3D CAD Update

National Steamup Spectacular 2021

Chris Coley

Different CAD packages...

- SolidWorks http://solidworks.com
  - $99 edition for hobbyists, or thousands of $$, Windows only
  - Stored in cloud and can't share with commercial shops
- Solid Edge http://solidedge.siemens.com
  - $99 edition for hobbyists, or thousands of $$, Windows only
  - Stored in cloud and can't share with commercial shops
- OnShape http://onshape.com
  - Free for hobbyists, or monthly $$, runs in web browser
  - Stored in cloud and can't share with commercial shops
- FreeCad http://freecadweb.org
  - Free open source, still has issues and isn't 1.0 yet, runs on anything
  - Files are stored locally and interchangeable with commercial shops

3D Printed People

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3D Printed People

- DAZ 3D Base software is Free
  - http://https://www.daz3d.com
  - Some Figures and clothing are included for free some is paid for.
  - Pose and dress your figures then export as .obj 3D model and import into your 3D printer software.
- Download free and paid print ready 3D models
  - http://Thingverse.com
  - http://Renderhub.com
  - https://www.cgtrader.com

3D Printed Rolling Stock and More

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3D Models for download

- Download files some for free
    - http://thingverse.com
    - https://gaugeone3dcircle.groups.io/g/home/topics