

Calculate Linux - Bug # 706: config kernel for Docker

Status:	New	Priority:	High
Author:	Victor Guardiola	Category:	
Created:	12/03/2014	Assignee:	
Updated:	05/23/2015	Due date:	
Subject:	config kernel for Docker		
Description:	<p>If I try to install docker (app-emulation/docker) I need the next kernel params</p> <ul style="list-style-type: none">* Checking for suitable kernel configuration options...* CONFIG_DEVPTS_MULTIPLE_INSTANCES: is not set when it should be.* CONFIG_CGROUP_DEVICE: is not set when it should be.* CONFIG_CGROUP_FREEZER: is not set when it should be.* CONFIG_MACVLAN: is not set when it should be.* CONFIG_VETH: is not set when it should be.* CONFIG_CGROUP_PERF: is optional for container statistics gathering <p>Can you activate it in the next kernel version, pls?</p>		

History

12/03/2014 09:45 am - ĐiĐµÑ€Đ³ĐµĐ¹ Đ¤ĐµĐ'Đ¾Ñ,Đ¾Đ²

Hi!

This system is about templates and automation. Just create needed templates like this and re-emerge calculate-sources:

```
*/var/calculate/templates/6_ac_install_patch/sys-kernel/calculate-sources/3.14/libvirt:  
<pre>  
# Calculate name=.config format=openrc  
CONFIG_DM_MULTIPATH=m  
CONFIG_MACVLAN=m  
CONFIG_MACVTAP=m  
CONFIG_BRIDGE_NF_EBTABLES=m  
CONFIG_BRIDGE_EBT_MARK_T=m  
CONFIG_BRIDGE_EBT_T_NAT=m  
CONFIG_BLK_DEV_NBD=m  
</pre>  
*/var/calculate/templates/6_ac_install_patch/sys-kernel/calculate-sources/3.14/.calculate_directory:  
<pre>  
# Calculate append=skip merge(sys-kernel/calculate-sources)>=3.14  
</pre>  
*/var/calculate/templates/6_ac_install_patch/sys-kernel/calculate-sources/.calculate_directory:  
<pre>  
# Calculate append=skip merge()!=  
</pre>  
*/var/calculate/templates/6_ac_install_patch/sys-kernel/.calculate_directory:  
<pre>  
# Calculate append=skip  
</pre>  
*/var/calculate/templates/6_ac_install_patch/.calculate_directory:  
<pre>  
# Calculate append=skip env=install cl_ver>=3.1.4&&ac_install_patch==on  
</pre>  
*/var/calculate/templates/.calculate_directory:  

```

```
<pre>
# Calculate append=skip cl_name==calculate-core&&cl_ver>=3.1.1
</pre>
```

12/04/2014 01:12 am - Victor Guardiola

thanks I try it

01/24/2015 05:24 pm - Victor Guardiola

Sorry, I try It, but don't work

I put the files here /var/calculate/templates/6_ac_install_patch:

```
/var/calculate/templates/6_ac_install_patch
â""â"€ sys-kernel
â""â"€ calculate-sources
â""â"€a"€ 3.18
â""â"€a"€ libvirt
```

I modify the file /var/lib/layman/calculate/profiles/templates/3.3/6_ac_install_patch/sys-kernel/calculate-sources/3.18/0_config-x86_64

And I rebuild the kernel with or without the USE param build:

```
$ USE="build" emerge -vaq sys-kernel/calculate-sources
```

```
$ emerge -vaq sys-kernel/calculate-sources
```

Some idea or is possible to add this options to default calculate kernel, now Docker is a very important tool.

Thanks

03/30/2015 10:32 pm - Đ•Đ»ĐµĐ°Ñ•Đ°Đ½Đ'Ñ€ Đ“Ñ€Đ°Ñ„Đ¾Đ²

I also followed instructions above for kernel 3.18 but got same error with updated kernel. And I think options for virtualization used by docker will be useful in the default kernel config for @calculate@.

05/23/2015 12:24 pm - Victor Guardiola

Some news guys?