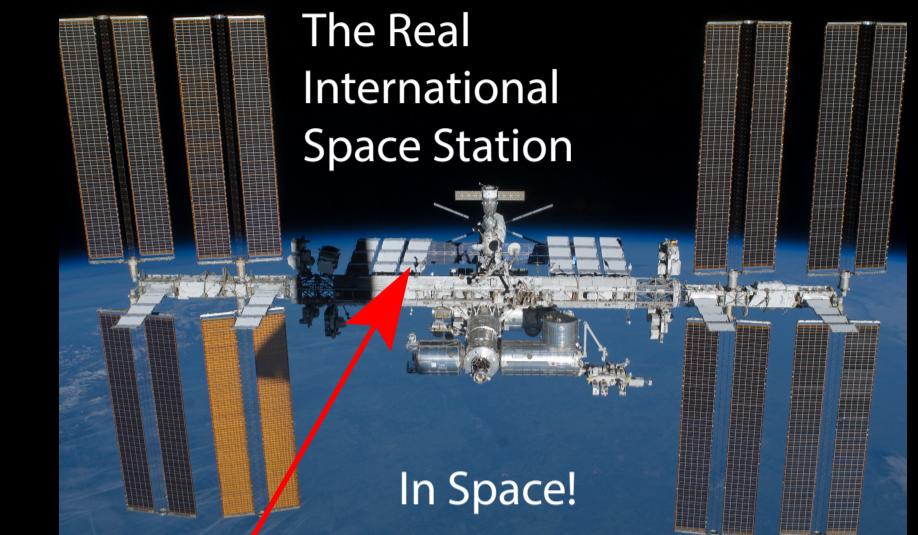
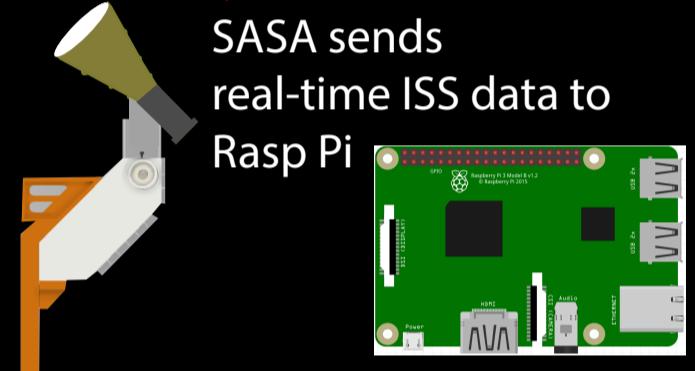


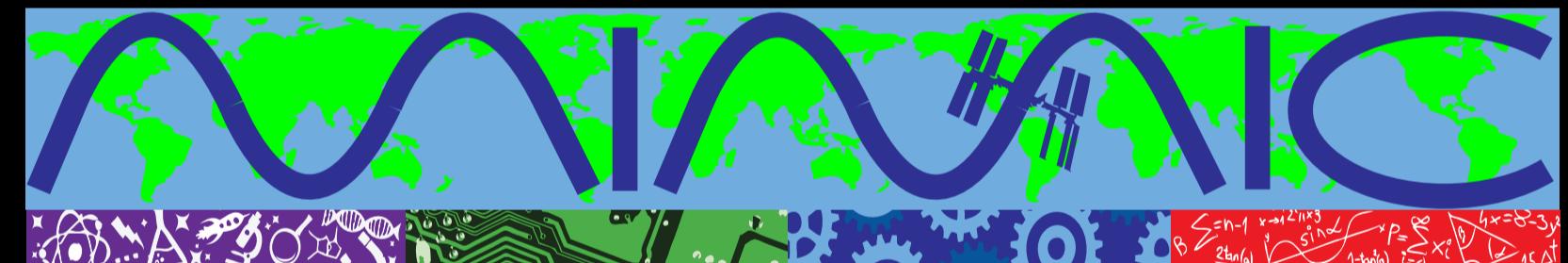
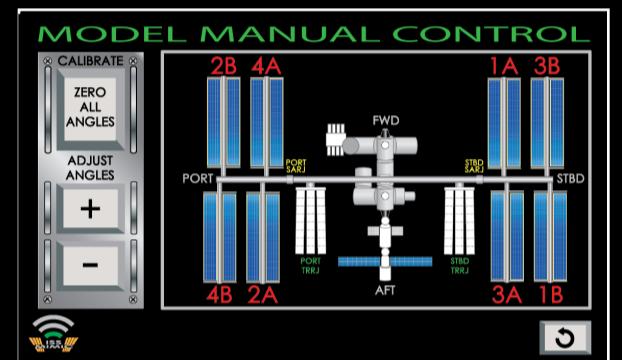
MIMIC - Mechatronic Instantiated Model, Interactively Controlled



