

## Issue #265: grid based mechanics

### Description

The current coding of grid based mechanics means that any changes to UPGRID inputs result in changes to the mechanics code. This is not ideal. Any commands needed in upgrid that are called from within the mechanics code should be independent functions called from the mechanics code and upgrid.

### Solution

Steven, from the description, I have no idea what causes you trouble. Anyhow, I will be gone for a couple of weeks and might

**Status: accepted, Assigned\_to: jhchung, rohrle, vijay**

### Issuedata

Classification: Idea , Program: cm , Categories: CellML ,  
Importance: Low , Solution: Steven, from the description, I have  
no idea what causes you trouble. Anyhow, I will be gone for a couple of weeks  
and might have a look at it after I get back.

### Progress

Deadline: 2007/08/31 11:22:05.364 GMT+12 , Percent done: 0

### Contact

Name: steve Niederer , E-Mail: s.niederer@auckland.ac.nz

### Transcript

#### #1 Accept 2007-07-02 11:25 (snie007)

Changed: status: "pending" -> "accepted"  
Changed: assignees: "[]" -> "['jhchung', 'rohrle', 'vijay']"  
Changed: categories: "()" -> "['CellML', '']"  
Changed: importance: "medium" -> "low"  
Changed: title: "" -> "grid based mechanics"  
Changed: classification: "Feature" -> "Idea"  
Changed: description: "" -> "The current coding of grid based mechanics  
means that any changes to UPGRID inputs result in changes to the mechanics code.  
This is not ideal. Any commands needed in upgrid that are called from within the  
mechanics code should be independent functions called from the mechanics code  
and upgrid. "

#### #2 Accept 2007-07-06 15:37 (rohrle)

Changed: categories: "('CellML',)" -> "['CellML', '']"  
Changed: solution: "" -> "Steven, from the description, I have no idea  
what causes you trouble. Anyhow, I will be gone for a couple of weeks and might  
have a look at it after I get back."