Kerbal Space Program - Feedback #16089

PartModule does not save UPGRADESAPPLIED during .OnSave .

10/08/2017 04:26 AM - Rodhern

Status:	Closed		
Severity:	Low		
Assignee:			
Category:	Plugins/Add-Ons		
Target version:			
Version:	1.3.1	**Language:**	English (US)
Platform:	Windows	**Mod Related:**	No
Expansion:			

Description

I have a class called "HeavyHelixSampleStorage" that inherits PartModule. My class has a KSPField named "MyValue". During .OnSave I call the inherited .OnSave from PartModule. The inherited .OnSave adds 'name', 'isEnabled', 'MyValue', 'stagingEnabled', 'EVENTS' and 'ACTIONS' to the ConfigNode, but it does not add 'UPGRADESAPPLIED'.

The 'UPGRADESAPPLIED' subnode *is* added later, but it seems weird that it behaves differently from the other ConfigNode content.

History

#1 - 10/11/2017 09:07 AM - Rodhern

JPLRepo has answered on the forum (
https://forum.kerbalspaceprogram.com/index.php?/topic/166271-part-confignode-persistence-of-upgradesapplied/&do=findComment&comment=3191878).

Turns out that there are some technical aspects of the upgrade system that necessitate that 'UPGRADESAPPLIED' nodes are added at a later stage than when PartModule.OnSave execute.

#2 - 10/11/2017 09:34 AM - Squelch

- Status changed from New to Updated

UPGRADESAPPLIED is a flag that signifies that the part has had the defined confignodes saved for that part. My understanding is that this flag is only set on a save after the confignodes have been loaded, not at the time they are written. I hope this answers your question?

Please refer to the API documentation for PartModule for further information.

#3 - 10/11/2017 09:34 AM - Squelch

Seems we crossed. Thanks for the update.

#4 - 10/14/2017 10:02 AM - Squelch

- Status changed from Updated to Closed

I believe a solution has been offered on the forums for this feedback, and the matter can be closed.