

Writing Your Own Burp Extension and Exercising Automation



Sunny Wear

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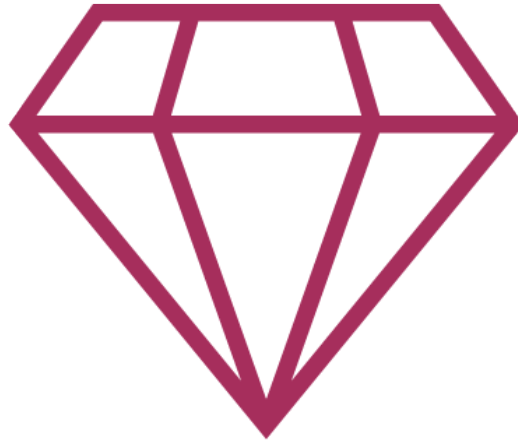
Custom Burp Plugins



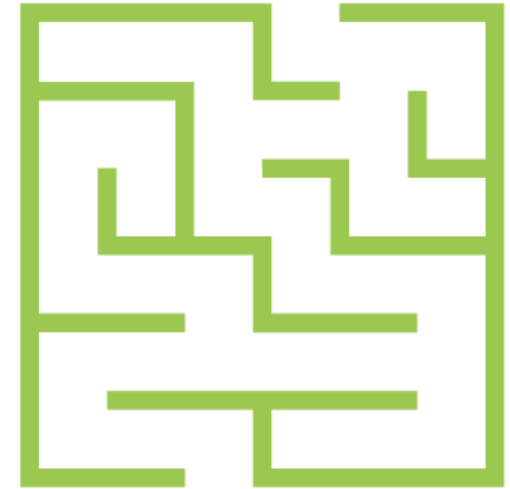
Extension Languages Supported



Java



Ruby



Python



Writing Your First Burp Plugin

```
package burp;  
  
public class BurpExtender implements IBurpExtender  
{  
    public void registerExtenderCallbacks(  
        IBurpExtenderCallbacks callbacks)  
    {  
        // your extension code here  
    }  
}
```



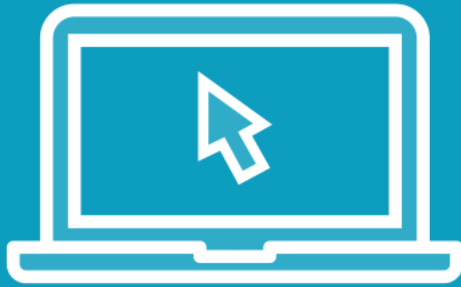
Burp API Files

Tab:
Extender, APIs

Button:
Save Interface Files



Demo



Create your first Burp plugin

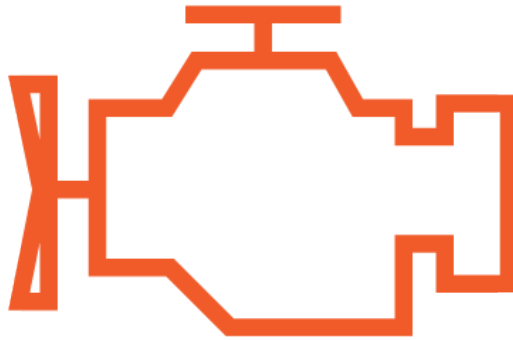
Use your favorite Java IDE



Automating Burp



Helpful Extender



Carbonator



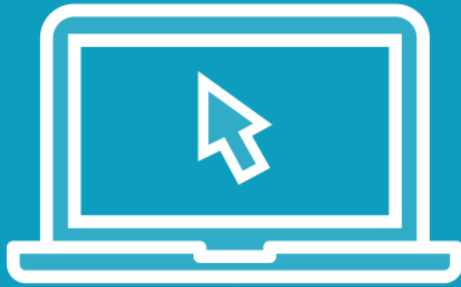
```
java -jar -Xmx2g -Djava.awt.headless=true  
./burpsuite_pro_v1.7.17.jar http localhost 3000 /
```

Headless Mode Invocation

```
java -jar -Xmx2g <path_to_burp> <protocol> <domain> <port> <folder>
```



Demo



Automating Burp using Carbonator



Summary



Writing our own plugin

Automating Burp functionality

