

## Kerbal Space Program - Bug #5221

### Changing symmetry mode in VAB causes crash to desktop

07/08/2015 07:00 PM - chaoticweg

<b>Status:</b> Duplicate	<b>Start date:</b> 07/08/2015
<b>Severity:</b> Low	<b>% Done:</b> 100%
<b>Assignee:</b>	
<b>Category:</b> Gameplay	
<b>Target version:</b>	
<b>Version:</b> 1.0.4	<b>Language:</b> English (US)
<b>Platform:</b> Linux	<b>Mod Related:</b> No
<b>Expansion:</b>	

#### Description

**KSP Version:** 1.0.4 *32-bit*

**Operating System:** Ubuntu 14.04 *64-bit*

**Description:** Changing symmetry mode in VAB causes crash to desktop

**Mods/Addons:** fully stock

#### Steps to reproduce:

1. Place the attached .craft file into (KSP folder)/saves/(save folder)/Ships/VAB
2. Open the attached .craft in the VAB
3. Pick up a 2.5m nose cone from the Aerodynamics tab
4. Hover the nose cone over the attach node on top of the exposed fuel tanks, but do not place it
5. Press X (or symmetry-change button, if remapped) to change the symmetry mode

**Result:** the game silently crashes to the desktop

This bug was found on my original, modded install, but has been reproduced twice on fully-stock installs.

The craft file that I have had the most luck reproducing the bug with (100% repro. rate) is attached, as well as the Player.log from the Unity3d config directory and the KSP.log from the KSP root directory.

#### Related issues:

Related to Kerbal Space Program - Bug #1005: Linux version crashes in VAB at ...

**Closed**

**07/14/2013**

#### History

##### #1 - 07/08/2015 07:54 PM - Squelch

- Status changed from New to Need More Info

Please could you retry your steps but without Steam Overlay? KSP can be run Steam free by navigating to the installation folder and running the KSP.x86\_64 executable directly.

Steam Overlay is a 32 bit process that does not work well together with 64bit games and is known for problems. It can be disabled, but running KSP directly will remove all other variables. Logs and further information are welcomed.

##### #2 - 10/19/2015 03:39 PM - yankee

Squelch wrote:

Please could you retry your steps but without Steam Overlay?

I am also having this exact issue, and it persists even with Steam overlay disabled.

Going strictly by chronological order, bugs [#1005](#) and [#1182](#) are duplicates of this bug, yet the discussion has progressed more in those threads.

Here's the output of dmesg from starting KSP until crash. Timestamp beginning at [31969.580043] is when the game crashes. There does not appear to be any information regarding the cause of the crash, and I forgot how to turn up the verbosity for dmesg.

```
[31511.814912] bbswitch: enabling discrete graphics
```

```
[31512.068435] thinkpad_acpi: EC reports that Thermal Table has changed
```

```
[31512.083138] vgaarb: device changed decodes: PCI:0000:01:00.0,olddecodes=none,decodes=none:owns=none
```

[31512.083609] [drm] Initialized nvidia-drm 0.0.0 20150116 for 0000:01:00.0 on minor 1  
 [31512.083616] NVRM: loading NVIDIA UNIX x86\_64 Kernel Module 340.93 Wed Aug 19 16:49:15 PDT 2015  
 [31512.110088] ACPI Warning: \\_SB\_.PCI0.PEG\_.VID\_.DSM: Argument #4 type mismatch - Found [Buffer], ACPI requires [Package] (20150619/nsarguments-95)  
 [31512.110205] ACPI Warning: \\_SB\_.PCI0.PEG\_.VID\_.DSM: Argument #4 type mismatch - Found [Buffer], ACPI requires [Package] (20150619/nsarguments-95)  
 [31512.110289] ACPI Warning: \\_SB\_.PCI0.PEG\_.VID\_.DSM: Argument #4 type mismatch - Found [Buffer], ACPI requires [Package] (20150619/nsarguments-95)  
 [31512.110371] ACPI Warning: \\_SB\_.PCI0.PEG\_.VID\_.DSM: Argument #4 type mismatch - Found [Buffer], ACPI requires [Package] (20150619/nsarguments-95)  
 [31512.110451] ACPI Warning: \\_SB\_.PCI0.PEG\_.VID\_.DSM: Argument #4 type mismatch - Found [Buffer], ACPI requires [Package] (20150619/nsarguments-95)  
 [31512.110531] ACPI Warning: \\_SB\_.PCI0.PEG\_.VID\_.DSM: Argument #4 type mismatch - Found [Buffer], ACPI requires [Package] (20150619/nsarguments-95)  
 [31512.110887] ACPI Warning: \\_SB\_.PCI0.PEG\_.VID\_.DSM: Argument #4 type mismatch - Found [Buffer], ACPI requires [Package] (20150619/nsarguments-95)  
 [31512.110968] ACPI Warning: \\_SB\_.PCI0.PEG\_.VID\_.DSM: Argument #4 type mismatch - Found [Buffer], ACPI requires [Package] (20150619/nsarguments-95)  
 [31512.158380] ACPI Error: Field [TBF3] at 278528 exceeds Buffer [NULL] size 262144 (bits) (20150619/dsopcode-236)  
 [31512.158386] ACPI Error: Method parse/execution failed [\\_SB\_.PCI0.PEG\_.VID\_.GETB] (Node ffff880235cac0e0), AE\_AML\_BUFFER\_LIMIT (20150619/psparse-536)  
 [31512.158392] ACPI Error: Method parse/execution failed [\\_SB\_.PCI0.PEG\_.VID\_.ROM] (Node ffff880235cac108), AE\_AML\_BUFFER\_LIMIT (20150619/psparse-536)  
 [31512.211003] ACPI Warning: \\_SB\_.PCI0.PEG\_.VID\_.DSM: Argument #4 type mismatch - Found [Buffer], ACPI requires [Package] (20150619/nsarguments-95)  
 [31512.623421] thinkpad\_acpi: asked for hotkey mask 0x0070ffbf, but firmware forced it to 0x0070ffbb  
 [31969.580043] [drm] Module unloaded  
 [31969.599801] bbswitch: disabling discrete graphics  
 [31969.599811] ACPI Warning: \\_SB\_.PCI0.PEG\_.VID\_.DSM: Argument #4 type mismatch - Found [Buffer], ACPI requires [Package] (20150619/nsarguments-95)  
 [31969.614433] pci 0000:01:00.0: Refused to change power state, currently in D0  
 [31969.615054] thinkpad\_acpi: EC reports that Thermal Table has changed

**#3 - 11/20/2015 01:10 PM - sal\_vager**

- Related to Bug #1005: Linux version crashes in VAB at certain times when using symmetry added

**#4 - 11/20/2015 01:12 PM - sal\_vager**

- Status changed from Need More Info to Duplicate

- % Done changed from 0 to 100

Duplicate of [#1005](#)

**Files**

File Name	Size	Date	Owner
rescue.craft	92.6 KB	07/08/2015	chaoticweg
Player.log	612 KB	07/08/2015	chaoticweg
KSP.log	221 KB	07/08/2015	chaoticweg