Tails - Feature #6083
Autorun in Windows
07/18/2013 07:50 AM - Tails

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<tr>
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<tr>
<td>Category:</td>
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<tr>
<td>Target version:</td>
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<tr>
<td>Feature Branch:</td>
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<tr>
<td>Type of work:</td>
<td>Code</td>
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<td>Blueprint:</td>
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**Start date:**

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<td>Spent time:</td>
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**Target version:**

**Affected tool:**

**Description**

Ship what's needed to run Tails inside Windows without installing anything.

It's of limited usefulness:

- with administrator rights, one may simply install VirtualBox and run Tails in it
- without administrator credentials, a portable emulator won't have kernel-side acceleration support, so the result with be almost unbearably slow

=> so patches welcome, but we won't work on it ourselves.

**Resources**

**QEMU for Windows**

It's hard to find proper information about this online. QEMU's website leads us to a broken link.

It seems the source code can be found here and pre-compiled binaries elsewhere. This is the place Incognito fetched its QEMU for Windows copy from.

The only piece of information I was able to find to reproduce such binaries from source is the patchset linked from the aforementioned page.

I could find no license information either.

**autorun4linuxCD**

The autorun4linuxCD offers a graphical tool to reboot on the inserted Live CD or to boot it inside qemu. The Debian package seems dedicated to Debian Live:

- homepage
- Debian package: autorun4linuxcd
- git clone git://git.debian.org/git/debian-live/autorun4linuxcd.git

It seems the package should be installed on the build system, and the content of /usr/lib/autorun4linuxcd/ copied at build time to the binary root of the built image.

Also, qemu for Windows should be installed in the binary image.

**Incognito**

Incognito installs qemu for Windows at build time (livecd-stage2.sh).

**win32-loader**

Supported by live-build in scripts/build/lb_binary_win32-loader, packaged in Debian.
Portable VirtualBox

Shipping a Portable VirtualBox could be a nice alternative to QEMU.

Linux Live USB Creator includes a Portable VirtualBox copy. This project is licensed under GPL v3, source code is available as well as a launcher. This one seems worth being tested.

There is also another version but I could find no license information nor source code. Moreover it seems it provides no support for a pre-configured launcher, but rather runs the VirtualBox configuration wizard.

<blockquote>
Some scripts seems to suggest it's GPL, and Linux Live USB Creator ships it. Somehow, even a setup wizard seems better than nothing to me. --bertagaz

Looks like this one needs administrator credentials.
</blockquote>

History

#1 - 07/19/2013 01:24 AM - intrigeri
- Type of work set to Code

Type of work: Code

#2 - 06/09/2014 12:26 PM - BitingBird
- Subject changed from autorun in Windows to Autorun in Windows
- Description updated
- Starter set to No