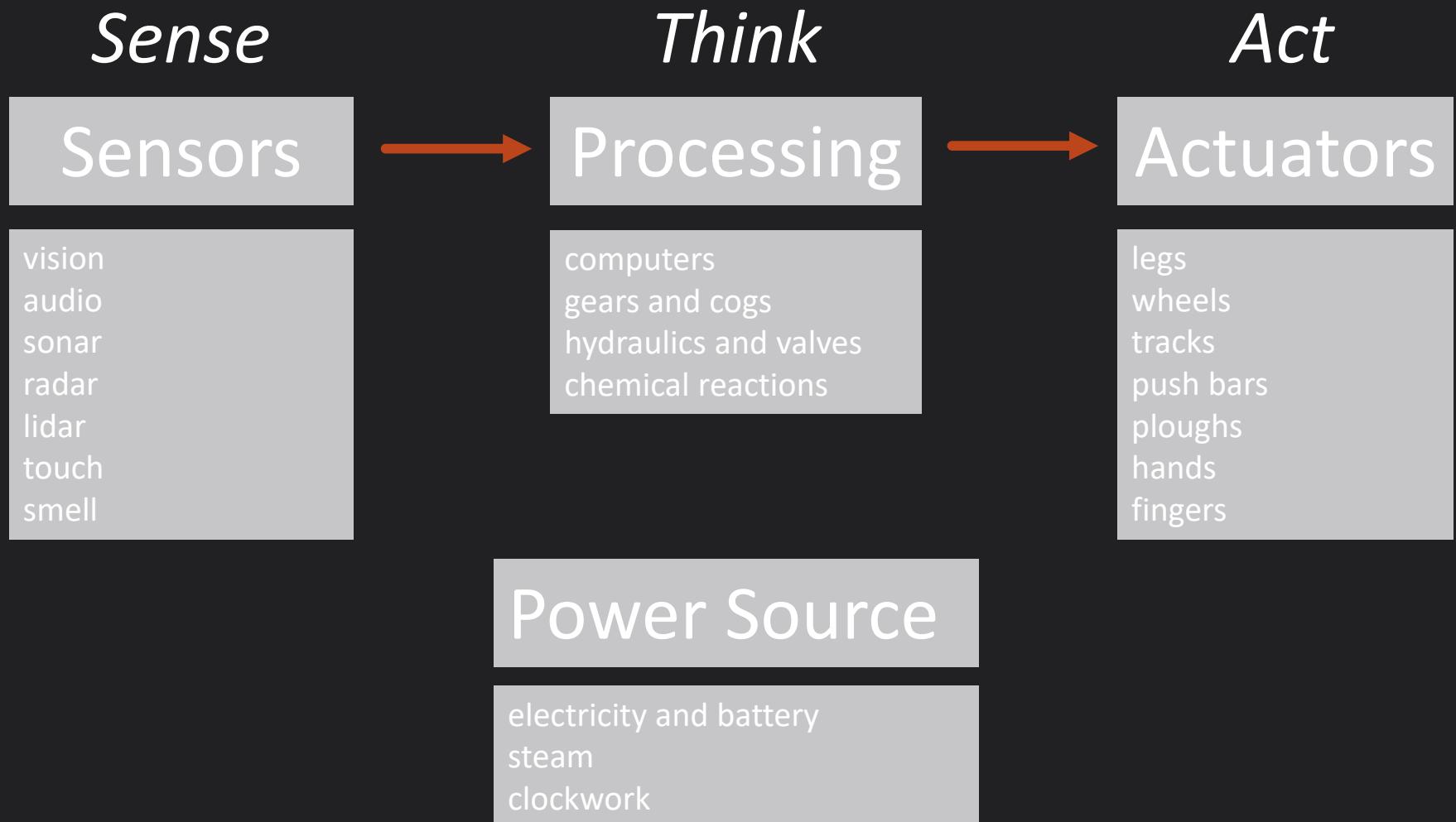




ROBOTS





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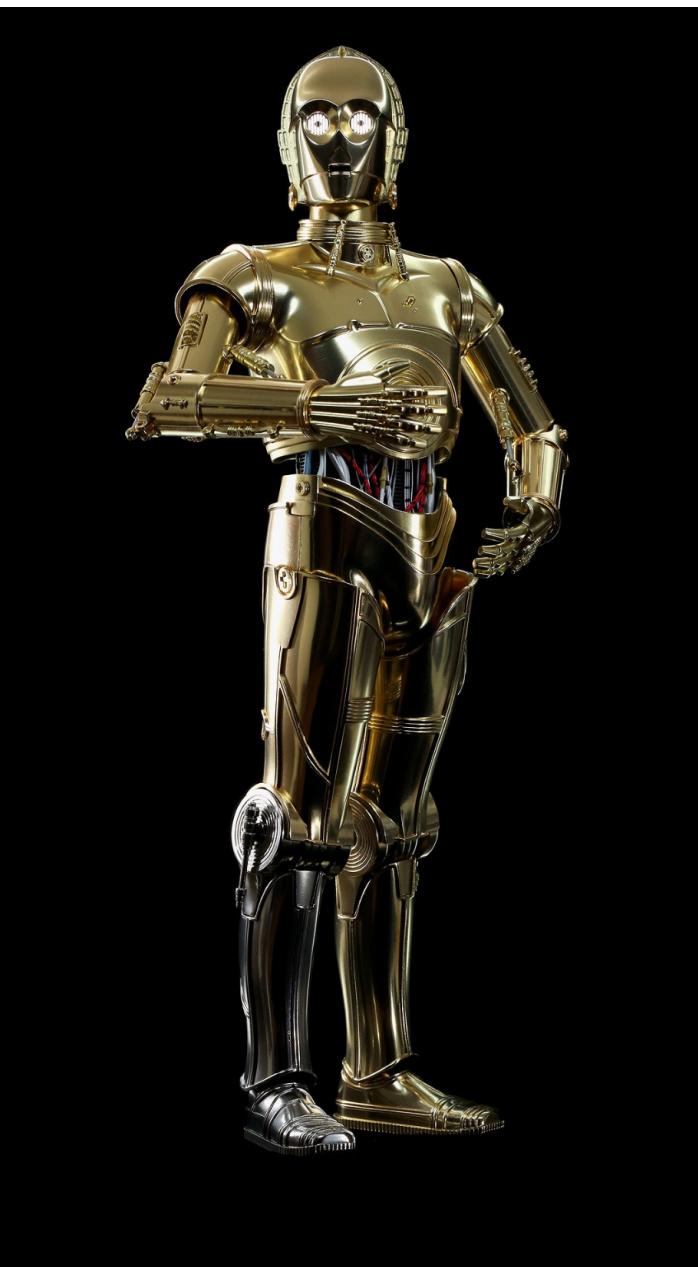
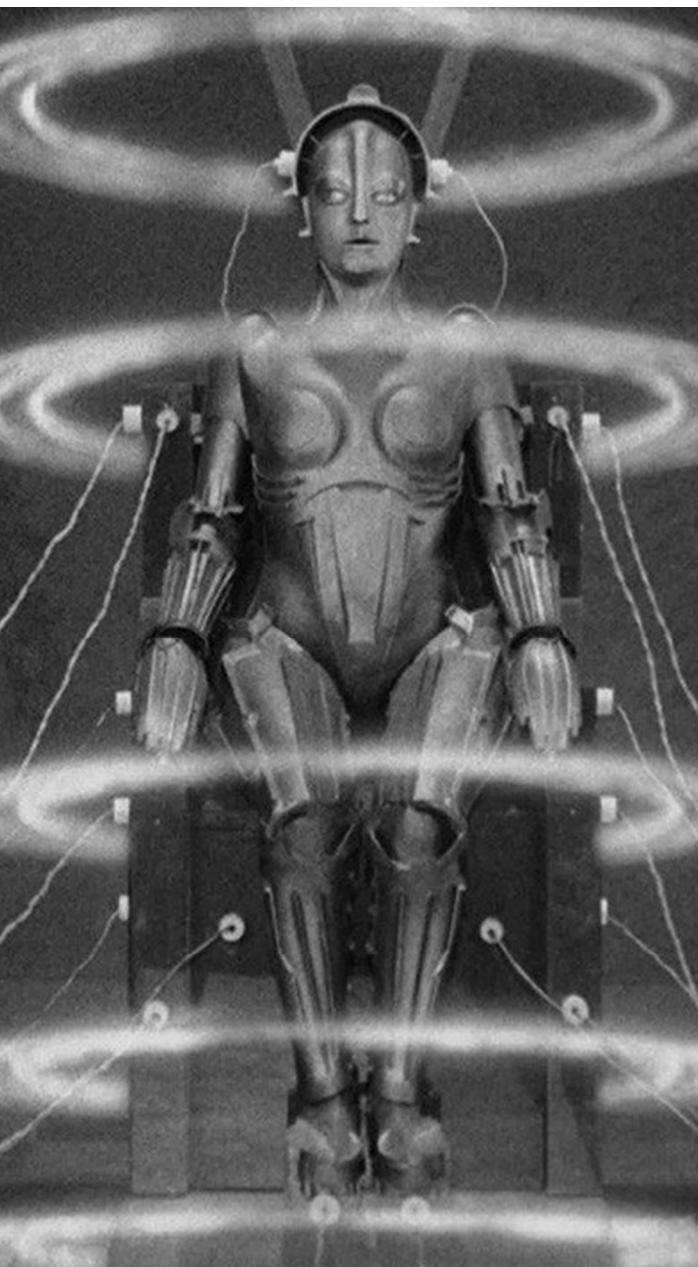
