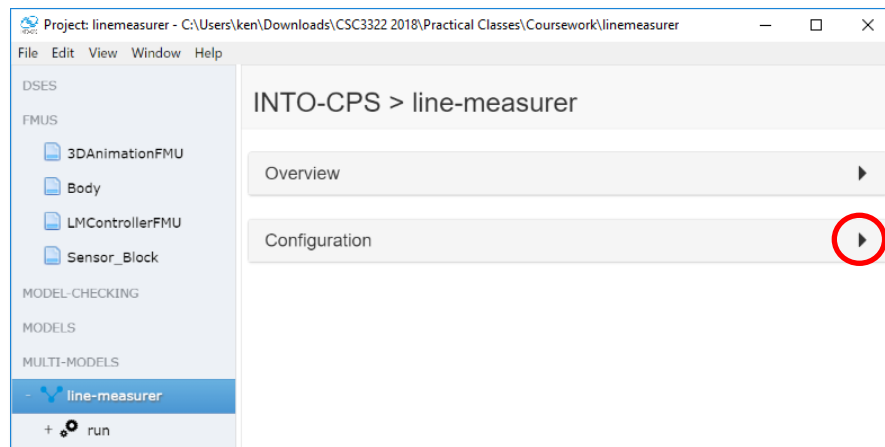


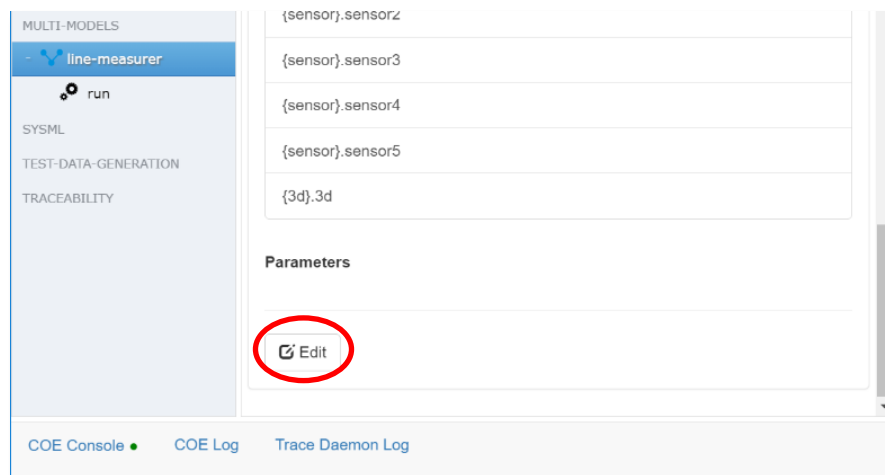
Setting Parameters for the Line-Measuring Robot

How to Set Parameters - initial_position[2]

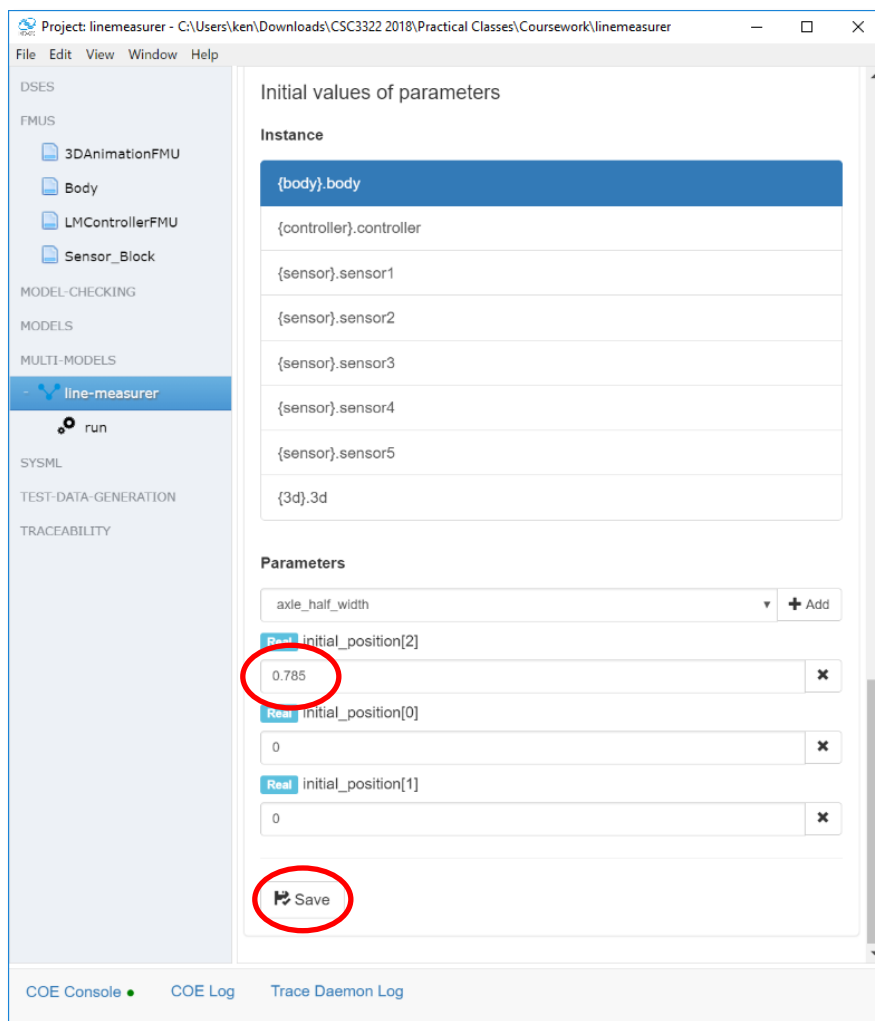
1. Double-click *line-measurer* under *MULTI-MODELS* and click to expand the *Configuration* section:



