Folder notes

Code

Docs

Overview

Horizon

1. Error bugging out when trying to look at GS 3, null response can’t switch into a bool so it just stops.

fix: create logic for null response to somehow just iterate the next step / pick different target

2. Need to have different event for looking at GS’s (because of patch antenna on side of SC)

use eosensor logic check for IMAGING and use as DOWNLINK logic for ADCS

3. Only have GS locations as targets, other time is ONLY for data take @ nadir pointing

‘target’ is always at [0,0,0] for imaging

4.

SimulationInput.xml is time input

changing gs targets to 10 value from -1 for I guess what is weight of importantce?

IronPython.Runtime.UnboundNameException occurred

HResult=0x80131500

Message=global name '\_task' is not defined

Source=IronPython

StackTrace:

at IronPython.Runtime.Operations.PythonOps.GetVariable(CodeContext context, String name, Boolean isGlobal, Boolean lightThrow)

at IronPython.Runtime.FunctionCaller`3.Call3(CallSite site, CodeContext context, Object func, T0 arg0, T1 arg1, T2 arg2)

at System.Dynamic.UpdateDelegates.UpdateAndExecute3[T0,T1,T2,TRet](CallSite site, T0 arg0, T1 arg1, T2 arg2)

at HSFSubsystem.ScriptedSubsystem.CanPerform(Event proposedEvent, Universe environment) in C:\Users\Evan\_SSD\Documents\Dropbox\Thesis\Code\june\HSFSystem\ScriptedSubsystem.cs:line 99

at HSFSubsystem.ScriptedSubsystem.CanPerform(Event proposedEvent, Universe environment) in C:\Users\Evan\_SSD\Documents\Dropbox\Thesis\Code\june\HSFSystem\ScriptedSubsystem.cs:line 90

at HSFSubsystem.ScriptedSubsystem.CanPerform(Event proposedEvent, Universe environment) in C:\Users\Evan\_SSD\Documents\Dropbox\Thesis\Code\june\HSFSystem\ScriptedSubsystem.cs:line 90

at HSFScheduler.Checker.checkSub(Subsystem subsystem, SystemSchedule proposedSchedule, Universe environment) in C:\Users\Evan\_SSD\Documents\Dropbox\Thesis\Code\june\HSFScheduler\Checker.cs:line 66

at HSFScheduler.Checker.CheckSchedule(SystemClass system, SystemSchedule proposedSchedule) in C:\Users\Evan\_SSD\Documents\Dropbox\Thesis\Code\june\HSFScheduler\Checker.cs:line 32

at HSFScheduler.Scheduler.GenerateSchedules(SystemClass system, Stack`1 tasks, SystemState initialStateList) in C:\Users\Evan\_SSD\Documents\Dropbox\Thesis\Code\june\HSFScheduler\Scheduler.cs:line 160

at Horizon.Program.Main(String[] args) in C:\Users\Evan\_SSD\Documents\Dropbox\Thesis\Code\june\Horizon\Program.cs:line 212

IronPython.Runtime.UnboundNameException

HResult=0x80131500

Message=global name '\_task' is not defined

Source=<Cannot evaluate the exception source>

StackTrace:

<Cannot evaluate the exception stack trace>