

osFree project

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osFree is a Free Open Source software operating system development project, aiming to replace eventually all OS/2 subsystems with Open source analogues. It aims for OS/2 Warp 4 (Merlin) as a base compatibility system, which does not mean that we will not support features of newer (OS/2 Warp Server for e-business, eComStation and ArcaOS) OS/2 versions. This includes rewriting not only user-level code but the OS/2 kernel too.

We're collecting existing code for OS/2 subsystems for years. Also we are developing our own bootloader named FreeLdr and OS/2 personality for L4 microkernel, i.e. a number of servers, implementing the Control Program (OS/2 kernel) Interface functionality in userspace. See osFree design and development concept for more details. Visit the #osFree IRC channel on the EFNet or https://t.me/osfree_pub Telegram channel.

Several projects with similar goals exist (or existed). Here is the brief comparison of goals and tasks of different projects.

Our project is reusing the code of many opensource projects.

Our project addresses in hidden networks: Tor one, I2P one, Yggdrasil.

Also, we're available as https://osfree.su or https://osfree.ru, and as http://osfree.lib (the latter is domain in EmerDNS decentralized DNS system). Also, in addition to https:, all domains can be accessed as http: too.

- Learn more

Project News

09 June, 2020

SMTP server now working, anti-spam measures taken.

Recently, we added some anti-spam measures for our forum and mail server. Anti-spam plugin installed on our forum. Now we check all users against the black list when they are registering or posting messages. This reduces the number of spambot accounts registered significantly.

Also, now our SMTP server is able not only receive mail, but send too. Now the mail from our server to other email servers, like e.g. gmail.com, is accepted. So, from now, we enabled verification emails when registering user accounts, and disabled account approving by the administrator. So, registration at the forum is now open.

2020/06/09 10:58 · 28 Comments
mail, smtp, antispam, forum

15 May, 2020

Today, a new developer joins the osFree team. Let's introduce Pedro Vicente from Portugal. Welcome to our team!

2020/06/09 14:22 · 9 Comments
team, development

03 September, 2019

Several people asked about how they could donate to osFree. Recently, we created a Patreon page for osFree to collect donations on monthly basis. So, if you want to support osFree, become a patron. If you want to make a one-time donation, you can transfer some money to our Bitcoin wallet. See Donate page for more details.

2019/09/02 21:34 · 0 Comments

22 December, 2018

Forum migration to pbpbb3.

Today we migrated our forum from myUPB to phpbb3. Also, from now, wiki logins are integrated with forum, so, once you login to wiki, you're logged-in in forum, and vice versa. We migrated all old wiki users, so, login/password are still the same.

2018/12/22 17:55 · 0 Comments
site, migration, forum, wiki

7 June, 2018

Migration to the new hosting.

Today we started migration of osfree.org to another hosting. Here we'll have more powerful server with more disk space, RAM and network bandwidth.

2018/08/16 11:25 · 0 Comments
site, migration, server, hosting

11 February, 2018

Migration to GitHub.

Today Oxyd finished migration of our source code repository from SourceForge to GitHub. Our new repository is https://github.com/osfree-project/osfree/. We welcome new contributions and pull requests, since now.

2018/08/16 11:16 · 0 Comments
migration, repository, github, sourceforge, git, svn

3 December, 2017

Migration to Genode is started.

We started to create the required abstraction layers to make the osFree OS/2 personality more portable. This will allow us to also create L4Re and Genode ports. As our OS/2 personality is currently based on an outdated and abandoned L4Env OS framework, we need to migrate to a more alive and developing framework. Most promising is Genode OS framework, though, L4Re, which is a successor for L4Env is also evolving and it supports more hardware platforms, than Genode. So, ideally, we need ports of our OS/2 personality to both. Currently, Genode has more priority, the port is in progress.

2018/08/16 11:03 · 0 Comments
genode, l4env, l4re, migration, os2, kernel, personality, framework

27 June, 2014

RSS feeds repaired, the fight with spambots seems to reach the end

After server crash at the end of 2012, the site is being repaired from Feb.-Mar. 2013 until now. Now the wiki is being filled with info (some of which is restored from web.archive.org), and parts of Forum too. So, welcome to our new site! Also, until now, some code were committed to the repo (namely, fat32.ifs with FORMAT routine enabled (by valerius), and also commits by Viking, fixing some problems with build system under linux etc.)

