

Working with the FreeBSD Project

Ed Maste
November 2014
Developer and Vendor Summit



Project Collaboration

- Mailing Lists
- Forums
- IRC
- Subversion
- Perforce
- Git
- Bugzilla
- Phabricator

Mailing Lists

- > 150 lists
- <http://lists.freebsd.org/mailman/listinfo>
- Charter and archives available for each list

lists.freebsd.org Mailing Lists

Welcome!

Below is a listing of all the public mailing lists on lists.freebsd.org. Click on a list name to get more information about the list, or to subscribe, unsubscribe, and change the preferences on your subscription. To visit the general information page for an unadvertised list, open a URL similar to this one, but with a '/' and the list name appended.

List administrators, you can visit [the list admin overview page](#) to find the management interface for your list.

If you are having trouble using the lists, please contact mailman@freebsd.org.

List	Description
ctm-announce	CTM Announcements [moderated]
ctm-ports-cur	CTM ports distribution
ctm-src-10	CTM 10-stable src branch distribution
ctm-src-10-fast	CTM 10-stable src branch distribution [No rate limiting]
ctm-src-4	CTM 4-stable src branch distribution
ctm-src-4-fast	CTM 4-stable src branch distribution [No rate limiting]
ctm-src-5	CTM 5-stable src branch distribution
ctm-src-5-fast	CTM 5-stable src branch distribution [No rate limiting]
ctm-src-6	CTM 6-stable src branch distribution
ctm-src-6-fast	CTM 6-stable src branch distribution [No rate limiting]
ctm-src-7	CTM 7-stable src branch distribution
ctm-src-7-fast	CTM 7-stable src branch distribution [No rate limiting]
ctm-src-8	CTM 8-stable src branch distribution
ctm-src-8-fast	CTM 8-stable src branch distribution [No rate limiting]
ctm-src-9	CTM 9-stable src branch distribution
ctm-src-9-fast	CTM 9-stable src branch distribution [No rate limiting]
ctm-src-cur	CTM -current src distribution
ctm-src-cur-fast	CTM -current src distribution [No rate limiting]
ctm-svn-cur	CTM distribution of SVN files
ctm-svn-cur-fast	CTM distribution of SVN files [No rate limiting]
ctm-users	CTM User discussions

Keeping up to date

- **freebsd-announce**
New Forums software online
- **freebsd-security**
system identification in utx database?
- **freebsd-security-notifications**
*FreeBSD Security Advisory FreeBSD-SA-14:23.openssl
(also delivered to above lists)*

Keeping up to date

- **freebsd-current**

CURRENT: buildworld fails to compile

- **freebsd-stable**

10.1-BETA2 possible kernel memory leak in routing table

- **svn-***

svn commit: r273742 - head/sys/netinet6

Technical discussion

- **freebsd-arch**
amd64 modules still use atomics as callable functions
- **freebsd-hackers**
gmake && file time precision of 1 second
- **freebsd-toolchain**
using code coverage with clang

Technical discussion

- **freebsd-arm**

Allwinner A13 support (patches attached)

- **freebsd-usb**

CEC device not attaching to xHCI port

- **freebsd-testing**

Automatically running /usr/tests under Jenkins

Miscellaneous

- **freebsd-questions**

How do I tell which driver I need for sound?

- **freebsd-jobs**

Position open for Infrastructure Team Lead

Obsolete

- **freebsd-tokenring**

any progress on madge rapidfire 3140 V2 support?

Loan offer at interest rate of 2 % per annun.

Forums

- <https://forums.freebsd.org/>
- FreeBSD committers have an @ after their username


Forums

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Forum Statistics









Discussions:	38,390
Messages:	260,567
Members:	26,694
Latest Member:	Stavros

Forums 

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The FreeBSD Forums

The FreeBSD Forums

-  **Forum Rules and Guidelines (REQUIRED READING)**
Discussions: 9 Messages: 20  Latest: Formatting: The Short Form wblock@, Feb 28, 2014
-  **News and Announcements**
Discussions: 703 Messages: 727  Latest: Problem with URLs on the fo... DutchDaemon, Oct 24, 2014
-  **Blogs and Newsfeeds**
Discussions: 40 Messages: 40  Latest: AsiaBSDCon 2015 Upcoming FreeBSD Events, Today at 8:
-  **Feedback**
Discussions: 330 Messages: 3,155  Latest: 2014 Forums Migration To X... fonz, Yesterday at 5:13 PM

