

## BasicSniffer

+ interfaceName:string  
+ ssid:string  
+ bssid:string  
+ clientMac:string  
+ encryptionKey:string  
+ saveFile:string  
+ startTime:int  
+ apChannel:int  
+ capturedPacketsCount:int  
+ shouldAttackOnlyPassive:bool  
+ currentStep:SnifferStep  
+ encryption:CypherSuites  
+ packetWriter:PacketWriter  
+ wpa2Decrypter:WPA2Decrypter

+ startSniffing():void  
+ deauthClient():void  
+ getNewStepInfo(SnifferStep):void  
+ setFilter(string):void  
+ getFilter(bool):string  
+ processPacket(PDU):bool  
+ collectBeacon(PDU):void  
+ collectData(PDU):void  
+ collectDataWEP(PDU):void  
+ collectDataWPA(PDU):void

## SnifferLibtins

- sniffer:Sniffer

+ SnifferLibtins(interfaceName, bssid, clientMac, encryptionKey, onlyPassiveAttack, saveFile)  
+ setFilter(string filter):void  
+ startSniffing():void

## SnifferLibpcap

- handler:pcap\_t

+ SnifferLibpcap(interfaceName, bssid, clientMac, encryptionKey, onlyPassiveAttack, saveFile)  
+ setFilter(string filter):void  
+ startSniffing():void