Autonomous

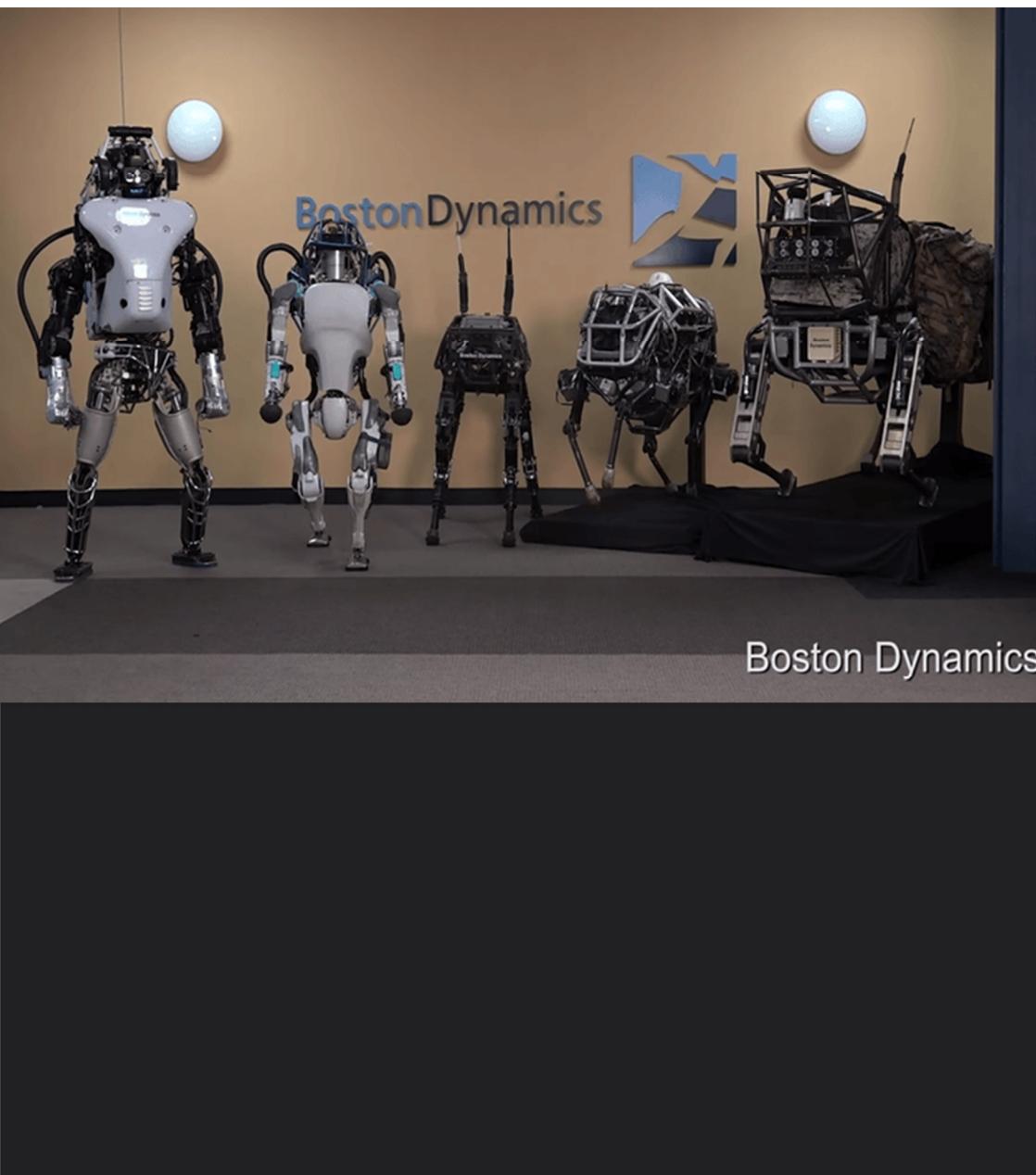
Intelligent

Robots ≠ AI

Lower level "reactive" behaviours – becoming very effective due to rapid advances in machine learning and large scale data technologies.