Base System

IRC

- <http://www.efnet.org/>
- #bsdcode
- #bsdports
- #bsddocs
- #devsummit (during conferences / summits)

Bugzilla

- PRs - Problem Reports (patches, enhancements)
- <https://bugs.freebsd.org/bugzilla/>
- <https://www.freebsd.org/doc/en/articles/problem-reports/article.html>
- <https://www.freebsd.org/doc/en/articles/pr-guidelines/article.html>
- Create an account to submit reports

FreeBSD Bugzilla - Enter Bug: Base System

Before reporting a bug, please read the [bug writing guidelines](#), please look at the list of [most frequently reported bugs](#), and please [search](#) for the bug.

[Show Advanced Fields](#) (* = Required Field)

* Product:	Base System	Reporter:	emaste@freebsd.org
Component:	<ul style="list-style-type: none">armbinconfgnukernmiscstandards	Component Description:	<input type="text" value="Select a component to read its description."/>
* Version:	<ul style="list-style-type: none">8.4-RELEASE8.4-STABLE9.1-RELEASE9.1-STABLE9.2-RELEASE	Severity:	Affects Only Me
* Summary:	<input type="text"/>		
Description:	<input type="text"/>		
Attachment:	<input type="button" value="Add an attachment"/>		
	<input type="button" value="Submit Bug"/>		

Workflow

- New
- Open
- In Progress
- Closed

Workflow (older)

- New (Needs Triage)
- Open (Open, Approval Needed)
- In Progress (In Discussion, Needs MFC, Patch Ready)
- Closed (Issue Resolved, Timeout)

Subversion Repository

- Official, master source repository
- Three main repos: base, doc, ports
 - Base is src/ and includes kernel and userland
- Read-write for committers
- Read-only public checkouts

Subversion

- <https://www.freebsd.org/doc/handbook/svn.html>
- <https://www.freebsd.org/doc/en/articles/committers-guide/subversion-primer.html>
- <https://svnweb.freebsd.org/>

Subversion Branches

- head - main development branch (= Current)
- stable, releng, release
- projects - work in progress
- user - per FreeBSD committer

/[base]/stable/10

Index of /stable/10



Files shown: 8
Directory revision: [274043](#) (of [274049](#))
Sticky Revision:

File ^	Rev.	Age	Author	Last log entry
Parent Directory				
bin/	272549	4 weeks	rodrigo	MFC r272305 Fix pkill unit test.
cddl/	273765	6 days	markj	MFC r273370 : Correct the calculation of tcps_rto in the struct tcpcb -> tcpsinfo...
contrib/	273815	5 days	pluknet	MFC r261271 : Ressurrect the local change documenting authpf's requirement fo...
crypto/	273149	2 weeks	jkim	MFC: r273144 , r273146 Merge OpenSSL 1.0.1j. Relnotes: yes
etc/	273993	16 hours	hrs	MFC r272974 , 272976 : Add \${name}_env and \${name}_prepend. \${name}_env is an arg...
games/	269933	2 months	gavin	Merge r268637 from head: fortune(8): Search fortune files installed by ports/...
gnu/	271125	8 weeks	ngie	MFC r270216 : Add \${LIBC} to DPADD to fix "make checkdpadd" Phabric: D632 ...
include/	274001	11 hours	rpaulo	MFC 273598 273602 273607 273613 273647: Userland HPET support.
kerberos5/	262254	8 months	peter	MFC r262253 : hack to prevent concurrent runs of asn1_compile in the Heimdal buil...
lib/	273931	2 days	dim	MFC r273837 : Fix a clang 3.5 warning about abs(3) being given an argument of ty...
libexec/	272322	4 weeks	delphij	MFC r271493 , 271688-271689 , 271696 , 271854 , 272139-272143 : Import HyperV Key-Value ...
release/	273698	7 days	gjb	MFC r273653 : Fix a few issues with creating VOLUME_LABEL for the installatio...
rescue/	274013	8 hours	nyan	MFC: r272245 Remove duplicate prog.
sbin/	274008	9 hours	nyan	MFC: r272243 Add missing library dependencies.
secure/	273149	2 weeks	jkim	MFC: r273144 , r273146 Merge OpenSSL 1.0.1j. Relnotes: yes
share/	273996	15 hours	jhb	MFC 273644, 273738 : Clarify that pthread_cleanup_push()/pop() are implemented as ...
sys/	274043	2 hours	hselasky	MFC r271946 and r272595 : Improve transmit sending offload, TSO, algorithm in gen...
tests/	267195	4 months	asomers	MFC changes related to PR kern/189089. Unlike CURRENT, stable/10 does not panic...
tools/	273503	11 days	ngie	MFC r271349 : Add diagnostic printf's and disable test # 4 on i386 Reviewed ...