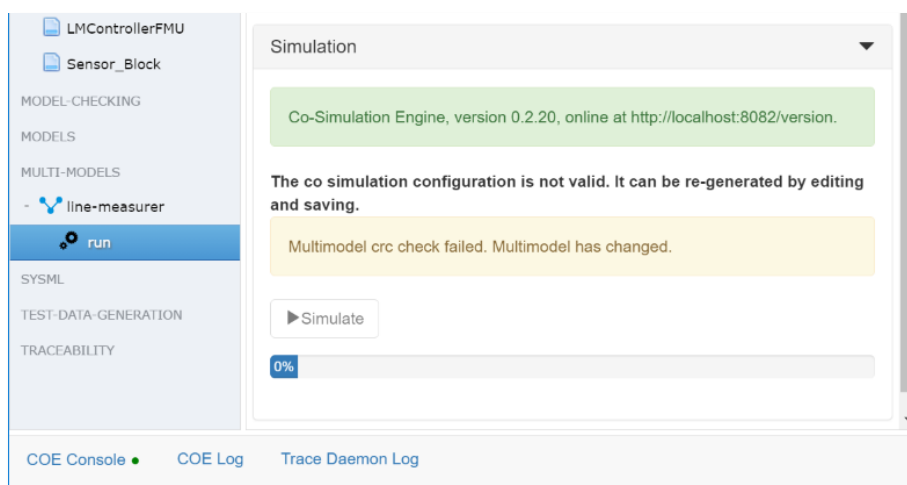
2. Scroll down to the *Initial values of parameters* section at the bottom. This lists all the *Instances* (of FMUs in the co-simulation). Now click *Edit*.



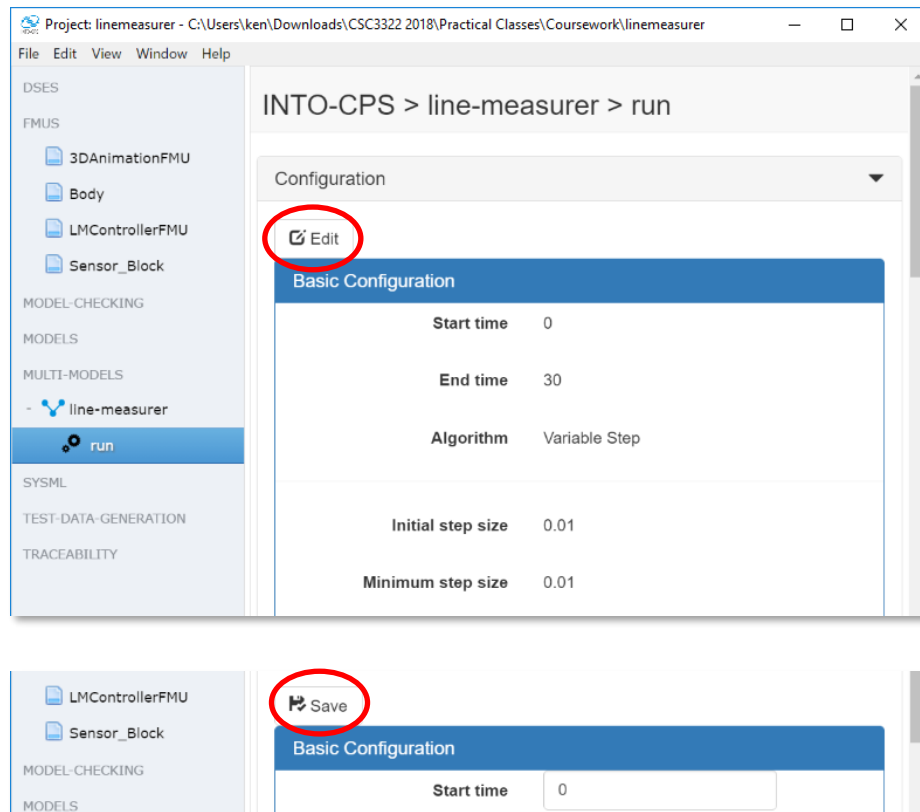
3. Select the *{body}.body* instance. The *Parameters* section shows the available parameters for this *Instance*, in this case *initial_position[2]*. Values are:
 - Straight line: 0.785
 - Curved line: 5.497
 - Unknown line: 2.356



- Click Save.
- Changing the multi-model configuration affects the co-simulation configuration (called *run*) which will produce the following error: *"Multimodel crc check failed. Multimodel has changed."*



6. To fix this, click to expand the *Configuration*, press *Edit*, then immediately press *Save*.



How to Set Parameters – Sensor Positions

1. Repeat Steps 1–6 but select the relevant *{sensor}.sensor* instance. These are colour-coded in the 3D visualisation to match the live plot in the INTO-CPS tool.