Higher level cognitive capabilities – such as sense making, planning and decision making... often in cooperative situations with humans.

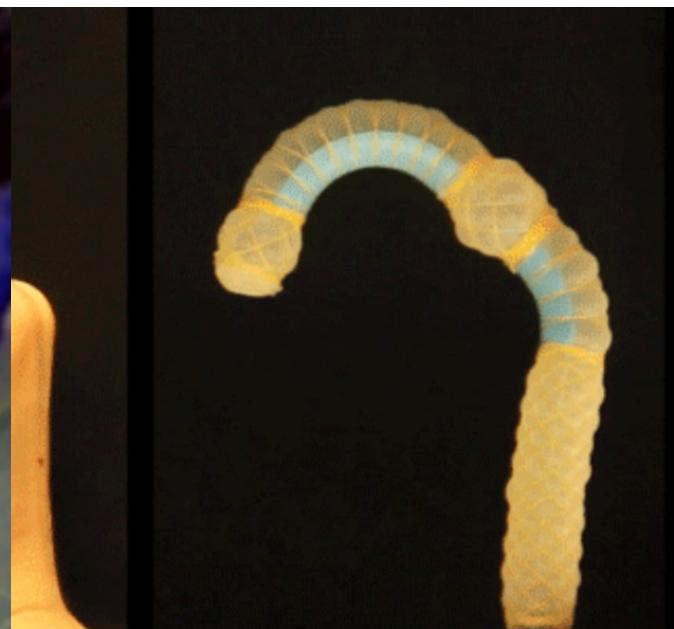