[/\[base\]/stable/10/UPDATING](#)

Log of /stable/10/UPDATING



[Parent Directory](#) | [Revision Log](#)

Links to HEAD: ([view](#)) ([download](#)) ([annotate](#))

Sticky Revision:

Go to: Page 1: 271298 - 241245

Revision **271298** - ([view](#)) ([download](#)) ([annotate](#)) - [[select for diffs](#)]

Modified *Tue Sep 9 04:00:30 2014 UTC* (8 weeks ago) by *ngie*

File length: 89141 byte(s)

Diff to [previous 271138](#)

MFC [r267176](#), [r267181](#), [r268445](#) (ATF-related commits):

Phabric: <https://reviews.freebsd.org/D706>

Approved by: rpaulo (mentor)

Approved by: re (gjb)

Reviewed by: jmmv

Sponsored by: EMC / Isilon Storage Division

[r267176](#):

Add the *_TESTS_SH_SED_* functionality to atf.test.mk.

This exists already in plain.test.mk and tap.test.mk and should have been added to atf.test.mk too when the feature was first introduced.

(It is probably time to address the related TODOs but I will do that separately.)

[r267181](#):

Move atf-sh from /usr/bin/ to /usr/libexec/

In [r266650](#), we made libatf-c and libatf-c++ private libraries so that no components outside of the source tree could unintentionally depend on them.

This change does the same for the "atf-sh library" by moving the atf-sh

Line	Author	Revision	Text
1	imp	42649	Updating Information for FreeBSD current users
2	imp	41806	
3	imp	196789	This file is maintained and copyrighted by M. Warner Losh <imp@freebsd.org>.
4			See end of file for further details. For commonly done items, please see the
5			COMMON ITEMS: section later in the file. These instructions assume that you
6			basically know what you are doing. If not, then please consult the FreeBSD
7	rwatson	243800	handbook:
8	imp	42649	
9	rwatson	243800	http://www.freebsd.org/doc/en_US.ISO8859-1/books/handbook/makeworld.html
10			
11	imp	132841	Items affecting the ports and packages system can be found in
12	imp	196789	/usr/ports/UPDATING. Please read that file before running portupgrade.
13	imp	132841	
14	imp	249665	NOTE: FreeBSD has switched from gcc to clang. If you have trouble bootstrapping
15	imp	249735	from older versions of FreeBSD, try WITHOUT_CLANG to bootstrap to the tip of
16	gjb	256283	stable/10, and then rebuild without this option. The bootstrap process from
17	imp	249714	older version of current is a bit fragile.
18	imp	249665	
19	emaste	271138	20140904:
20			The ofwfb driver, used to provide a graphics console on PowerPC when
21			using vt(4), no longer allows mmap() of all of physical memory. This
22			will prevent Xorg on PowerPC with some ATI graphics cards from
23			initializing properly unless x11-servers/xorg-server is updated to
24			1.12.4_8 or newer.
25			
26	ngie	270905	20140831:
27			The libatf-c and libatf-c++ major versions were downgraded to 0 and
28			1 respectively to match the upstream numbers. They were out of
29			sync because, when they were originally added to FreeBSD, the
30			upstream versions were not respected. These libraries are private
31			and not yet built by default , so renumbering them should be a
32			non-issue. However, unclean source trees will yield broken test
33			programs once the operator executes "make delete-old-libs" after a
34			"make installworld".
35			
36	ngie	271298	Additionally, the atf-sh binary was made private by moving it into

