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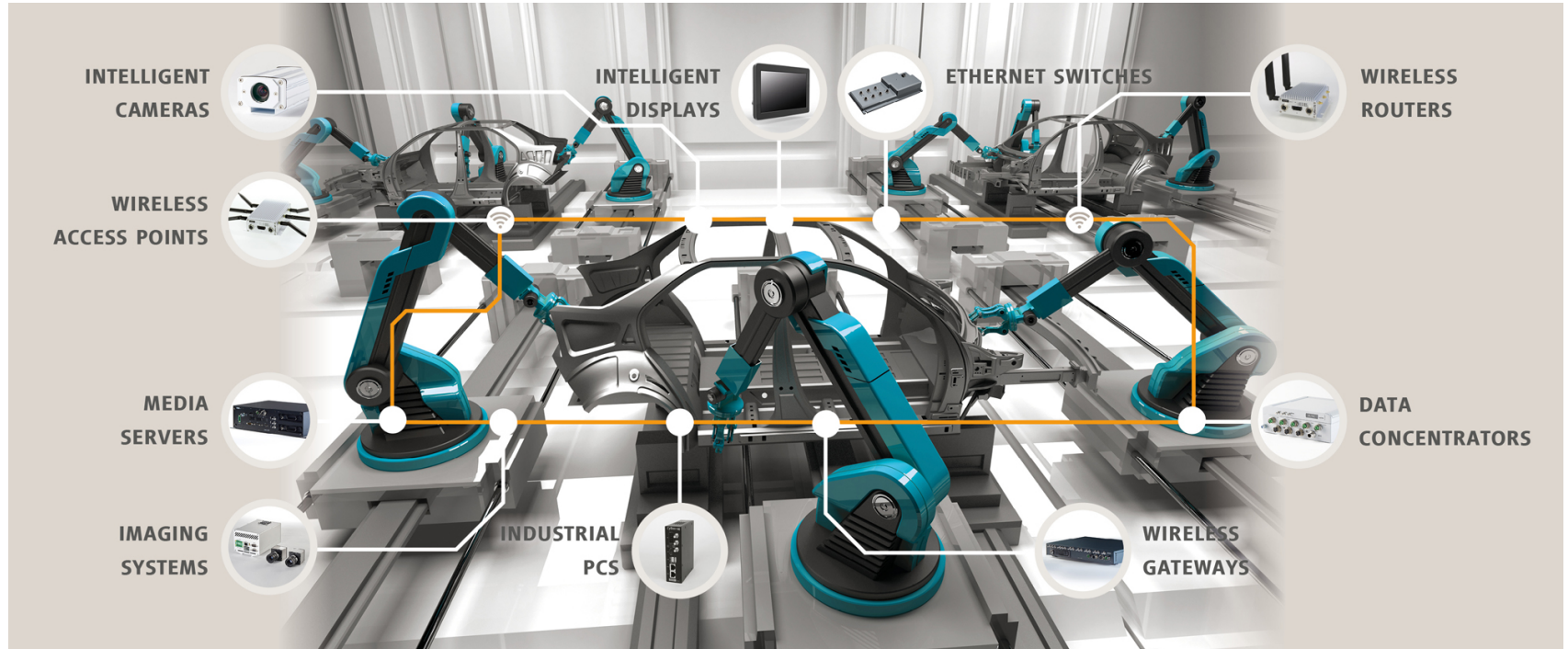
Preparing Clients for the 4th Industrial Revolution through the Department of Library Services (DLS): MakerSpace

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Industry 4.0



DLS MakerSpace

- 3D Printing and scanning for rapid prototyping
- Technical training workshops and hackathons
- Open collaboration space
- Basic circuitry design kits
- Overall space to create and collaborate

