

Physiolibrary - Task #189

Napsat a odladit Meurs model hemodynamiky ve Physiolibrary

17 February 2014 19:26 - Tomáš Kulháněk

Status:	New	Start date:	17 February 2014
Priority:	Normal	Due date:	
Assignee:	Tomáš Kulháněk	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Description			
Napsat a odladit Meurs model hemodynamiky ve Physiolibrary			

History

#1 - 17 February 2014 19:35 - Tomáš Kulháněk

Základ odladěno, chyby objeveny v

- hydraulic inertance, nová jednotka mmHg.s²/ml

```
defineUnitConversion("Pa.s2/m3", "mmHg.s2/ml", (1/133.322387415)*(1e-6));
```

- hydraulic resistance, nová jednotka mmHg.s/ml

```
defineUnitConversion("(Pa.s)/m3", "(mmHg.s)/ml", (1e-6)/(133.322387415)); //hydraulic resistance
```

- některé iniciální hodnoty orig. modelu jsou v modelu, ne v komponentách, opraveno

```
Parts.SystemicVeins systemicVeins(ExtrathoracicVeins(  
    V0=1760), IntrathoracicVeins(V0=1400));  
Parts.PulmonaryCirculation pulmonaryCirculation(  
    PulmonaryArteries(V0=100), PulmonaryVeins(V0=600));
```

#2 - 17 February 2014 19:44 - Tomáš Kulháněk

- % Done changed from 80 to 100

- push display units git