Perforce Mirror

- <https://www.freebsd.org/doc/en/articles/p4-primer/>
- <https://p4web.freebsd.org/>
- FreeBSD committers only today

P4Web Server: performance.freebsd.org:1666 Client: p4web
viewer mode Path: //depot/projects/trustedbsd/

Files Submitted Branches Labels Clients Users Jobs Settings

Actions

Depot Tree:

File Filter (Files in current path or opened in subfolders)

Files in current path Include deleted files

File pattern: search subfolders for pattern Include only files in client view

- //depot/projects/trustedbsd/...
- acl/
- acl_nfsv4/
- amt/
- audit/
- audit2/
- audit3/
- audit_mac/
- audit_merge/
- base/
- bsmtrace/
- cap/
- capabilities/
- doc/
- dsep/
- mac/
- mac2/
- misc/
- netauditd/
- objlabel/
- openbsm/
- priv/
- priv6/
- sebsd/
- sebsd2/
- sebsd_policy/

Git Mirror

- <https://wiki.freebsd.org/GitWorkflow>
- <https://github.com/freebsd/freebsd>

FreeBSD src tree <http://www.FreeBSD.org/>

🕒 203,930 commits

🌿 446 branches

🏷️ 0 releases

👤 149 contributors

🔄 branch: master freebsd / +

Fix misplaced read memory barrier in seq. ...		
mjguzik authored an hour ago latest commit 8969e77555		
bin	sh: Fix corruption of CTL* bytes in positional parameters in redirect...	3 days ago
cddl	Correct the calculation of tcps_rto in the struct tcpcb -> tcpsinfo_t	13 days ago
contrib	Port h_hash and t_sha2 to FreeBSD	2 days ago
crypto	Merge OpenSSL 1.0.1j.	19 days ago
etc	Integrate pjdfstest test suite execution into kyua	7 hours ago
games	Update factor for changes to types in primes, which is a dependency.	a month ago
gnu	Build gperf only if we're using g++ (not clang++)	25 days ago
include	Fix the build by installing acpi_hpet.h correctly.	10 days ago
kerberos5	Fix incremental builds involving non-root users with read-only source...	2 months ago
lib	Add pkg-config file for libarchive	a day ago
libexec	MFV: Import atf-0.21.	2 days ago
release	Updates to the list of CPUs supported by the amd64 platform	2 days ago

Code

Pull Requests 7

Pulse

Graphs

HTTPS clone URL

<https://github.com>

You can clone with [HTTPS](#) or [Subversion](#).

Clone in Desktop

Download ZIP

Git

- SVN branches mirrored (head, stable, releng, user, projects)
- Separate svn2git and git-svn branches

Phabricator Code Review

- <https://wiki.freebsd.org/CodeReview>
- <https://reviews.freebsd.org/>
- Guest accounts coming soon

Query: Active Revisions

https://reviews.freebsd.org/differential/

PHABRICATOR

Search

Query: Active Revisions [Create Diff](#)

Showing results for query "Active Revisions". [Edit Query...](#)