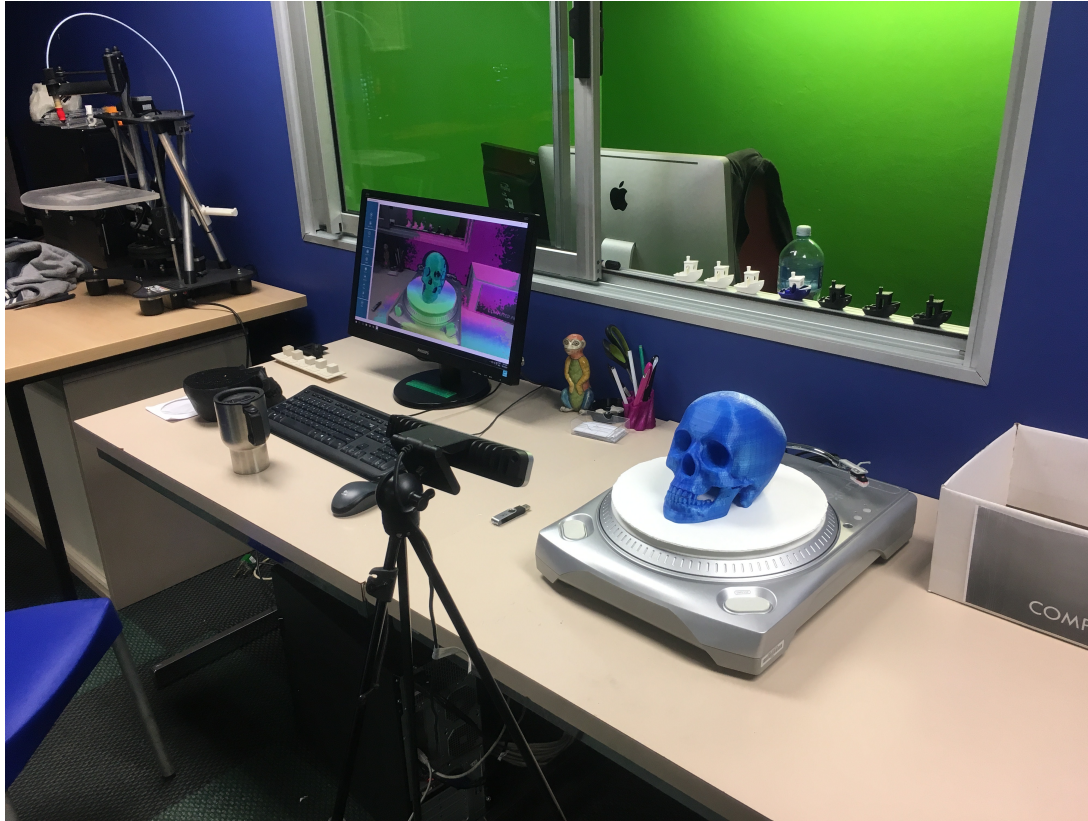
Creation of 3D Objects

- Scan existing objects
- Design structures or objects using software
- Download Open Source designs

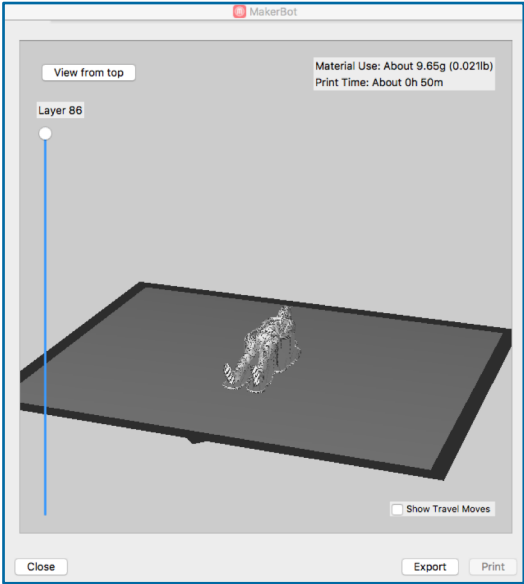
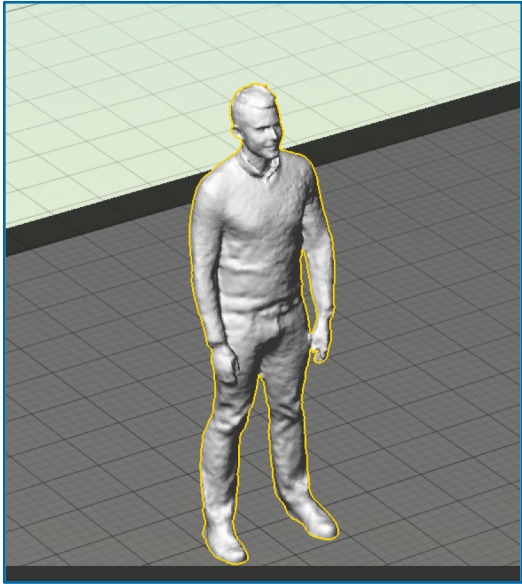