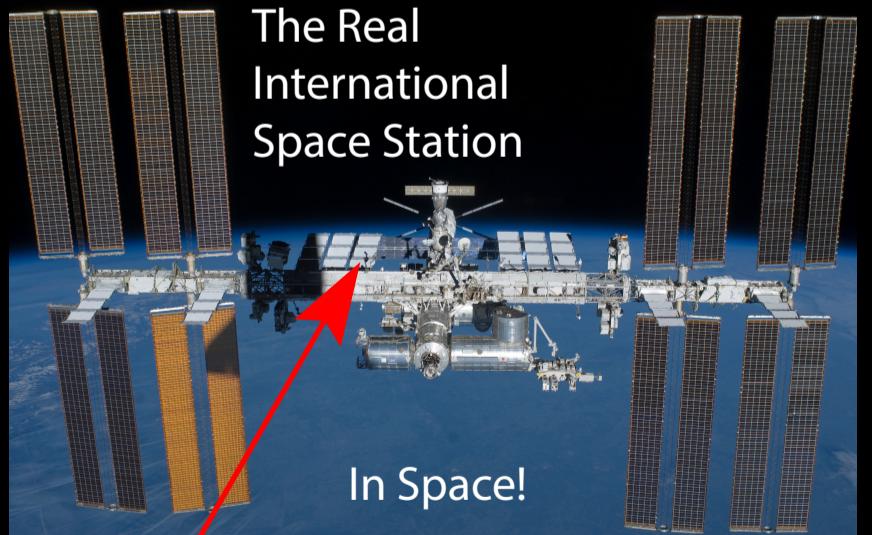
SASA sends  
real-time ISS data to  
Rasp Pi



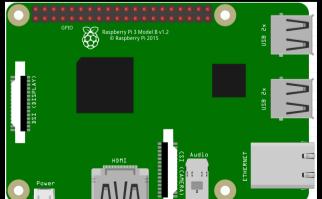
Rasp Pi drives  
displays



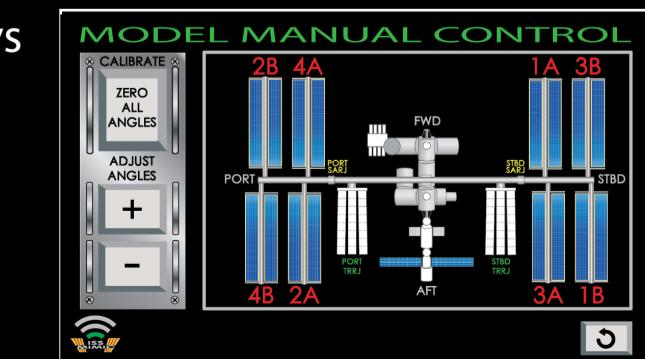
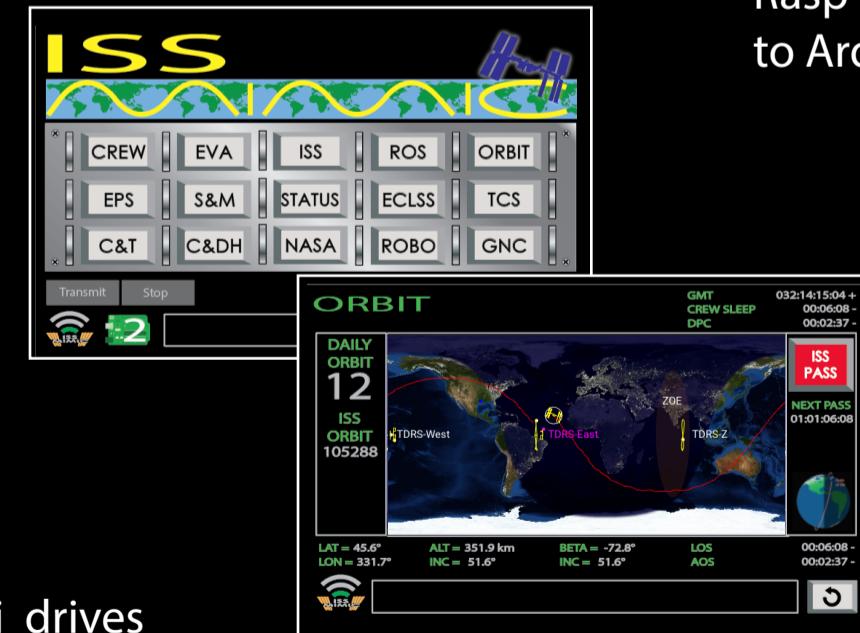
MIMIC - Mechatronic Instantiated Model, Interactively Controlled