Blocking Others

D517 loader: implement multiboot support for Xen Dom0	Fri, Oct 31, 5:43 PM
Reviewers: emaste, jhb, kostikbel	Author: royger
D687 vt(4): Add support to "downgrade" from eg. vt_fb to vt_vga	Aug 26 2014, 10:33 AM
Reviewers: emaste, ray	Author: dumbbell
D1004 vt(4): Use power_{suspend,resume} event handlers to implement suspend/resume	Fri, Oct 31, 2:43 PM
Reviewers: nwhitehorn, ray, emaste, avg	Author: dumbbell
D1027 In preparation for switching linuxulator to the use the native 1:1 threads introduce linux_exit() stub instead of sys_exit() call (which termin	Thu, Oct 30, 5:44 PM
Reviewers: lemulo	Author: dchagin
D1028 In preparation for switching linuxulator to the use the native 1:1 threads split sys_thr_exit() up into sys_thr_exit() and kern_thr_exit(). Wher	Thu, Oct 30, 5:50 PM
Reviewers: lemulo	Author: dchagin
D1029 In preparation for switching linuxulator to the use the native 1:1 threads introduce kern_thr_alloc() which will be used later in the linux_clc	Thu, Oct 30, 5:55 PM
Reviewers: lemulo	Author: dchagin
D1032 In preparation for switching linuxulator to the use the native 1:1 threads refactor kern_sched_rr_get_interval() and sys_sched_rr_get_inter	Fri, Oct 31, 6:52 AM
Reviewers: lemulo	Author: dchagin
D1033 In preparation for switching linuxulator to the use the native 1:1 threads use MI linux_sched_rr_get_interval() in i386	Fri, Oct 31, 6:53 AM
Reviewers: lemulo	Author: dchagin
D1034 In preparation for switching linuxulator to the use the native 1:1 threads split sys_sched_getparam(), sys_sched_setparam(), sys_sched_g	Fri, Oct 31, 6:53 AM
Reviewers: lemulo	Author: dchagin

FreeBSD src repository

https://reviews.freebsd.org/diffusion/S/

PHABRICATOR

FreeBSD src repository

FreeBSD src repository

Active Public

Callsign S

Checkout

Edit Repository

Flag For Later

Recent Commits View Full History

Browse	Commit	Revision	Change	Date	Time	Author/Committer	Details
Browse	rS274049		Contents Modified	Mon, Nov 3	2:35 PM	dumbbell	drm: When reading connector mode tunables, list connectors
Browse	rS274048		Contents Modified	Mon, Nov 3	1:14 PM	mjb	Fix misplaced read memory barrier in seq.
Browse	rS274047		Contents Modified	Mon, Nov 3	1:02 PM	hselasky	Clarify TSO segment limit comment and remove two TABs to make lines a
Browse	rS274046		Contents Modified	Mon, Nov 3	1:01 PM	hselasky	Restore spares used in "struct tcpcb" and bump "__FreeBSD_version" to
Browse	rS274045		Contents Modified	Mon, Nov 3	12:55 PM	tychon	If the start bit, PxCMD.ST, is cleared and nothing is in-flight then
Browse	rS274044		Contents Modified	Mon, Nov 3	12:38 PM	hselasky	MFC r271946 and r272595:
Browse	rS274043		Contents Modified	Mon, Nov 3	12:38 PM	hselasky	MFC r271946 and r272595:
Browse	rS274042		Contents Modified	Mon, Nov 3	12:07 PM	nyan	MFC: r268474 and r268476 (by imp)
Browse	rS274041		Contents Modified	Mon, Nov 3	11:58 AM	nyan	MFC: r268475 (by imp)
Browse	rS274040		Contents Modified	Mon, Nov 3	11:49 AM	kib	agp_intel.c provides support for AGP on Intel chipsets from 440/BX to
Browse	rS274039		Contents Modified	Mon, Nov 3	11:43 AM	nyan	MFC: r272258 (partial)
Browse	rS274038		Contents Modified	Mon, Nov 3	11:29 AM	kib	Clean up confusing comment. Move it to the place of code which is
Browse	rS274037		Contents Modified	Mon, Nov 3	11:21 AM	nyan	MFC: r272258
Browse	rS274036		Contents Modified	Mon, Nov 3	11:15 AM	trasz	s/icl_pdu_new_bhs/icl_pdu_new/; no functional changes, just a little
Browse	rS274035		Contents Modified	Mon, Nov 3	11:11 AM	bapt	Remove check for obsolete FreeBSD versions

Browser tabs: D687 vt(4): Add support x

Address bar: <https://reviews.freebsd.org/D687>

PHABRICATOR

Search

D687 Create Diff

vt(4): Add support to "downgrade" from eg. vt_fb to vt_vga

Needs Review Public

Author dumbbell

Reviewers emaste
 ray

Repository rS (FreeBSD src repository)

Lint	★	No Linters Available
Unit	★	No Unit Test Coverage

Branch /head

Apply Patch arc patch D687

Arcanist Project S

Subscribers None

Press ? to show keyboard shortcuts. ?