2018/08/16 10:51 · 0 Comments
site, repairs, commits

27 October, 2011

A presentation of osFree on CC'2011

August 28, osFree team member Vadim Priluzkiy (aka Oxyd) has demonstrated osFree OS/2 personality working together with l4linux over L4 microkernel. The presentation was carried out during the Chaos Constructions'2011 yearly Computer Art Festival. (http://party11.cc.org.ru), the presentation video is here: http://youtube.com/watch?v=yxE6Jy3SQ04

2018/08/16 10:47 · 0 Comments
promotion, demonstration, festival, cc2011

31 January, 2010

Recent activity

We have linked our channels #osfree @ eCSNet and #osfree @ EFNet. All messages in one channel are translated to another channel. Also we reviewing our release and development position to be more effective. As always, we are welcome new developers in many areas (DOS/WIN16 and OS/2 subsystems).

2018/08/16 10:45 · 0 Comments
irc, development, welcome

5 September, 2009

Forums

Registration in forums at osfree.org site is enabled recently. Please report forum bugs and render problems to us in “osfree.org site” forum.

2018/08/16 10:41 · 0 Comments
site, forum

3 September, 2009

0.0.4 release

We released this preview to show actual possibility of LX executables (native OS/2 executable file format) to be run on top of L4. Output from LX executable is “I am really small!” phrase. Other things are debug output. Our executable uses msg.dll which uses doscalls.dll. So, linking also works. Also we present here osFree loader which allows to load as Multiboot compatible kernels as native OS/2 kernel. Loader is modular and easy to extend. Next release will provide some interactive like directory browsing and files execution. See roadmap at www.osfree.org for more info.

2018/08/16 10:39 · 0 Comments
development, milestone, roadmap

Older entries >>

- More news

osFree userland commit log

- Better transport protocol (more stable). Start of template implementa... by prokushev (2026/11/04 15:47)
  Better transport protocol (more stable). Start of template implementation for transport DLL. Start of debug subsystem (rework from original FreePM). Remove dup code and headers.
- Improve transport handshake. PMTCP now multithreaded. PMCLIENT migrat... by prokushev (2026/11/03 20:33)
  Improve transport handshake. PMTCP now multithreaded. PMCLIENT migrated to common emulation layer. New GPI tests.
- Paths support by prokushev (2026/11/03 08:09)
  Paths support
- Elements and Labels support added. by prokushev (2026/11/03 06:55)
  Elements and Labels support added.
- Segment priority implementation. by prokushev (2026/11/03 03:29)
  Segment priority implementation.
- Chain support by prokushev (2026/11/03 03:00)
  Chain support
- Segments not can be correctly deleted, Get/Put now works. by prokushev (2026/11/02 17:22)
  Segments not can be correctly deleted, Get/Put now works.
- Segments recording/plaing by prokushev (2026/11/02 16:45)
  Segments recording/plaing

- PS control now in shared code (to be insync) by prokushev (2026/11/02 16:19)
  PS control now in shared code (to be insync)
- Server dispatcher moved to shared code. by prokushev (2026/11/02 15:17)
  Server dispatcher moved to shared code.
- Move shared code to shared include. Most of GOCA emitters. Protocol s... by prokushev (2026/11/02 15:14)
  Move shared code to shared include. Most of GOCA emitters. Protocol structures moved to common place.
- Some more GPI proxies. by prokushev (2026/11/02 09:51)
  Some more GPI proxies.

