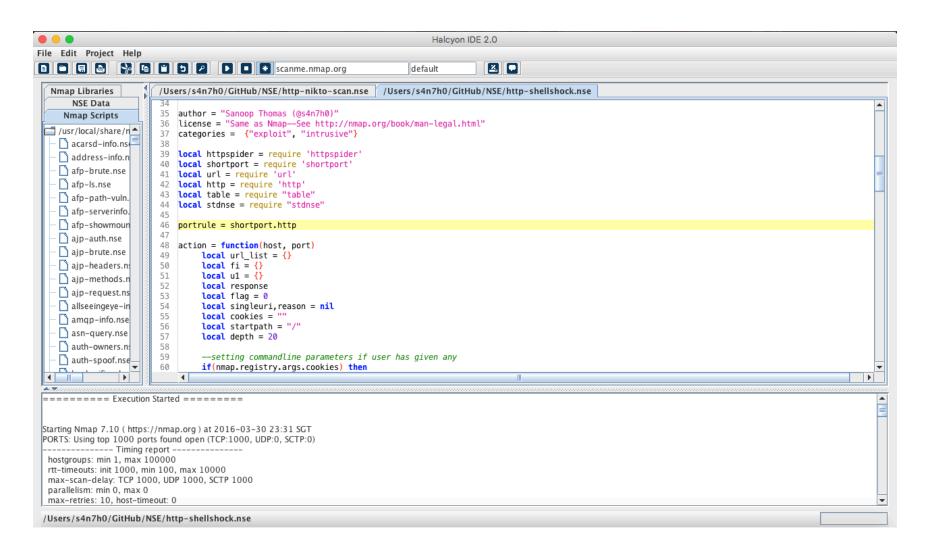
Project Page

- Official Page
 - http://halcyon-ide.org/
- Github
 - https://github.com/s4n7h0/Halcyon

Current Features

- Code intelligence
 - Syntax highlighting
 - Auto completing
- Easy configuration
 - Automated settings
 - Single click config
 - Manual configuration available
- Code generator
- Run/debug/fix within the IDE
- Pre/post development actions
- Build-in Decoder
- Scan-Diff

Halcyon IDE in Action



Future works

- Smart help wizard
 - Not just an IDE to code, but to learn as well
- Send me your suggestions

Questions & Feedbacks



• www.halcyon-ide.org



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https://github.com/s4n7h0/Halcyon