

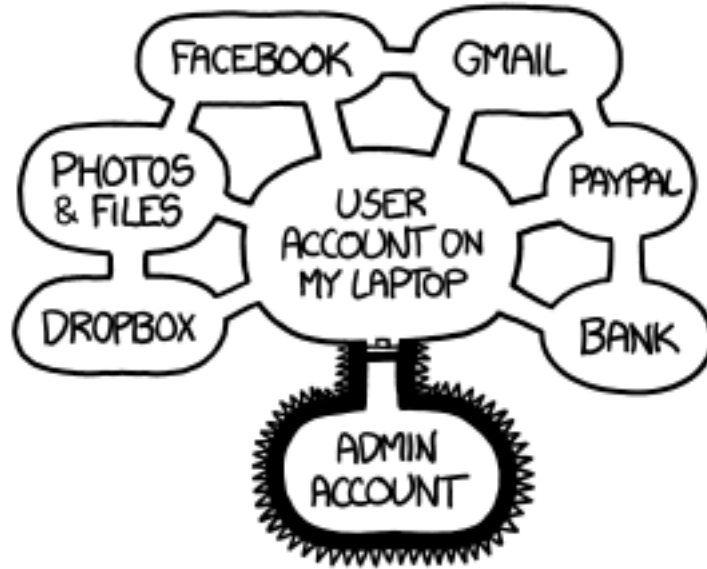
Qubes OS

Isolating and integrating your desktop

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Invisible Things Lab // Qubes OS

Fribourg , Switzerland, September 6th, 2016





IF SOMEONE STEALS MY LAPTOP WHILE I'M
LOGGED IN, THEY CAN READ MY EMAIL, TAKE MY
MONEY, AND IMPERSONATE ME TO MY FRIENDS,
BUT AT LEAST THEY CAN'T INSTALL
DRIVERS WITHOUT MY PERMISSION.

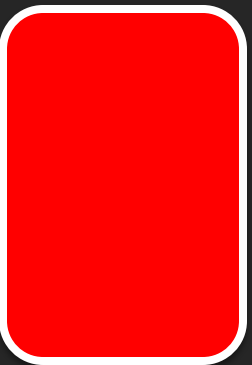
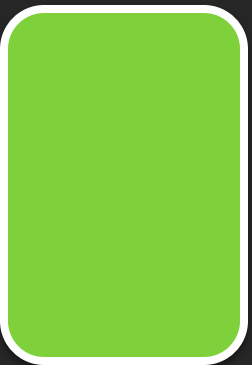
Isolation

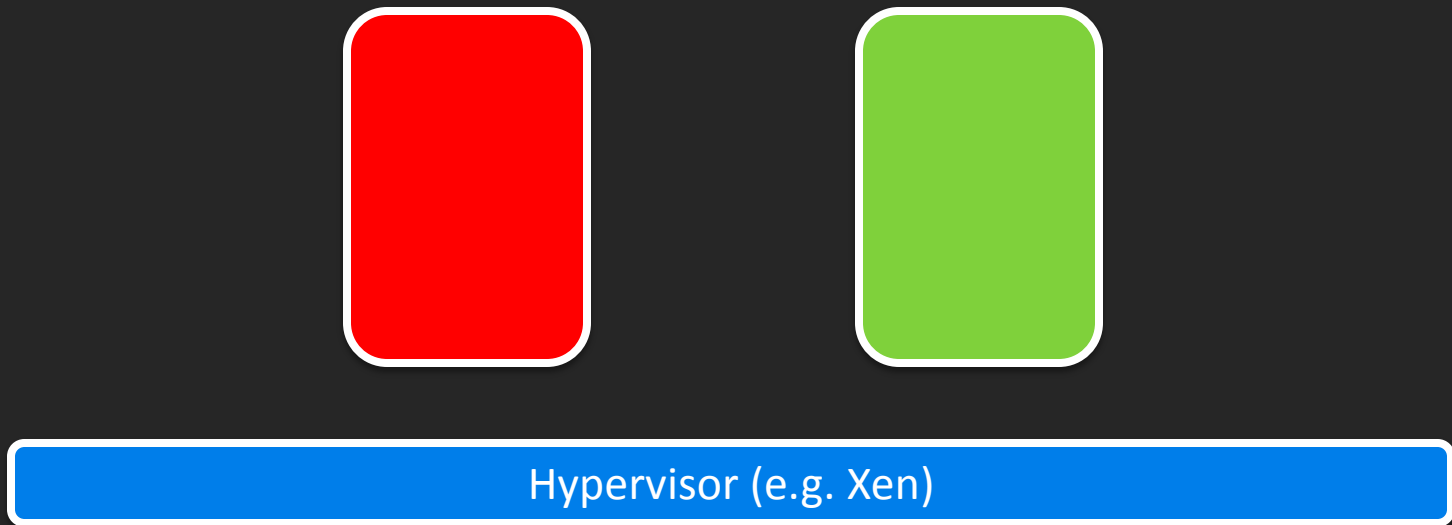
(Compartmentalization)