SASA sends  
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Rasp Pi drives  
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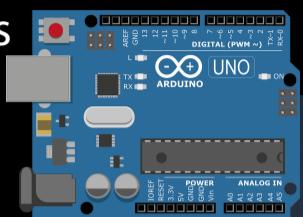
# Physical STEM Scale Model Replicating ISS Real-time

Driven by publicly available live data from the ISS

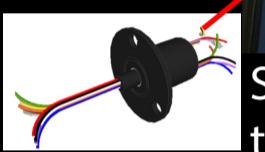


Micro gear  
motors rotate  
solar array  
joints

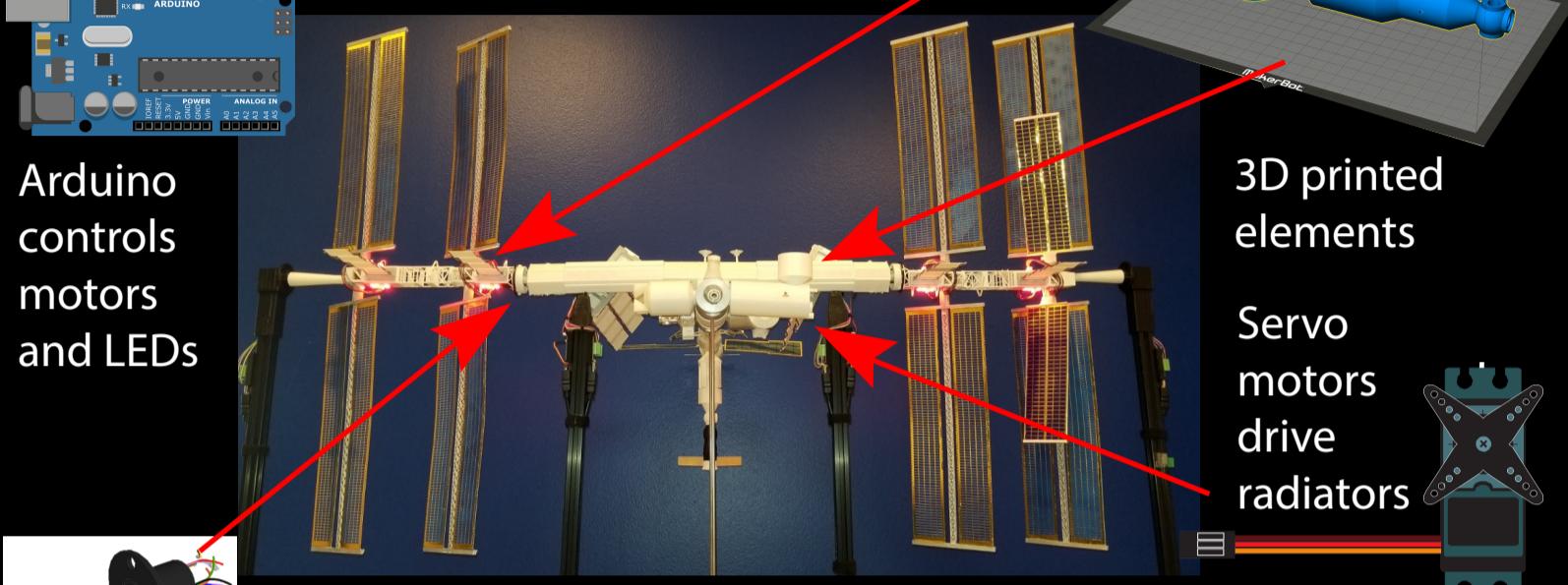
Rasp Pi sends commands  
to Arduinos



Arduino  
controls  
motors  