Thingiverse

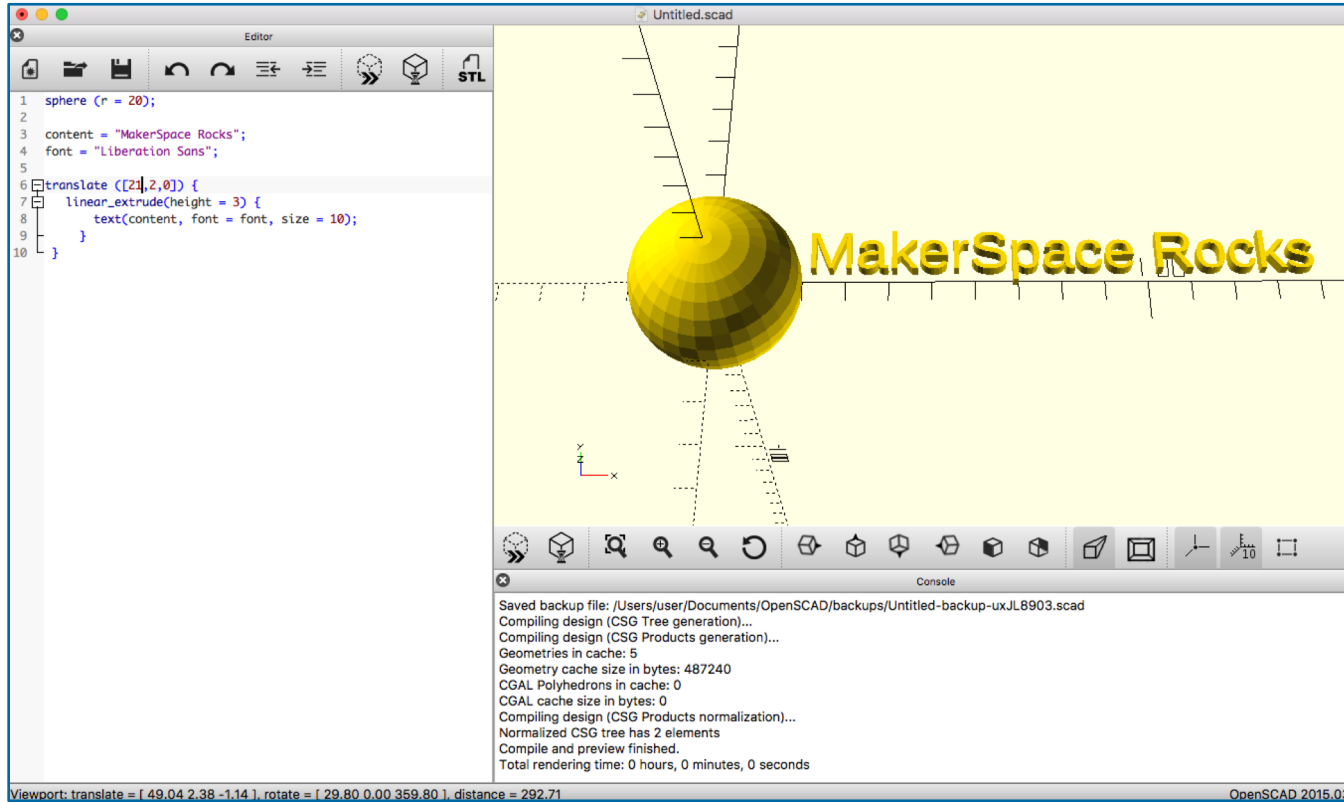
MakerSpace Services: Scanning



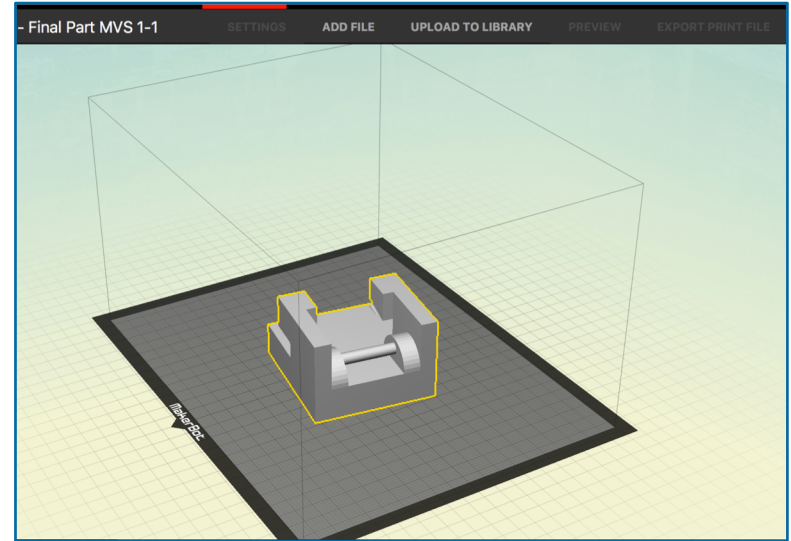
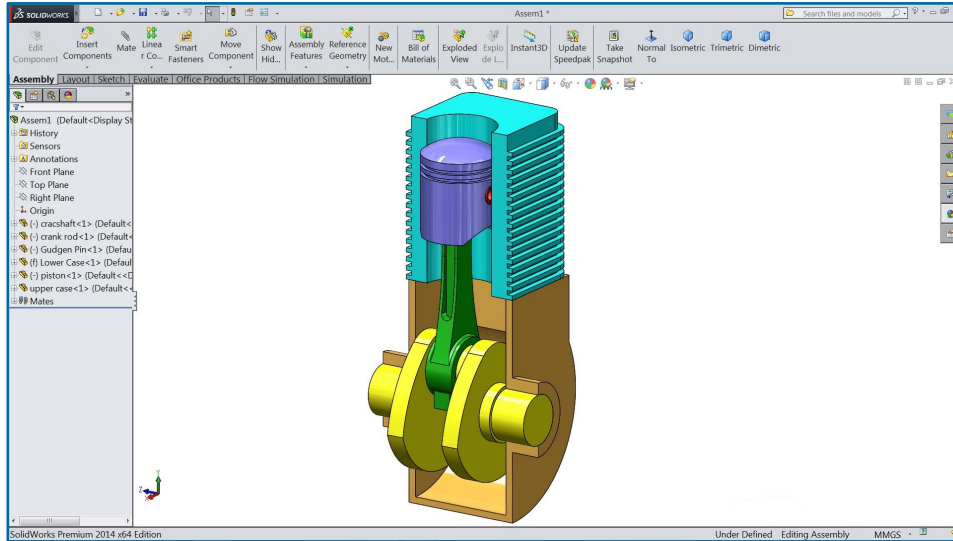
From Physical to Digital: And Back Again