- Edit Revision
- Edit Dependencies
- Edit Maniphest Tasks
- Download Raw Diff
- Flag For Later
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SUMMARY

The main purpose is to be able to unload a KMS driver. It's at least useful to me while working on the DRM stack, because it saves me a reboot :)

The patch introduces a new vt_driver callback, vd_reset_t, which is called after the old driver is stopped (old = fbd) and before the new driver is initialized (new = vt_vga). The callback is really implemented in drm_fb_helper.c where vga_pci_repost() is called (a new public function in vga_pci) to restore the VGA state.

Currently, the DRM code in HEAD seems to turn off the screen during shutdown, and re-POSTing the card isn't enough to turn it back on. The problem doesn't occur with my DRM 3.8 development branch (the console comes back with vt_vga and everything works).

TEST PLAN

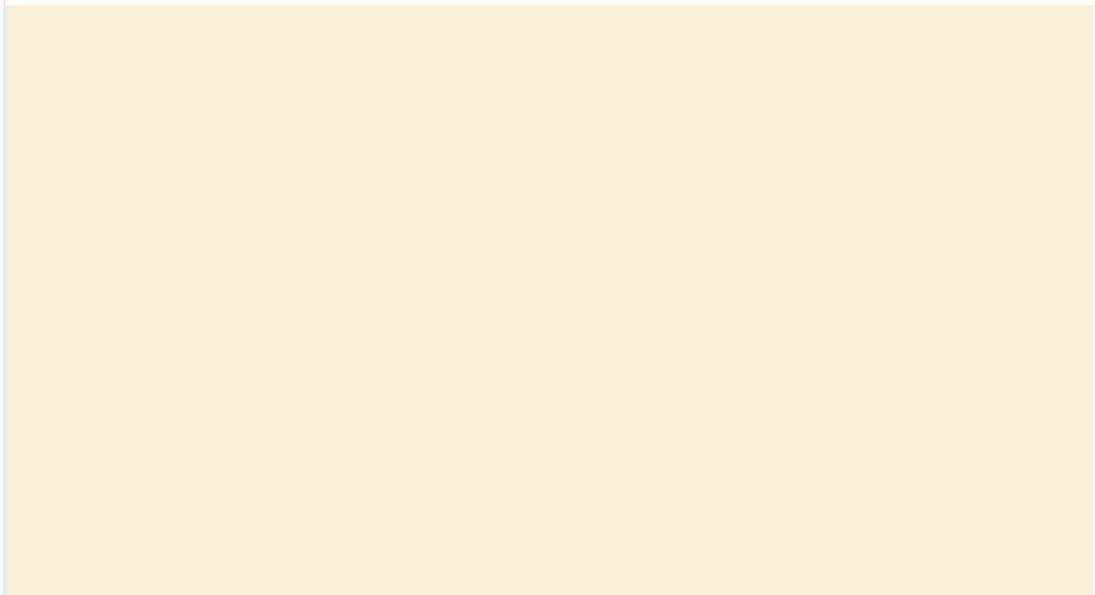
kldload radeonkms
kldunload radeonkms

1. The console should still work

This can't be tested with i915kms which doesn't support unloading.

Show First 20 Lines • Show All 63 Lines • Show 20 Lines

```
64 struct vt_kms_softc *sc;
65
66 sc = (struct vt_kms_softc *)arg;
67 taskqueue_enqueue_fast(taskqueue_thread, &sc->fb_mode_task);
68
69 return (0);
70 }
71
```



```
63 {
64 struct vt_kms_softc *sc;
65
66 sc = (struct vt_kms_softc *)arg;
67 taskqueue_enqueue_fast(taskqueue_thread, &sc->fb_mode_task);
68
69 return (0);
70 }
```

```
72 static int
73 vt_kms_reset(void *arg)
```

New Inline Comment

B I T

This name does not seem to match the function.