and LEDs



Slip rings allow  
truss rotation



3D printed  
elements

Servo  
motors  
drive  
radiators



OPEN SOURCE - ALL on GitHub <https://github.com/ISS-Mimic/Mimic>

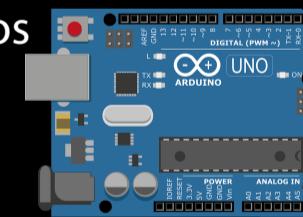
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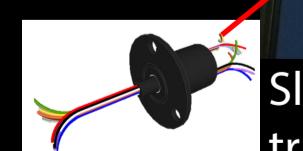


Micro gear  
motors rotate  
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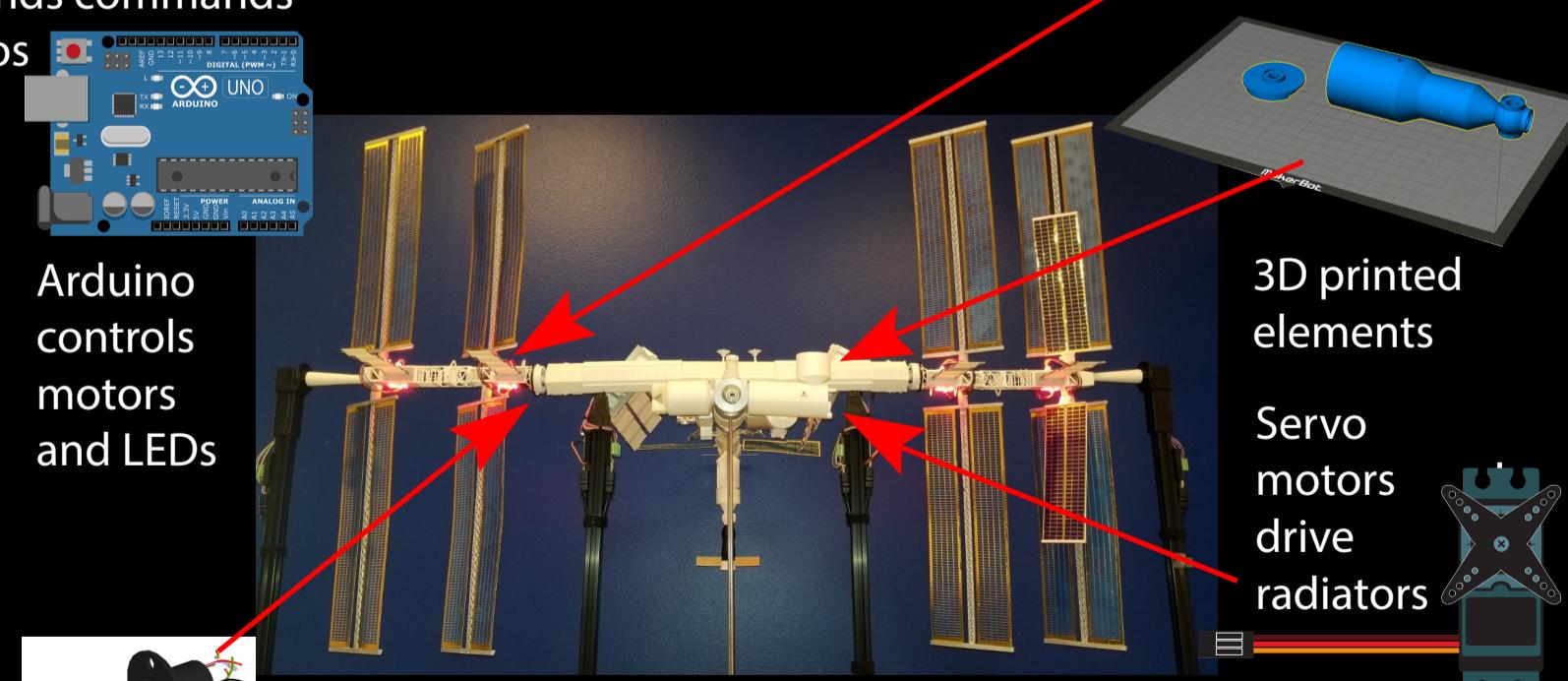
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