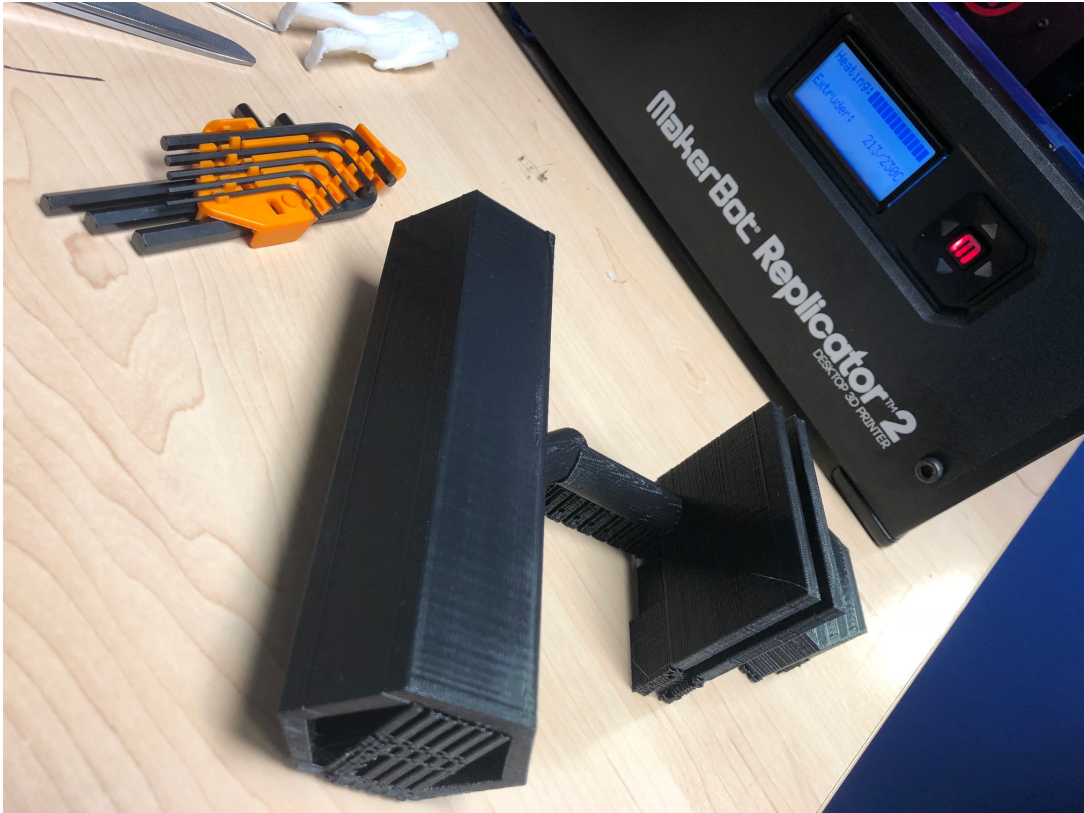
Creation of 3D Objects



Application of 3D Design



Application of 3D Design

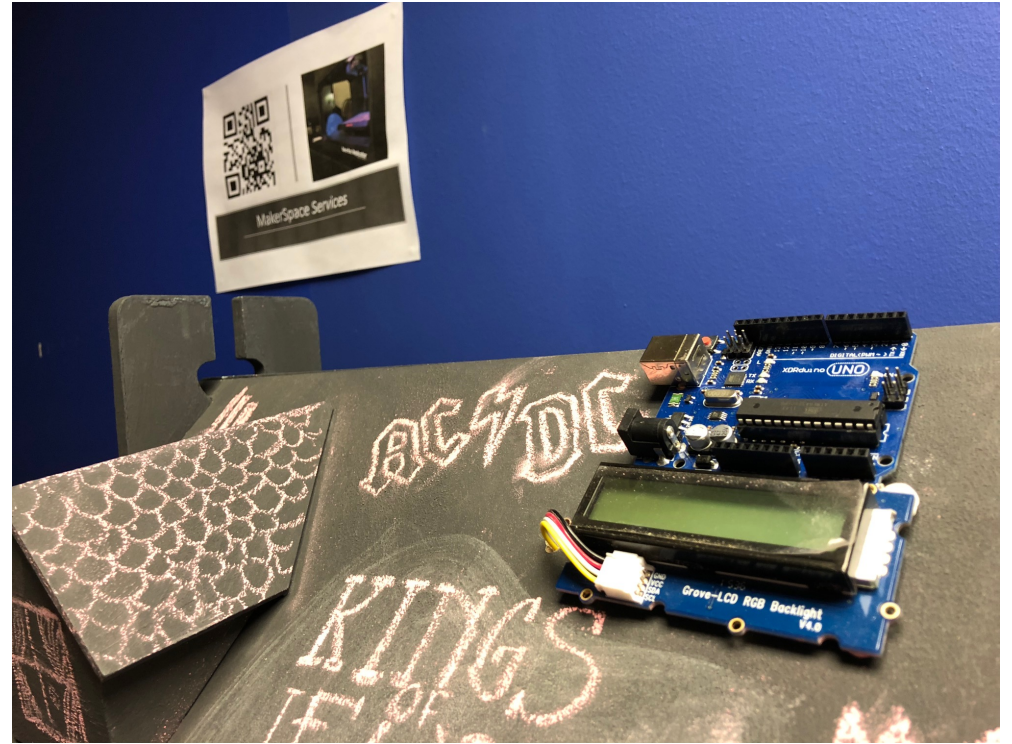
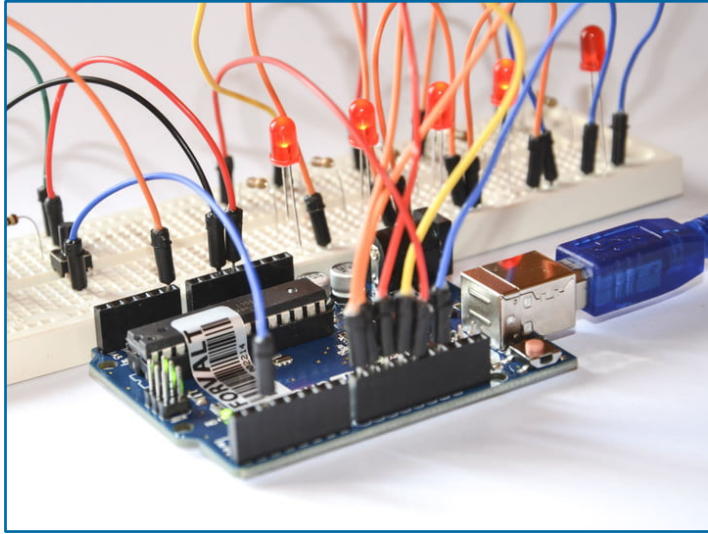


Arduino: Basis for IoT Teachings

- Basic circuitry
- Bring together hardware and software
- Inexpensive
- Cross-platform
- Open source code
- Open source extendable hardware



Arduino Applications



Bringing it all Together



Thank You

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