Anthon Open Source Community

Open Source to Youth, Open Source to China

The Beginning

The Beginning of "Anthon" can be dated back to the November of 2011. Three students from Yucai Experimental School – Jeff Bai, Yitao Yan and Bill Lin volunteeringly grouped up with their open source enthusiasm, and with their hope to contribute to Chinese open source "revolution". And here comes the beginning form of "Anthon" and later AOSC (Anthon Open Source Community).

Yuhui Zhu said above

Our Community

- The community came in as reality in 2013

- With just 1 project, AnthonOS

- The number turned into 5 in just 2 months.

Opening...

- The force of advancing to a community, of which comes from the engagement of members, and engagement is open to the whole community instead of just the 25 people from the "Dev. Team".

- AnthonOS became among all the projects of the community instead of the only one in the community.

- Community gained its name gradually, but brought some negative effect due to the use of inappropriate propaganda methods.

Inclusiveness...

- Although being a community focusing mainly on FOSS, but commercial/propriatery softwares are largely tolerated inside of the community. The community runs software projects to help people change from using Windows to Linux (AnthonOS or so), of which is called "Anthon Starter".

- Political topics are completely banned from the community since May of 2013.

- The community sets low entrance level for both user and developers and tried their best to help.

- The community also started campaigns in schools, and friendly recommended the use of FOSS.

Nowadays...

- Most works running inside of community are open, In comparison to the large number of things decided by the Dev. Team, most of them are open for all the members to decide in the way of public voting.

- The community runs almost 10 projects so far and all of them are being coordinated with the project leader and/or even all the participants.
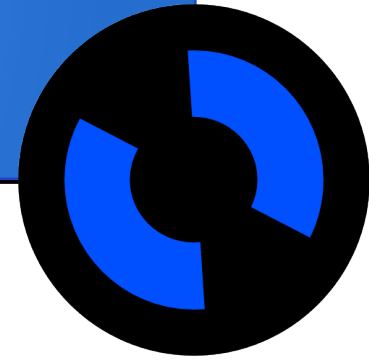
AOSC OS2, the Project

- AOSC OS2 is the name we call the whole project of Anthon Open Source Community 2nd gen Linux Distribution Project, which includes Icenowy, AnthonOS and CentralPoint.

- Unlike OS1 (1st Gen), the distributions are no longer derivatives of Debian or even openSUSE earlier on. OS2 is a independent project built ground-up from source code.

- We have absolute control to the distributions themselves, and we no longer have to be chasing the tails of upstream distribution (as distributions with special needs and aim, upstream can really bring trouble some times).

- With autobuild, a build system developed by AOSC, the distribution came in good shape in just half a year with more than 2000 packages available from the repository.

AOSC OS2, the Project (Technologies)

- x86_64 is the only supported architecture so far.

- Natively supports systemd but with compatibility available for sysvinit.

- Autobuild with dpkg as the basing building tools of the distribution (it even experimentally supports rpm to the day).

- GCC is the default compiler.

- To the case of 32 bit support, we use 32subsystem as the solution (a 32 Bit base system installed in /opt with basic support from libraries).

AOSC OS2-Icenowy

- Became one of the community's Linux Distribution.

- AOSC OS2's base and foundation

- Built to be simple in mind but preserved basic compatibility.

- It became a technology base but not suitable for day to day usage.

- AnthonOS and CentralPoint became possible with this base.

Icenowy According to its Author...

