

# Security BootManager

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IWillFindYou/SecurityBootManager



# Section. 1 목 차

- Burning Stage 이후 달라진점
- 프로젝트 시연
- 프로젝트 향후 발전 방향
- Q&A

# Section. 2 Project 소개



# Security BootManager NAVER D2



# Section. 2 Burning Stage 달라진 점



BSD



MIT



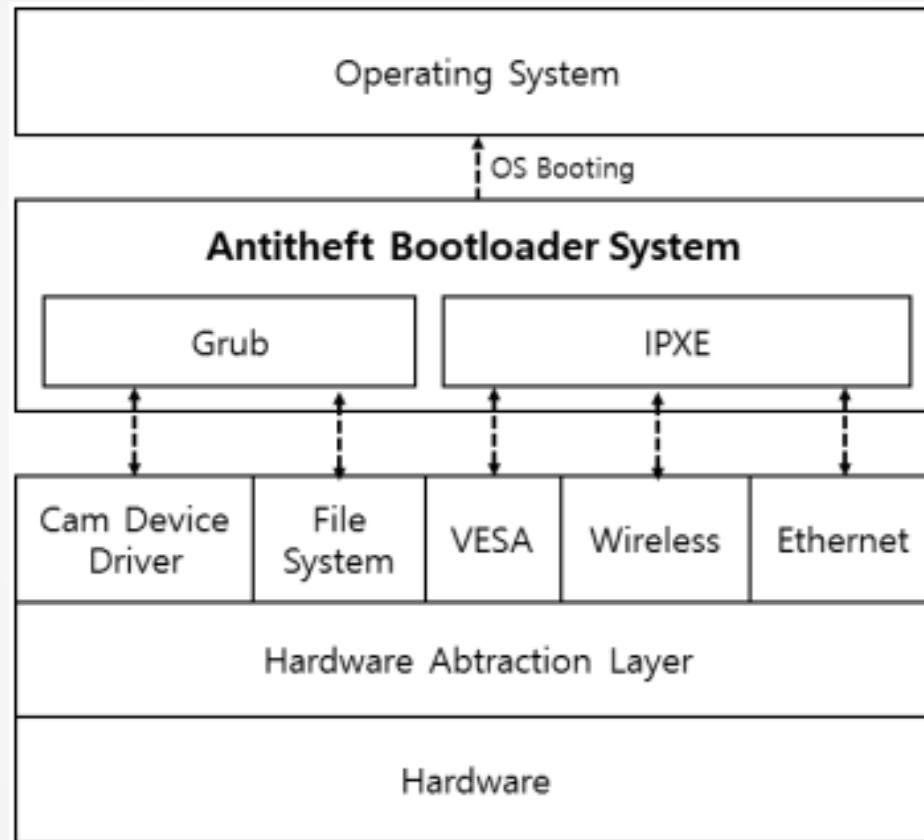
**Free as in Freedom**

GPLv3

License 적용 이슈



# Section. 2 Burning Stage 달라진 점



Grub/iPXE System Architecture

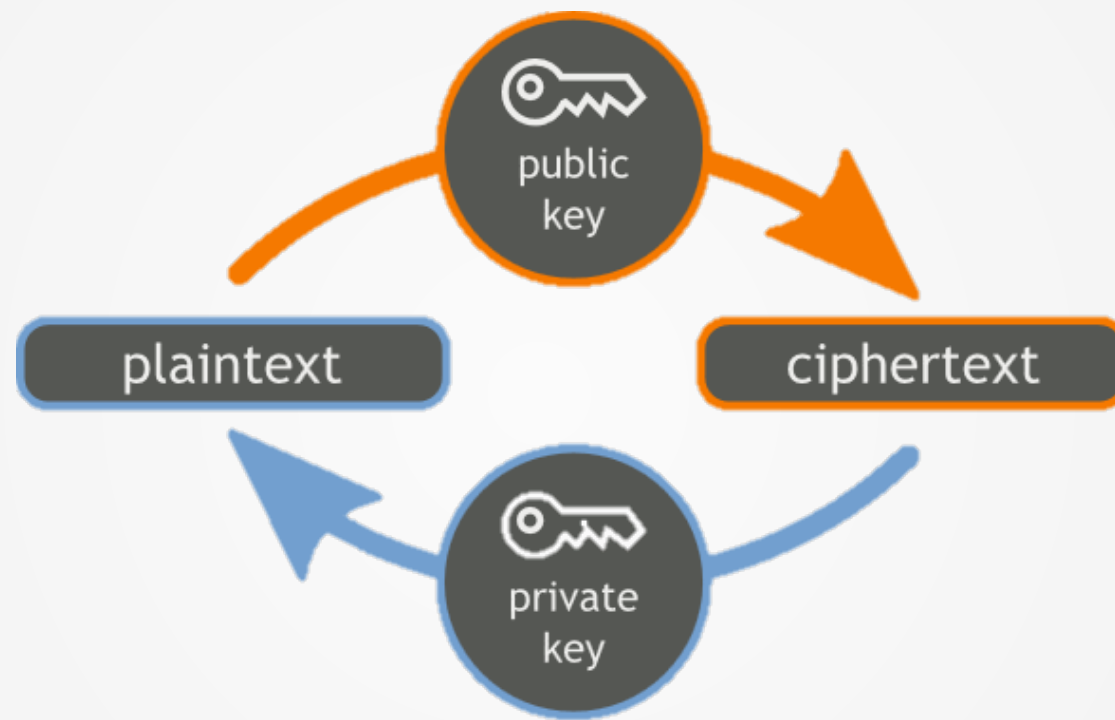
# Section. 2 Burning Stage 달라진 점

NAVER 



IEEE802.11 Wireless Driver Support

# Section. 2 Burning Stage 달라진 점



Packet RSA Encrypt

# Section. 2 Burning Stage 달라진 점



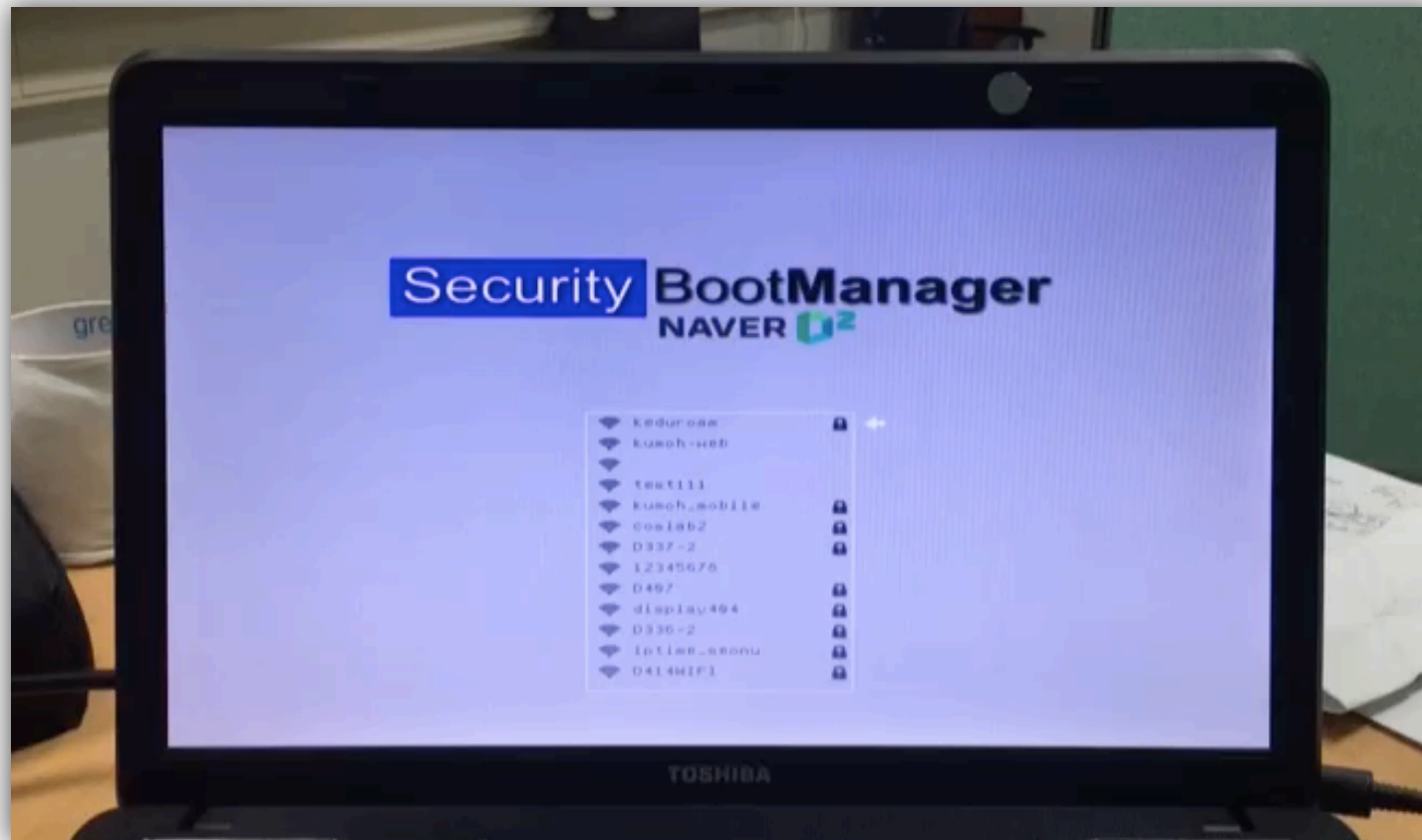
UnitTest Travis-Ci

Travis-Ci를 이용한 Auto UnitTest





# Section. 3 프로젝트 시연



# Section. 4

# 프로젝트

# 발전 방향



커널 로드 전 웹캠 구동 후  
전방 사진 촬영



BIOS 진입후 포맷을 이용한  
도난 프로그램 ByPass



VIDEO CLASS  
STANDARD

UVC를 통한 웹캠 표준  
규격 지원



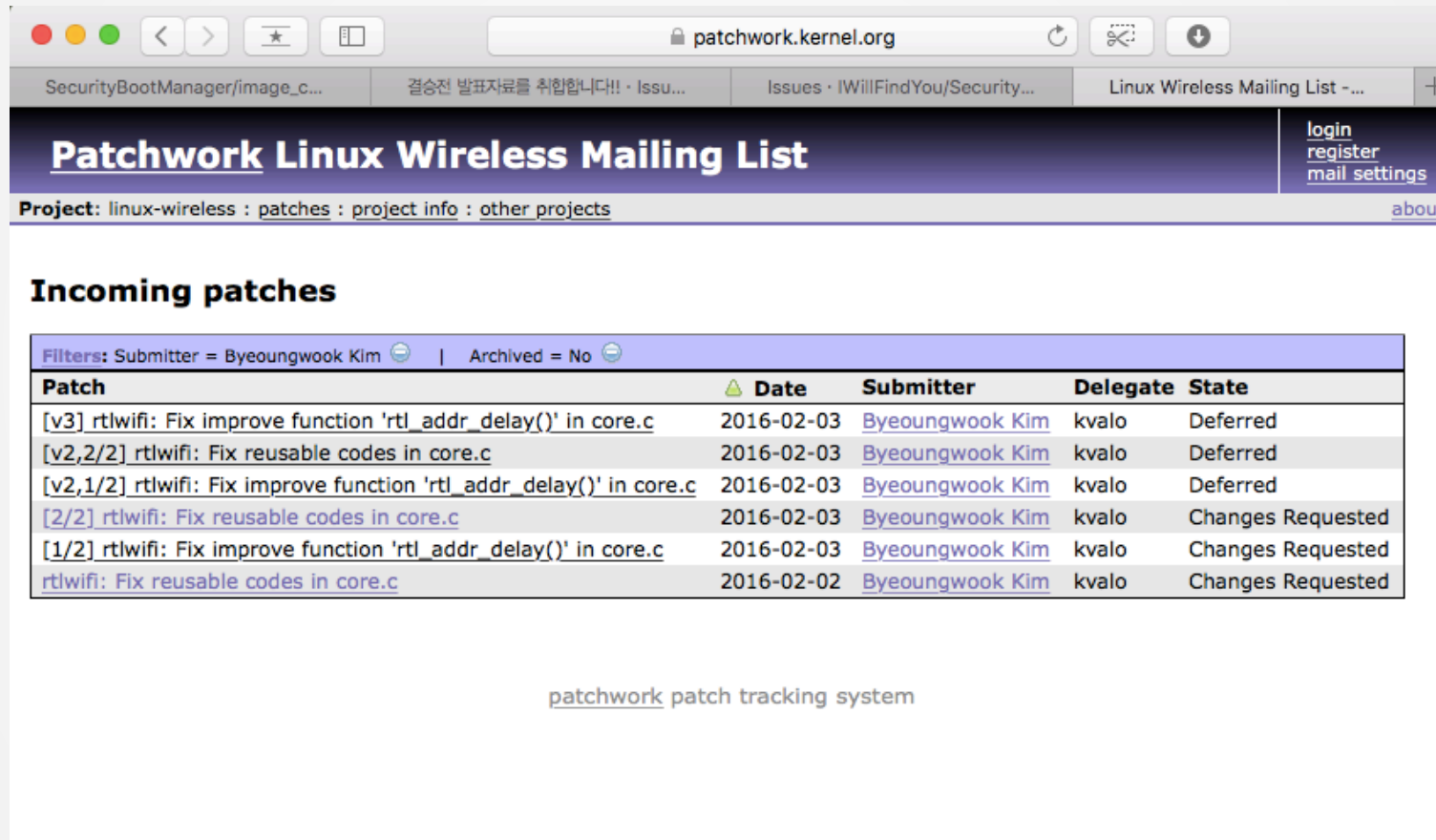
Wiki를 활용한 Documentation  
강화 & 홍보



# Section. 5 **번외**

<p><b>HoRangKi</b>  ByeoungWook ★★ Posts: 3 Joined: 2016-Jan Reputation: 0</p>	<p><b>RE: iPXE wasn't compiled.