osFree OS/2 personality commit log

- Update sources to the latest Genode source. by valerius2k (2023/06/10 02:18)
  Update sources to the latest Genode source.
- Fixes to comply with the latest Genode sources. by valerius2k (2022/10/24 01:46)
  Fixes to comply with the latest Genode sources.
- Delete unneeded symlink. by valerius2k (2022/05/15 22:01)
  Delete unneeded symlink.
- Additional fixes to build for Genode target successfully. by valerius2k (2020/07/27 20:12)
  Additional fixes to build for Genode target successfully.
- Add forgotten unpack.c file. by valerius2k (2020/06/18 23:58)
  Add forgotten unpack.c file.
- LX loader fixes and enhancements by valerius2k (2020/04/25 11:29)
  LX loader fixes and enhancements - LX executable pages packing algorithms implementations. All three algorithms are supported from now, including the new algorithm introduced in OS/4 kernel. For that purpose, some code is ported from QSINIT, kLdr and lxlite. - Memory align option is introduced in allocmem() function in LX loader, so now executable sections can be e.g., a 0x10000-byte aligned. - More options, fixup types and entry options are supported now. Now LDT is initialized with 8192 16-bit descriptor. Small patch is applied to L4/Fiasco kernel, so that, kernel should use 8192 LDT descriptors, not 512 ones, which fit in one memory page. So, now some bits of tiling is implemented. Though, 16- bit OS/2 code support is not yet finished. 16:16 and 16:32 fixups and entries are now supported. - Region align support in RegAreaAttach. - Extra fixups support in os2exec. Now fixups other than 32-bit self-relative ones, are supported.
- - Update the L4env-related README by valerius2k (2020/04/05 09:39)
  - Update the L4env-related README - Build sustem fixes for L4env - Correct registers setup before jumping to the binary (l4env) - LX loader fixes to correctly run vp.exe (VirtualPascal test binary) - Event semaphore-related API fixes
- LX loader: Code formatting and style fixes. by valerius2k (2019/11/22 06:06)
  LX loader: Code formatting and style fixes.
- - Use local file handles per task. In os2fs server, use system-wide file by valerius2k (2019/11/21 18:49)
  - Use local file handles per task. In os2fs server, use system-wide file handles, with system file table (SFT). - Fix handlemgr lib. - LX loader: pad remainder of executable file pages to 0x1000 bytes with zeroes. - LX loader: respect a fixup flags like 32-bit target offset, 32-bit additive fixup, 16-bit object number/module ordinal number, 8-bit ordinal. - LX loader: add support for source lists in fixups. - LX loader: some formatting/code beautifying.
- l4env, l4re: Build system fixes and enhancements. Now mounting/unmoun... by valerius2k (2019/09/29 16:19)
  l4env, l4re: Build system fixes and enhancements. Now mounting/unmounting dirs into chroot

works correctly.
- - Update package hashes. by valerius2k (2019/04/13 00:00)
  - Update package hashes. - Add platform-independent thread API code.
- - Update package hashes. by valerius2k (2019/04/10 21:27)
  - Update package hashes. - Add client lib packages for each server. - Start thread code unification.

Last forum topics

- osFree.org site • im new here by erikk71 (2025/02/28 23:00)
- osFree.org site • Re: Donation link is broken by valerius (2019/09/02 23:15)
- Off-Topic • Re: Support of third party programming languages by savniambekar (2019/04/15 05:10)
- General topics • Updated ISO by valerius (2019/03/23 13:08)
- Off-Topic • Re: Support of third party programming languages by valerius (2019/03/19 02:31)
- osFree.org site • Re: Donation link is broken by generalram (2019/03/19 02:04)
- Off-Topic • Re: Support of third party programming languages by generalram (2019/03/19 02:00)
- Off-Topic • Re: Support of third party programming languages by valerius (2019/03/19 00:14)
- Off-Topic • Re: Nice link by valerius (2019/03/19 00:12)
- General topics • Re: IS there a bootable ISO file by valerius (2019/03/19 00:04)
- osFree.org site • Re: Donation link is broken by valerius (2019/03/18 23:29)
- General topics • IS there a bootable ISO file by generalram (2019/03/18 22:08)
- Off-Topic • Re: Nice link by generalram (2019/03/18 22:03)
- Off-Topic • Support of third party programming languages by generalram (2019/03/18 22:01)
- osFree.org site • Donation link is broken by generalram (2019/03/18 21:36)

Roadmap

We're now at the **alpha** stage, which means that the current version is **not feature-complete nor stable** and not recommended for everyday usage. The 0.0.x release series will still stay in alpha stage, and 0.9 release series will be marked as beta, meaning a system which is suitable for every day use.

The next release will be 0.0.5, with an release date being open. See our osFree roadmap for details.

Getting access to site areas

The site has several separate areas, like wiki, forum, bugtracker, webmail and dotProject. If you want to get access to these, you should register here first. After you verify your account via email, you'll get access to all five parts of the site. Approval of user accounts by site admin is now disabled. After verification of your account, you need to wait 15 mins or less, until your account info is propagated from forum to another site parts. Note also, that there is a guest account (user: guest, password: guest), which allows you to login to the site areas, requiring a login (like a dotProject area). It gives you a read only access. Once you log in into the forum, you get access to wiki too, and vice versa. The same login applies to dotProject, webmail and bugtracker. After adding to “Users” group you'll get a write access to wiki, bugtracker and forum. If you want to contribute to site design or development, or to get a mail account, the admin can add you to corresponding user groups and your access level will

be increased. In case of troubles, or questions, you can contact site admin.

From:
https://osfree.su/doku/ - **osFree wiki**

Permanent link:
https://osfree.su/doku/doku.php?id=en:start

Last update: **2025/02/08 04:41**