以下是來自 IcenowyLinux 作者鄭興達的自述

EHL，Eastern Heart Linux 的縮寫，曾經是我個人的項目（事實上，現在只有活躍開發的 D/R 線被 AOSC 關注，其他線依然視作我個人項目）。

EHL R/D 線的正式發布，起源於 2010 年。那時的 D1，還不是用的 dpkg，而是自己造輪子的 lpkg。當時 LinuxSir 給予了我豐富的營養。（D1 第一次發布也是在 Sir）

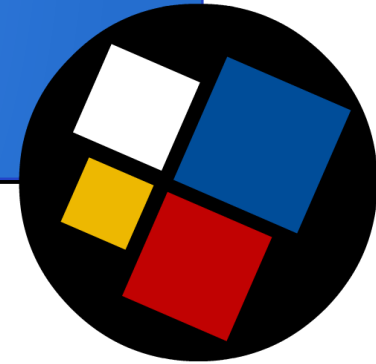至於 R2，是一個黑歷史：strip 壞的系統。這個版本號被永遠保留，警戒自己不要手賤。

R3 第一次採用 dpkg。但它與如今的 AOSC OS2 架構依然有一些不同：r3 基本系統是不打包管理的。後來發現 R3 的 python 支持出了岔子，於是留下遺憾終結。

R4 架構已經非常接近 OS2 了。但 R4 最後沒有結果（被我弄丟了 ... 只留下一份 livecd）

R5，這時已經改名為 Heartl，並且加入了 AOSC。準確的說，本來 Heartl 準備發成品的，但最後成了 AOSC :Next (後來的 AOSC OS2) 的基礎，所以在 RC1 面前收手了。

OS2，:Next 計劃的第一個成品，也就是 EHLR6。這成為了 AOSC 的主產品線。事實上，基於之前幾個系統，OS2 開始的時候已經趨於成熟。另，R6 (OS2) 與上述幾個系統有一個最大不同：OS2 是 x86_64 的，而 R5- 是 i686 的。
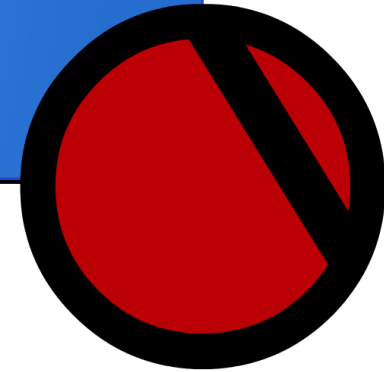
AOSC OS2-AnthonOS

- A product of AOSC OS2 project as the desktop distribution.

- It's simple but containes most stuff you need.

- KDE/Xfce/MATE editions are provided.

- Comes with AnthonUI designed by the community and "the AOSC Wallpaper Collection" from contribution of both inside and outside.

- Beta 3 is the newest version available.
  http://wenda.anthonos.org/article/11

AOSC OS2-CentralPoint

- Became the server distribution of the community in Feb. 2013.

- A product of AOSC OS2.

- Aimed at non-professional or home usage with optimization for fast deployment.

- Cherokee is the default HTTP server software supported.

- Beta 1 is released. http://wenda.anthonos.org/question/9

AOSC OS2 – The Change

- All AOSC OS2 development materials are preserved.

- GitHub is the main collabrating platform.

- Much more people are involved.

- The distribution is with better quality, ease of maintaining and better support.

Other Projects from AOSC

- Anthon Starter, as described in its name, provides a fast way to deploy AOSC distributions under Windows.

- LinkC, an implementation of both protocol and applications of a IM software.

- :Next-Translations, the localization repository of the community, all localization works in this repo are provided or at least tried to be provided to the original upstream maintainer(s).

- … there are many more.

We need your help!

- AOSC is a community that cares about international usage and we are not limited to native language users.

- We need localization maintainers to bring better experience to different languages.

- Most of the development members are high school or even middle school students from the mainland, we don't have too much time for the work to be done.

- We have many interesting projects running but some of them needs peple, desprately.

- Funding! Although we are non profit group of people, we need fund for the server and some development to work.

Get Involved!

- To find the Dev. Group, mail us at aosc@members.fsf.org

- Provide your thoughts and bugs encountered to bugs.anthonos.org

- Make our source repo better and bigger github.com/AOSC-Dev

- Write articles for our Wiki wiki.anthonos.org

- Talk to us at wenda.anthonos.org