</b> <span style="float: right;">Post: #3</span></p> <p><b>mcb30 Wrote:</b> → (01-27-2016 21:55)</p> <p>Could you describe more precisely the error which occurs? Do you see any output (e.g. "IPXE initialising devices...")? At what point does the machine reboot?</p> <p>I was writing debugging code. The Debugging process was recorded to the youtube video. The youtube video link : <a href="https://www.youtube.com/watch?v=EF-vl8f-9xE">https://www.youtube.com/watch?v=EF-vl8f-9xE</a></p> <p><b>[Problem Call Stack]</b> <b>main()</b> =&gt; <b>initialise()</b> =&gt; initialise() return !! =&gt; <b>startup()</b> =&gt; core/devices.c : <b>probe_devices()</b> =&gt; PCI probe call =&gt; <b>pcibus_probe()</b> =&gt; <b>ath9k_init_device()</b> =&gt; <b>ath_rx_init()</b> =&gt; <b>ath_rxbuf_alloc()</b> =&gt; <b>infinite reboot</b></p> <p>I think it was being happened in ar9xxx code. Thanks for assistance!</p> <p style="text-align: right;">(This post was last modified: 03-13-2016 05:31 by HoRangKi.)</p>
<p>01-28-2016 15:32</p>	<p>        </p>
<p><b>mcb30</b>  Lead Developer ★★★★★★★★ Posts: 445 Joined: 2011-Apr Reputation: 24</p>	<p><b>RE: iPXE wasn't compiled.