

What's new in R1/alpha3?

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Introduction

- Free Software Operating System
 - MIT licensed
 - Lightweight
 - Desktop focussed
 - Inspired by BeOS
 - Binary compatible for R1



Releases

- Project birth 2001-08-18
- R1/alpha1 2009-09-14
- R1/alpha2 2010-05-09
- R1/alpha3 2011-06-20



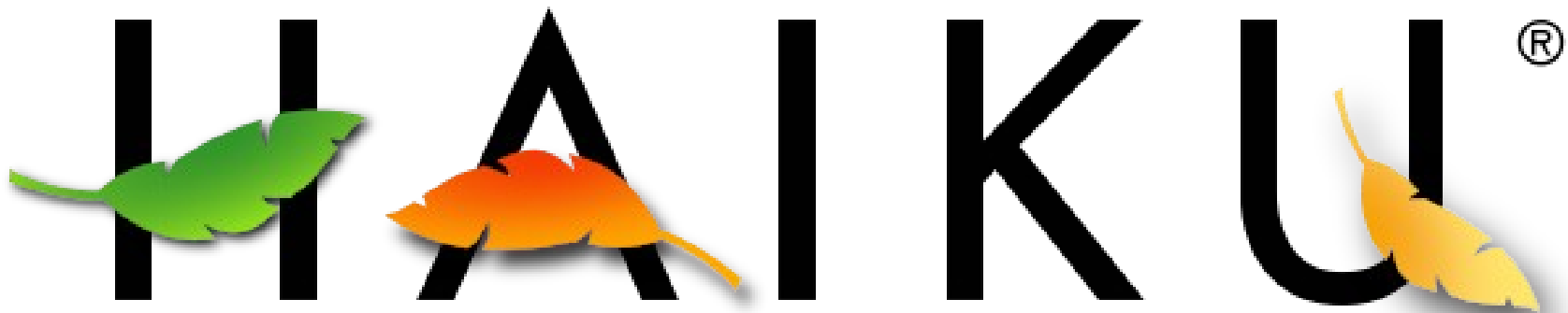
In the media...

- Official announcement
- OSNews: [Haiku Alpha 3 Released](#)
(feat. Michael 'mmlr' Lotz
& Adrien 'PulkoMandy' Destugues)
- ars technica:
[Hands-on: running Haiku alpha 3 on a netbook](#)
- linuxfr.org: [Sortie d'Haiku version 1 alpha 3](#)



Registered Trademark!

- In the US
- Not technically related
- Still useful for the project image



950 less BUGS!

- Still many left
- Don't hesitate to **report them** !
- Or even better, fix them and **submit patches** :-p



Improvements: HW Support

- IO-APIC (better PCI IRQ routing)
- Better ACPI
- PAE support (use more than 4GB of RAM)
- Video, network and USB driver improvements
- Guntenprint drivers
- Wifi
 - Stabilizing since Alpha2; still WEP crypto only
 - More drivers



Improvements: GUI

- "Stack & Tile" (not active by default)
 - Contributed by the University of Auckland
 - Allows grouping windows and title tabs
 - To enable: `setdecor SATDecorator`
- More Locale Kit stuff and translations (Chinese...); partial font fallback
- Improved Layout API
- More polished applications



File System festival

- BFS (of course!)
- btrfs
- exFAT
- ext2/3/4 (read/write)
- NTFS (r/w)
- UDF



More improvements

- Media
 - Support for more codecs and container formats
 - MediaPlayer enhancements
 - A MIDI sound font is now included
- Mail Kit: partial rewrite, better IMAP support
- Weak symbols and symbol preemption (gcc4)
- gcc4 updated to 4.4.4
 - Still requiring gcc2 for binary compatibility



New Applications

- **Caya** is becoming usable
- UltraDV (soon to be opensourced)
- Many new apps on **HaikuWare**



New Ports

- **JamVM** (Lightweight Java VM)
- **Mplayer**
- More Qt applications
 - **Arora** (web browser)...
 - We prefer them native, but they get a tourist visa



Some glitches

- Release Addendum
 - Vision (IRC client) missing Freenode settings
 - Missing CAcert SSL certificates
 - In VirtualBox sometimes booting Haiku can han_
 - Just needs a serial port :-D



So what's next?

- I've got a new laptop waiting for new drivers
- Finishing my XEmacs port
 - And other stuff on my long TODO list
- Merging Ingo's RT signal branch into trunk
 - Useful for some ports (latest VLC...)
- Package Manager (Work in progress)
- GSoC (**8 students** this year)
 - UVC webcam; VirtualBox guest additions, ZFS...



Still missing (same as alpha2)

- Java
 - Official OpenJDK support
- OpenOffice.org
 - OOo4Kids port started
- Gallium3D
- Firefox 5 (needs Cairo, or not?)
- Ports to PPC, ARM... (in progress)
- Package manager (Real Soon Now)



Are those missed by anyone?

- Flash™
 - $\text{Flash} \cap \text{Web} = \emptyset$
 - Gnash almost works (needs gcc4)
- OpenOffice.org / LibreOffice
- Firefox 5 (or 6, 7?)



Breaking news: WPA!

- A little bird told me yesterday night...
- Alpha3 backport of wpa_supplicant from trunk
- http://haiku.mlotz.ch/wpa_supplicant_r1alpha3.zip



Yeah I need it!!!

- <http://www.haiku-os.org/get-haiku>
 - Images for QEMU, Vmware, VirtualBox...
 - Anyboot Images (ISO & USB)
- <http://www.haiku-inc.org/order-disc.html>
 - Commemorative CD
 - $\geq 10\$$ (8€) / CD
 - Silk Printed



#ifdef
B_HAIKU_VERSION_1_ALPHA_3

*New Haiku release,
On summer users be pleased,
Download at your ease.*

#endif

