

Kerbal Space Program - Bug #25764

UpgradePipeline Not Reading Newest File Version?

07/12/2020 07:42 PM - DRVeyl

Status:	New	Start date:	07/12/2020
Severity:	Low	% Done:	0%
Assignee:			
Category:	File System		
Target version:			
Version:	1.10.0	Language:	English (US)
Platform:	Linux	Mod Related:	Yes
Expansion:	Core Game		

Description

Implementing an `UpgradeScript` for .craft files. The script updates some PartModule ConfigNodes and deletes others. Appears to work correctly in a Windows environment, but in a Linux environment the changes are written to the .craft file but not applied during the craft load when the UpgradeScript runs. The ConfigNode passed to the PartModule's OnLoad(ConfigNode node) method is from before the UpgradeScript's changes were applied.

Immediately loading the .craft file again resolves the issue -- assuming a player does not save the craft in the un-updated state.

Log excerpt, showing OS and KSP version, triggers for the Upgrade Pipeline, debug statement of the resulting ConfigNode after upgrading, and debug statement of the ConfigNode as seen by the PartModule's OnLoad method. Full log and example craft files attached.

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[LOG 18:42:07.354] *** Log Initiated for Kerbal Space Program - 1.10.0.2917 (LinuxPlayer) en-us ***
Kerbal Space Program - 1.10.0.2917 (LinuxPlayer) en-us

OS: Linux 5.4 Linuxmint 20 64bit

...

[LOG 18:44:48.952] [PF] UpgradePipeline OnTest() context Craft for KzInterstageAdapter2_4294542018. Upgrade requested: Upgradeable

[LOG 18:44:48.952] [PF] UpgradePipeline OnTest() context Craft for KzProcFairingSide2_4294543114. Upgrade requested: Pass

[LOG 18:44:48.952] [PF] UpgradePipeline OnTest() context Craft for KzResizableFairingBase_4294544232. Upgrade requested: Upgradeable

...

[LOG 18:44:48.958] [PF] Updated ProceduralFairingBase with Adapter data to MODULE

```
{
  name = ProceduralFairingBase
  isEnabled = True
  extraRadius = 0
  autoStrutSides = True
  autoShape = True
  manualMaxSize = 1.14999998
  manualCylStart = 0
  manualCylEnd = 2
  stagingEnabled = True
  baseSize = 1.25
  topSize = 1.25
  height = 2
  extraHeight = 0
  autoDecoupleTopNode = False
  mode = Adapter
  EVENTS
  {
  }
  ACTIONS
```

```
{
}
UPGRADESAPPLIED
{
}
}

...

[ERR 18:44:49.033] [PF] OnLoad did not find mode param, requesting legacy load. ConfigNode= MODUL
E
{
    name = ProceduralFairingBase
    isEnabled = True
    extraRadius = 0
    autoStrutSides = True
    autoShape = True
    manualMaxSize = 1.14999998
    manualCylStart = 0
    manualCylEnd = 2
    stagingEnabled = True
    EVENTS
    {
    }
    ACTIONS
    {
    }
    UPGRADESAPPLIED
    {
    }
}
```

History

#1 - 07/12/2020 07:43 PM - DRVeyl

- File KSP.zip added

Files

Untitled_Space_Craft.craft (1).original	27.6 KB	07/12/2020	DRVeyl
Untitled_Space_Craft (1).craft	27.4 KB	07/12/2020	DRVeyl
KSP.zip	55.7 KB	07/12/2020	DRVeyl