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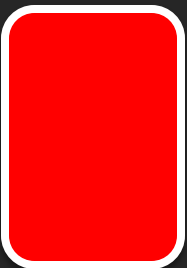
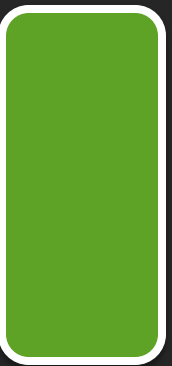
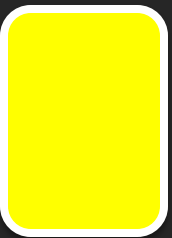
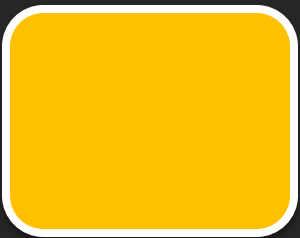


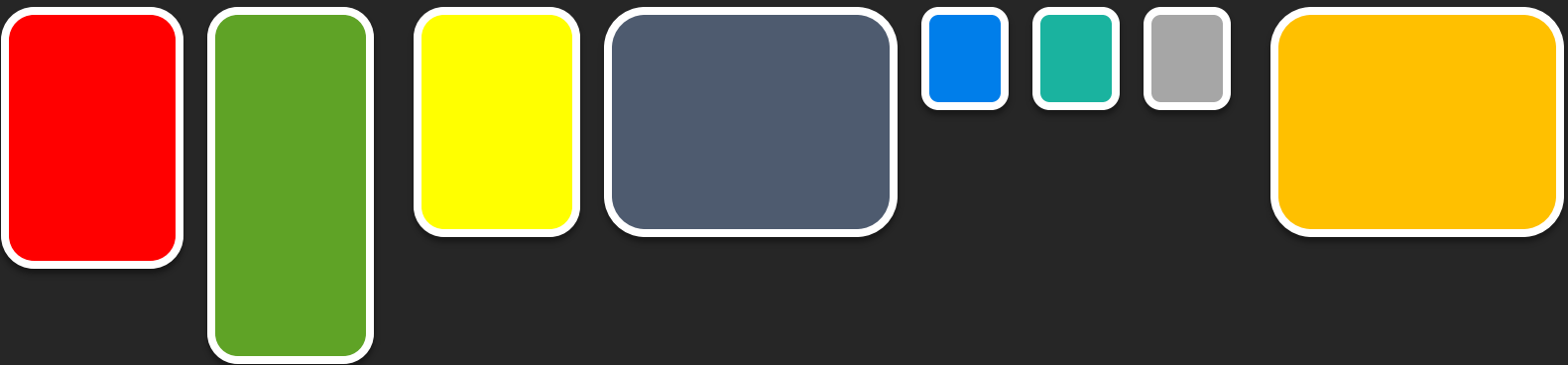
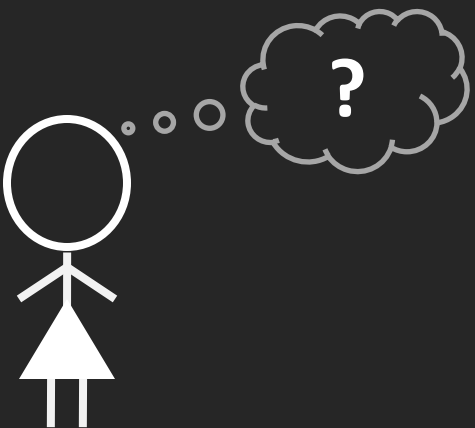
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Integration



Isolation

Qubes OS



Challenges



- Different UI/UX model (“hard to use”)
- Hardware (“can’t get a laptop to run Qubes”)



Future?



