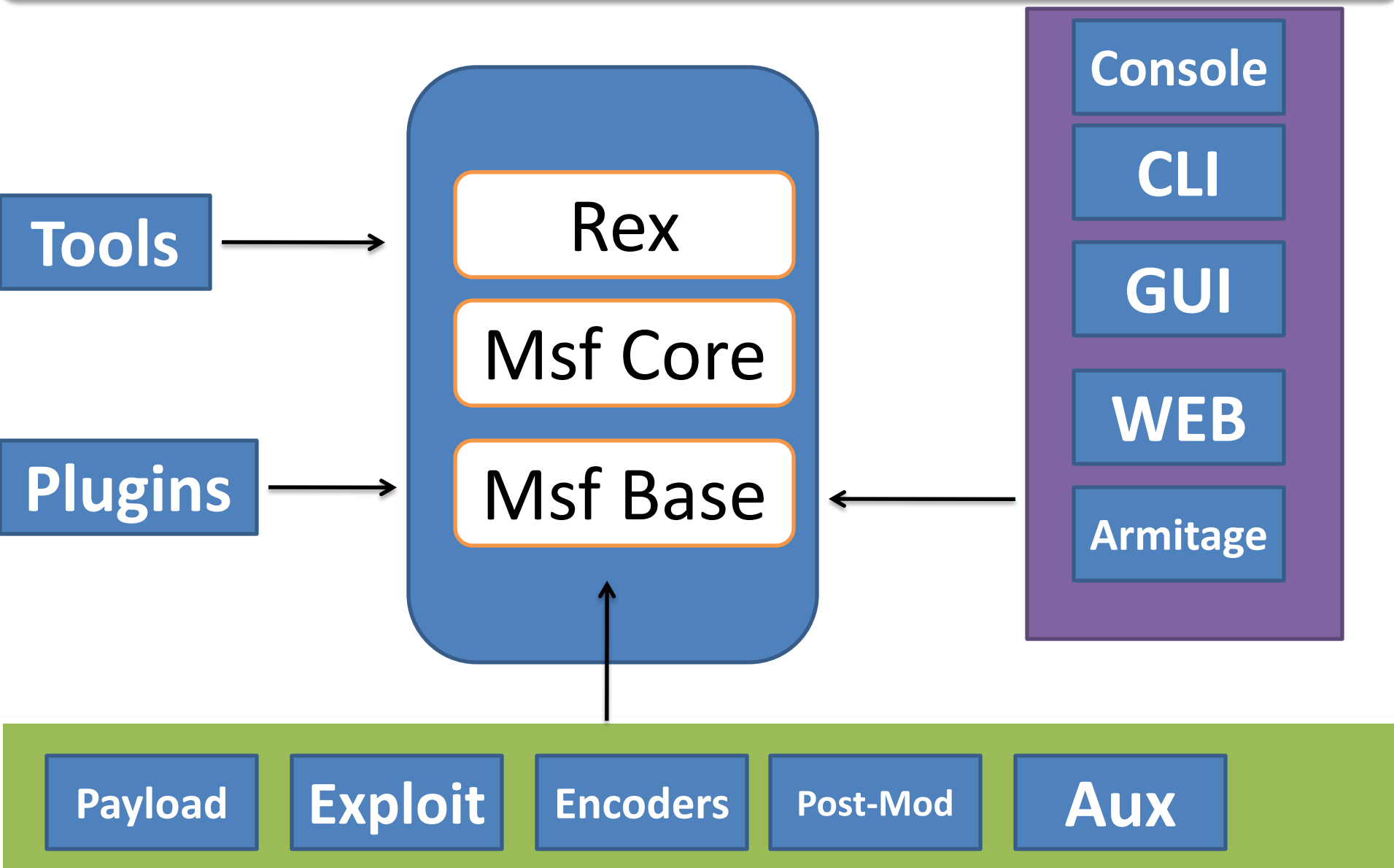


Metasploit Extreme On “Kali Linux”



www.HiteshChoudhary.com

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data: editable files used by Metasploit

documentation: provides documentation for the framework

external: source code and third-party libraries

lib: the 'meat' of the framework code base

modules: the actual MSF modules

plugins: plugins that can be loaded at run-time

scripts: Meterpreter and other scripts

tools: various useful command-line utilities

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Libraries

Rex

- The basic library for most tasks
- Handles sockets, protocols, text transformations, and others
- SSL, SMB, HTTP, XOR, Base64, Unicode

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Libraries

Msf::Core

- Provides the 'basic' API
- Defines the Metasploit Framework

Msf::Base

- Provides the 'friendly' API
- Provides simplified APIs for use in the Framework

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Modules

Exploits

Defined as modules that use payloads

An exploit without a payload is an Auxiliary module

Payloads, Encoders, Nops

- Payloads consist of code that runs remotely
- Encoders ensure that payloads make it to their destination
- Nops keep the payload sizes consistent.

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Locations

Primary Module Tree

Located under `/opt/metasploit/msf3/modules/`

User-Specified Module Tree

Located under `~/.msf4/modules/`

Loading Additional Trees at Runtime

Pass the `-m` option when running `msfconsole` (`msfconsole -m`)