</b> <span style="float: right;">Post: #4</span></p> <p><b>HoRangKi Wrote:</b> → (01-28-2016 15:32)</p> <p><b>[Problem Call Stack]</b> <b>main()</b> =&gt; <b>initialise()</b> =&gt; initialise() return !! =&gt; <b>startup()</b> =&gt; core/devices.c : <b>probe_devices()</b> =&gt; PCI probe call =&gt; <b>pcibus_probe()</b> =&gt; <b>ath9k_init_device()</b> =&gt; <b>ath_rx_init()</b> =&gt; <b>ath_rxbuf_alloc()</b> =&gt; <b>infinite reboot</b></p> <p>Thanks for tracking that down. ath_rxbuf_alloc() was <b>very</b> broken. I've pushed a change to fix this one small part of the driver: <a href="http://git.ipxe.org/ipxe.git/commitdiff/d0bfd83">http://git.ipxe.org/ipxe.git/commitdiff/d0bfd83</a>.</p> <p>If we find any more bugs of this magnitude, then I'll just remove the whole ath9k driver.</p> <p>Michael</p>
<p>01-28-2016 23:29</p>	<p>      </p>

# Section. 5 **번외**



The screenshot shows a web browser window with the URL `patchwork.kernel.org`. The page title is "Patchwork Linux Wireless Mailing List". There are navigation links for "login", "register", and "mail settings". Below the title, there are links for "Project: linux-wireless", "patches", "project info", and "other projects", along with an "about" link. The main content area is titled "Incoming patches" and contains a table