Roadmap

1. UI/UX (“Make Qubes easier to use”)
2. Hardware compatibility & trustworthiness
3. Security R&D



Security R&D



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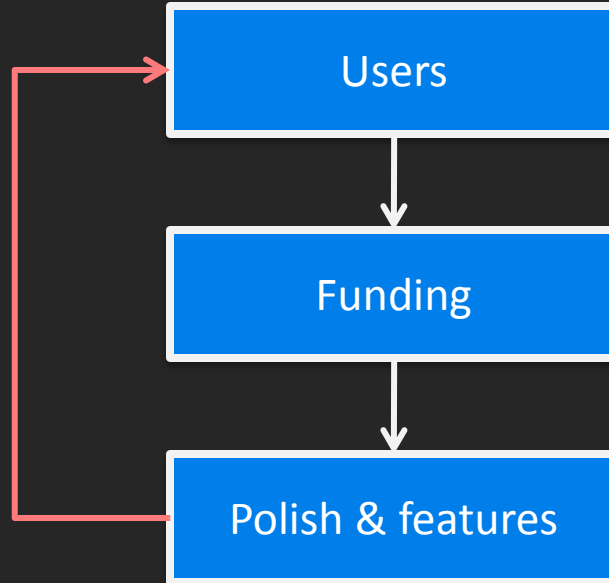


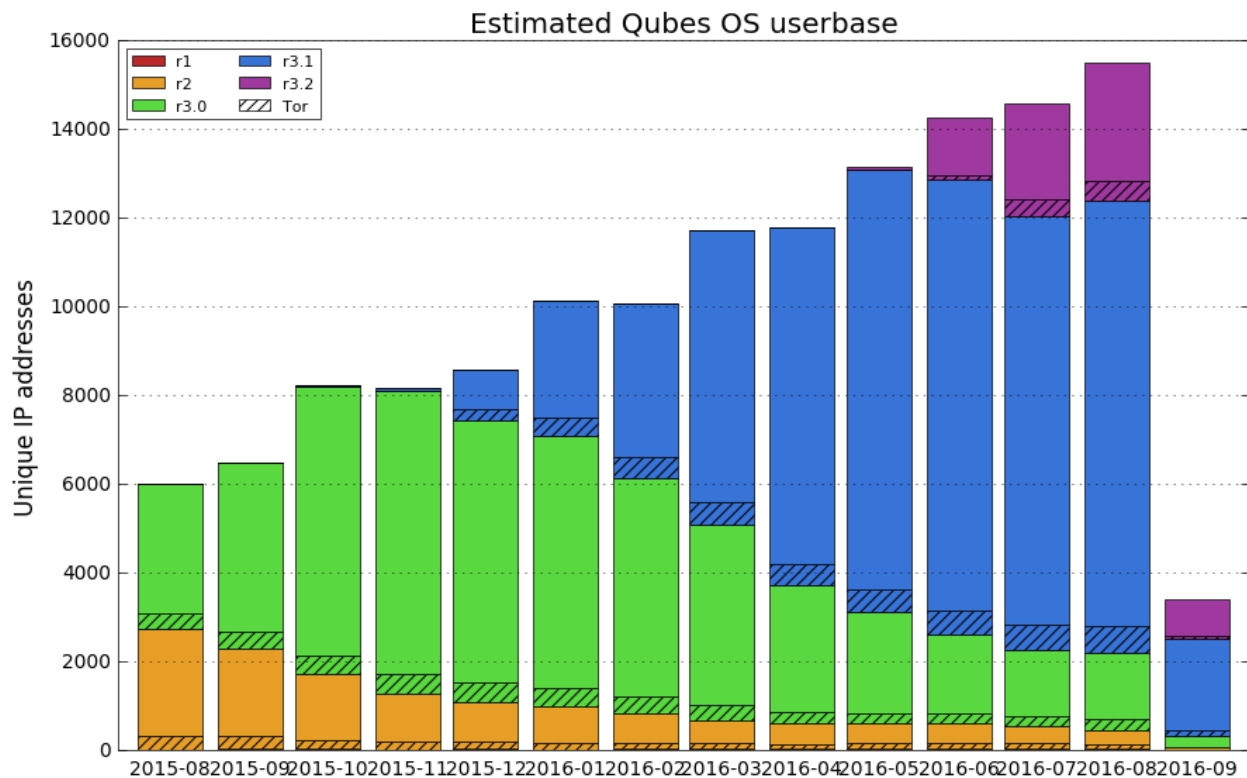
4. Commercialization of Qubes OS...

- Windows support
- (Remote) management infrastructure



Lifecycle of a new OS...





last updated: 04.09.2016 05:09
<https://github.com/woju/qubes-stats>

Stats are based on counting the number of unique IPs
connecting to the Qubes updates server each month.



Thanks!