Boston Dynamics

ASIMO
<http://www.honda.co.jp/ASIMO/>
ASIMOVISUALCO.,HONDA,WWW.HONDA.JP







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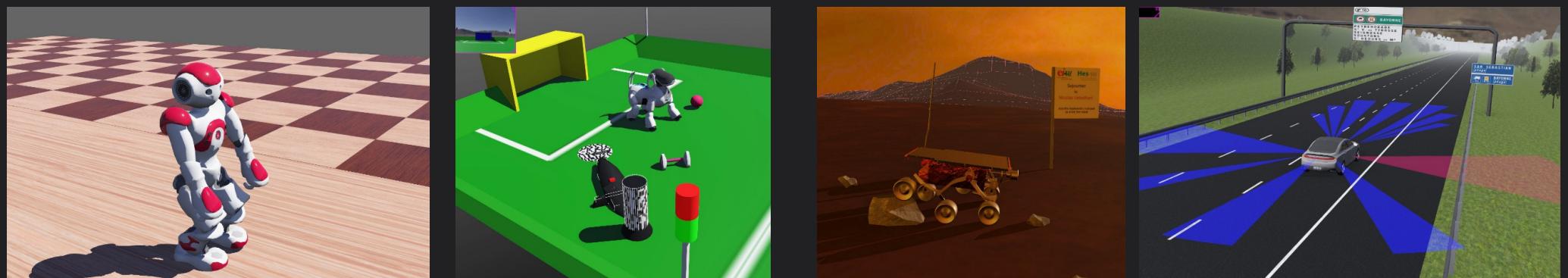