Cancel Ready

```
74 {
75 struct vt_kms_softc *sc;
76 device_t vga;
77 int ret;
78
79 sc = (struct vt_kms_softc *)arg;
80
81 vga = device_get_parent(sc->fb_helper->dev->device);
82 ret = vga_pci_repost(vga);
83
84 return (ret);
85 }
86
```

<https://reviews.freebsd.org/D687>
view Options

sys/dev/arm2/arm_fb_helper.c

Show First 20 Lines · Show All 63 Lines · Show 20 Lines

<pre> 64 struct vt_kms_softc *sc; 65 66 sc = (struct vt_kms_softc *)arg; 67 taskqueue_enqueue_fast(taskqueue_thread, &sc->fb_mode_task); 68 69 return (0); 70 } 71 72 static DRM_LIST_HEAD(kernel_fb_helper_list); 73 74 /* simple single crtc case helper function */ 75 int drm_fb_helper_single_add_all_connectors(struct drm_fb_helper *fb_helper) 76 { 77 struct drm_device *dev = fb_helper->dev; 78 struct drm_connector *connector; 79 </pre>	<pre> 63 { 64 struct vt_kms_softc *sc; 65 66 sc = (struct vt_kms_softc *)arg; 67 taskqueue_enqueue_fast(taskqueue_thread, &sc->fb_mode_task); 68 69 return (0); 70 } 71 72 static int 73 vt_kms_reset(void *arg) </pre>
<p>emaste Lines 72-73 Not Submitted Yet · Previous · Next · Edit · Delete</p> <p>This name does not seem to match the function.</p>	
<pre> 74 75 76 77 78 79 80 81 82 83 84 85 86 87 static DRM_LIST_HEAD(kernel_fb_helper_list); 88 89 /* simple single crtc case helper function */ 90 int drm_fb_helper_single_add_all_connectors(struct drm_fb_helper *fb_helper) 91 { 92 struct drm_device *dev = fb_helper->dev; 93 struct drm_connector *connector; 94 </pre>	<pre> 74 { 75 struct vt_kms_softc *sc; 76 device_t vga; 77 int ret; 78 79 sc = (struct vt_kms_softc *)arg; 80 81 vga = device_get_parent(sc->fb_helper->dev->device); 82 ret = vga_pci_repost(vga); 83 84 return (ret); 85 } 86 87 static DRM_LIST_HEAD(kernel_fb_helper_list); 88 89 /* simple single crtc case helper function */ 90 int drm_fb_helper_single_add_all_connectors(struct drm_fb_helper *fb_helper) 91 { 92 struct drm_device *dev = fb_helper->dev; 93 struct drm_connector *connector; 94 </pre>
<p>Show 20 Lines · Show All 939 Lines · Show 20 Lines</p>	
<pre> 1019 </pre>	<pre> 943 { 1034 </pre>

```
131 fb_leave_t *leave;
132
133 intptr_t fb_pbase; /* For FB mmap. */
134 intptr_t fb_vbase; /* if NULL, use fb_write/fb_read. */
135 void *fb_priv; /* First argument for read/write. */
136 const char *fb_name;
137 uint32_t fb_flags;
138 int fb_stride;
139 int fb_bpp; /* bits per pixel */
134 fb_leave_t *leave;
135 fb_reset_t *reset;
136
137 intptr_t fb_pbase; /* For FB mmap. */
138 intptr_t fb_vbase; /* if NULL, use fb_write/fb_read. */
139 void *fb_priv; /* First argument for read/write. */
140 const char *fb_name;
141 uint32_t fb_flags;
142 int fb_stride;
143 int fb_bpp; /* bits per pixel */
```

Show 20 Lines • Show All 479 Lines • Show Last 20 Lines

Add Comment

Action

Comment **B I T**

Submit

emaste added a comment.

PREVIEW

emaste Lines 72-73 Not Submitted Yet · View · Delete
This name does not seem to match the function.

Sending diffs

- `pkg install arcanist`
- `svn`: `arc diff` sends uncommitted changes in the working directory
- `git`, `mercurial`: `arc diff` sends all commits in a range
 - `arc diff origin/master`
 - `arc diff HEAD^`
- `manual diff -U99999`