of patches. The table has columns for "Patch", "Date", "Submitter", "Delegate", and "State". The patches listed are all submitted by "Byeoungwook Kim" and are related to fixing or improving functions in `core.c` of the `rtlwifi` module. The states of the patches are "Deferred" or "Changes Requested".

Patch	Date	Submitter	Delegate	State
<a href="#">[v3] rtlwifi: Fix improve function 'rtl_addr_delay()' in core.c</a>	2016-02-03	<a href="#">Byeoungwook Kim</a>	kvalo	Deferred
<a href="#">[v2,2/2] rtlwifi: Fix reusable codes in core.c</a>	2016-02-03	<a href="#">Byeoungwook Kim</a>	kvalo	Deferred
<a href="#">[v2,1/2] rtlwifi: Fix improve function 'rtl_addr_delay()' in core.c</a>	2016-02-03	<a href="#">Byeoungwook Kim</a>	kvalo	Deferred
<a href="#">[2/2] rtlwifi: Fix reusable codes in core.c</a>	2016-02-03	<a href="#">Byeoungwook Kim</a>	kvalo	Changes Requested
<a href="#">[1/2] rtlwifi: Fix improve function 'rtl_addr_delay()' in core.c</a>	2016-02-03	<a href="#">Byeoungwook Kim</a>	kvalo	Changes Requested
<a href="#">rtlwifi: Fix reusable codes in core.c</a>	2016-02-02	<a href="#">Byeoungwook Kim</a>	kvalo	Changes Requested

patchwork patch tracking system

**QnA**

**Thanks for listen.**