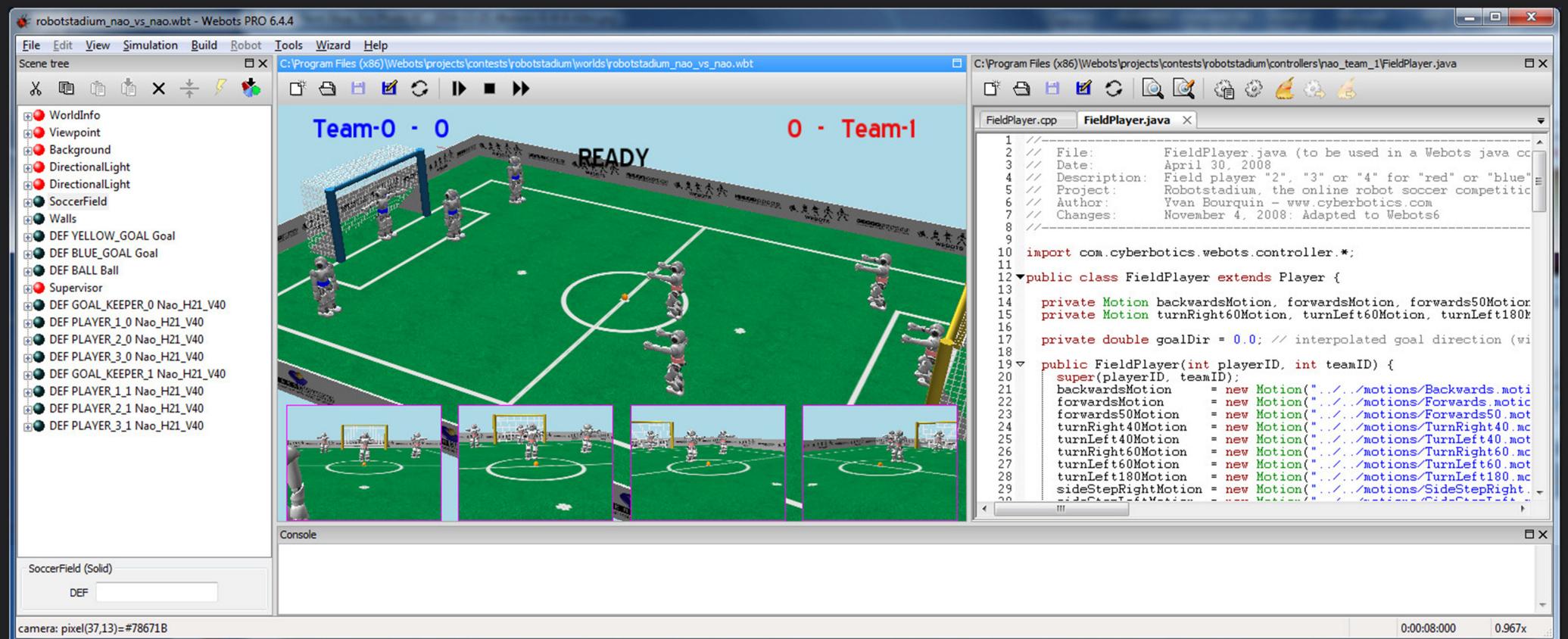


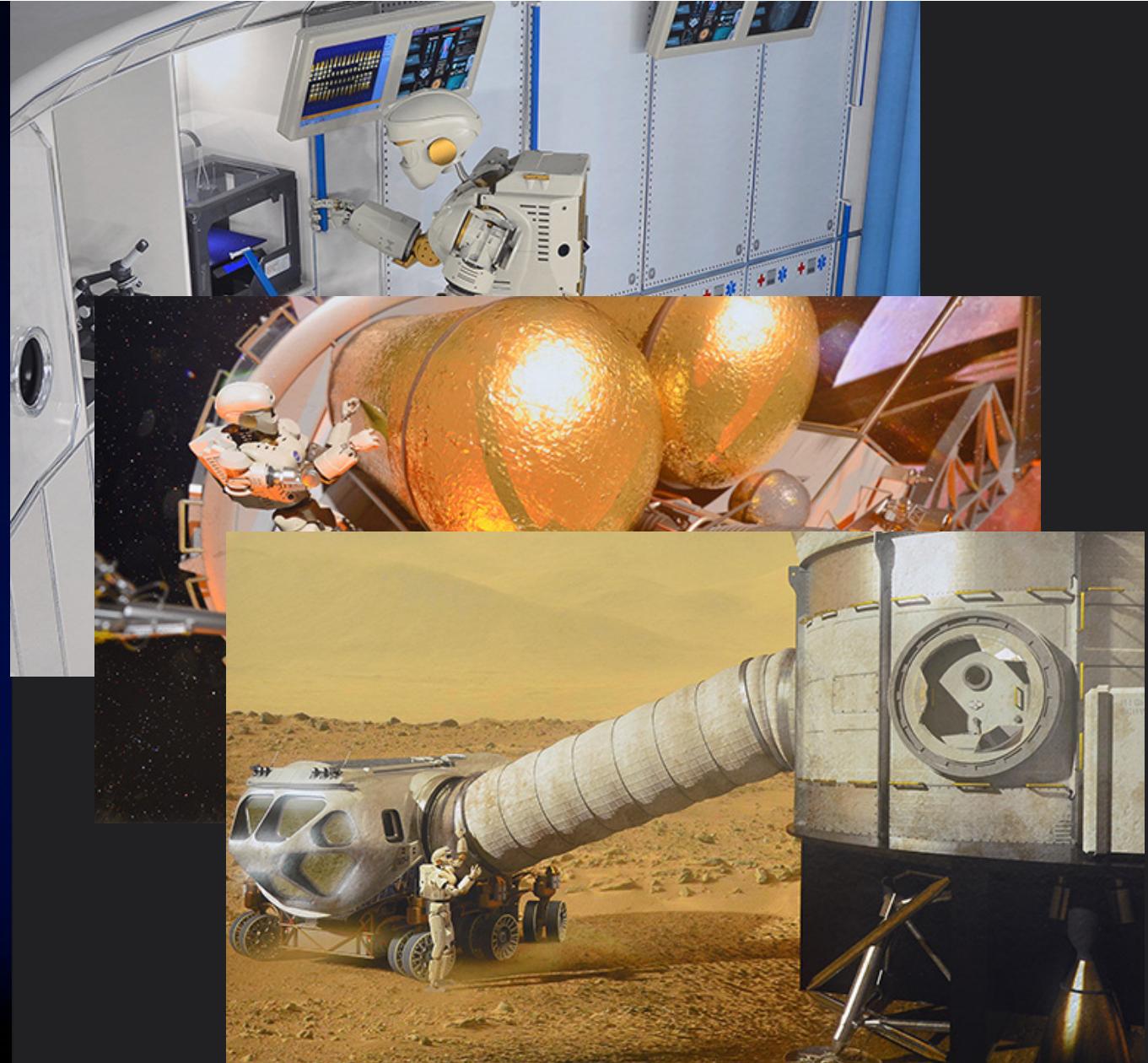
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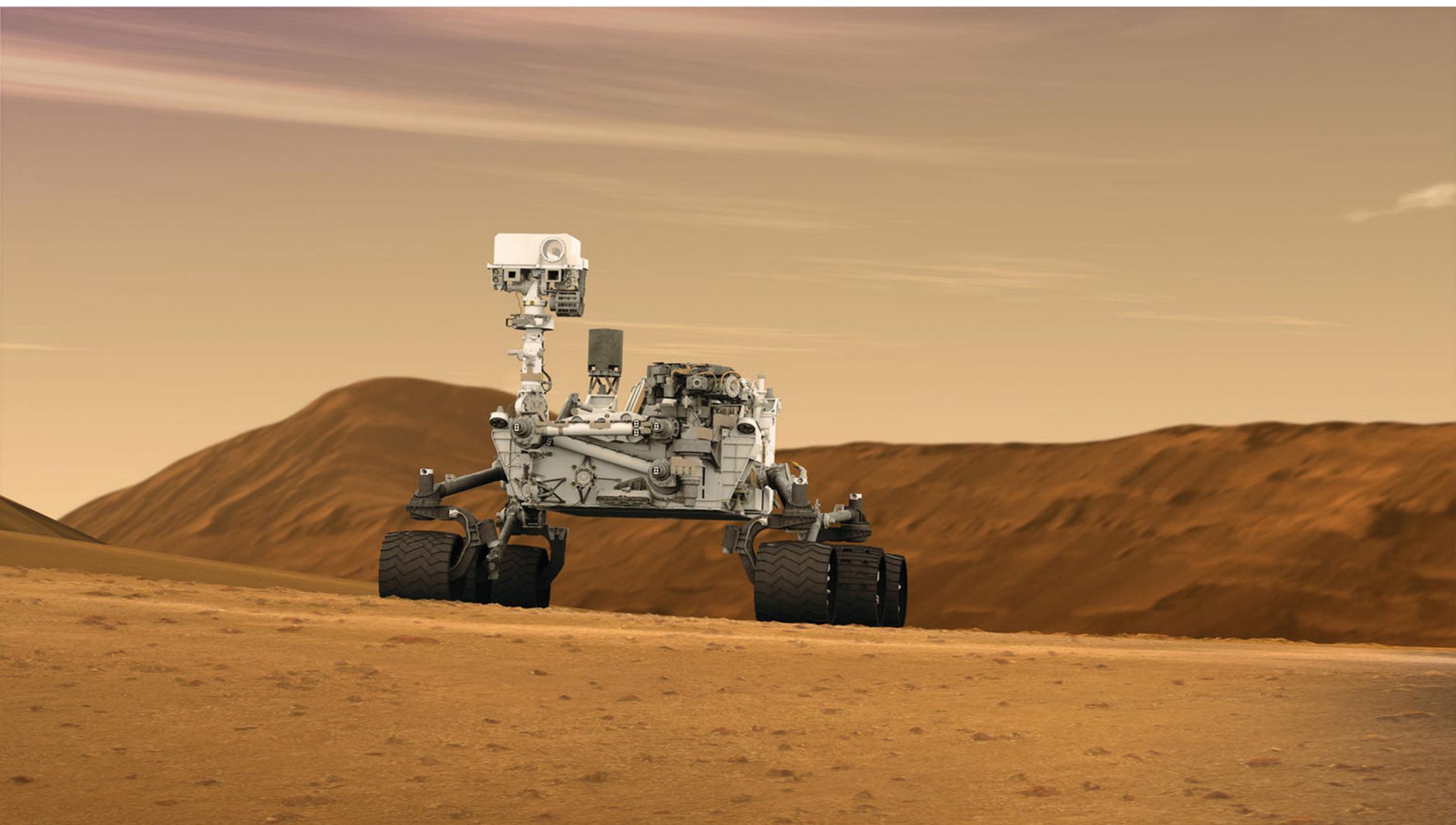


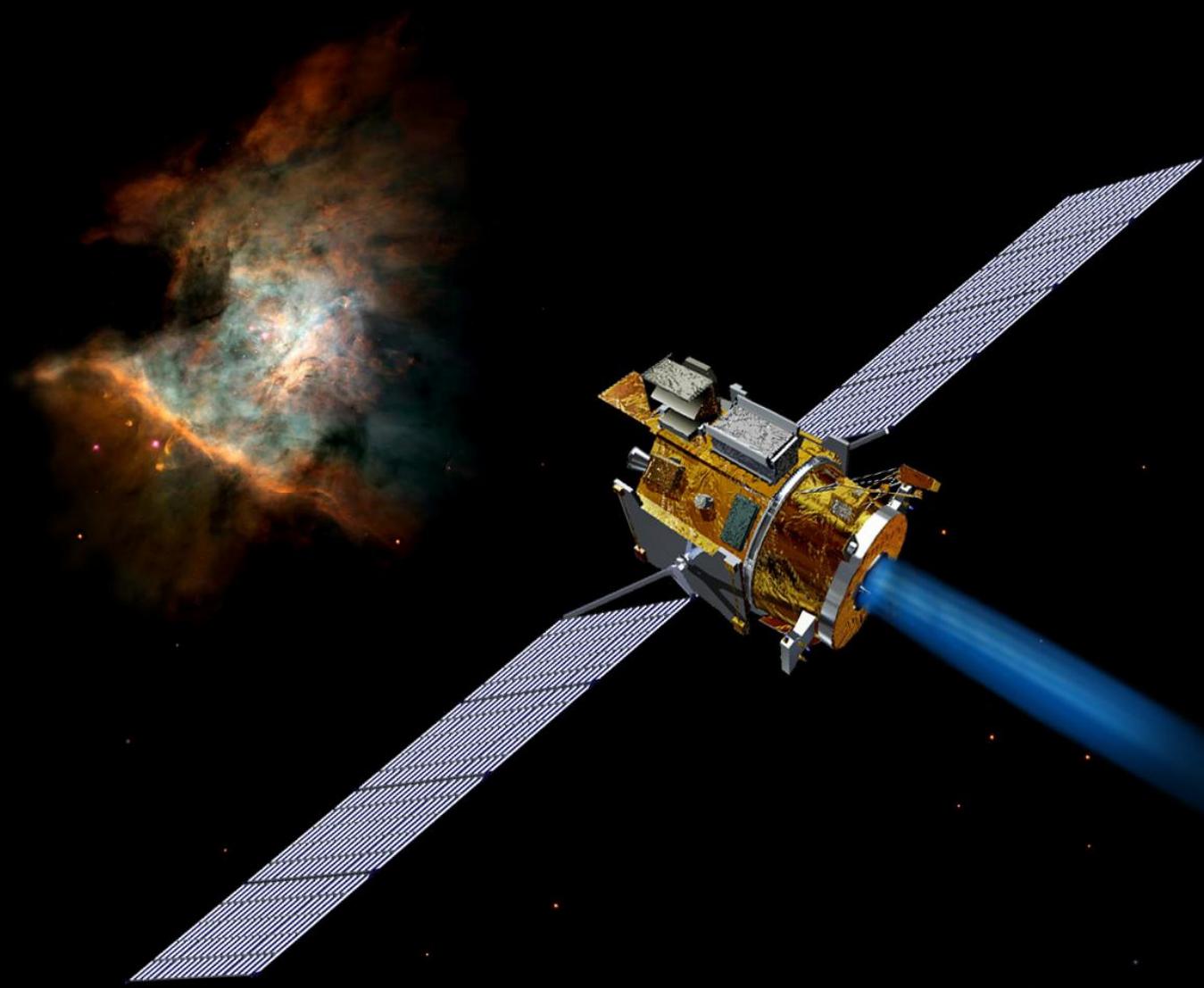
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Credits

- ❖ Presentation available at <http://www.aiai.ed.ac.uk/~ai/resources/>
- ❖ National Museum of Scotland – Tayce Phillipson and Kirsty Tough
- ❖ Science Museum London
- ❖ Disney/LucasFilm, MGM – Sci-Fi Film Robots
- ❖ University of Edinburgh – Freddy Robot
- ❖ Edinburgh Centre for Robotics – Robotarium Robots
- ❖ Da-Vinci Surgical Robot – Sofmedica
- ❖ Soft Robots – Harvard Robotics Lab
- ❖ Webots – Cyberbotic
- ❖ Valkyrie, Curiosity Rover and Deep Space One – NASA Images