https://prism.ucalgary.ca

Conferences

Designing Libraries for the 21st Century Conference

2016-09-20

Digital Scholarship Centres

http://hdl.handle.net/1880/52179

Downloaded from PRISM Repository, University of Calgary

is.gd/mcmaster_dsc

Use this to follow the slides if you're far away.

Digital Scholarship Centres, Technology, and Access

Dale Askey, McMaster University Library @daskey & @macscds

Designing Libraries 5 - September 20, 2016

McMaster - SCDS quick context

Occupancy in 2012

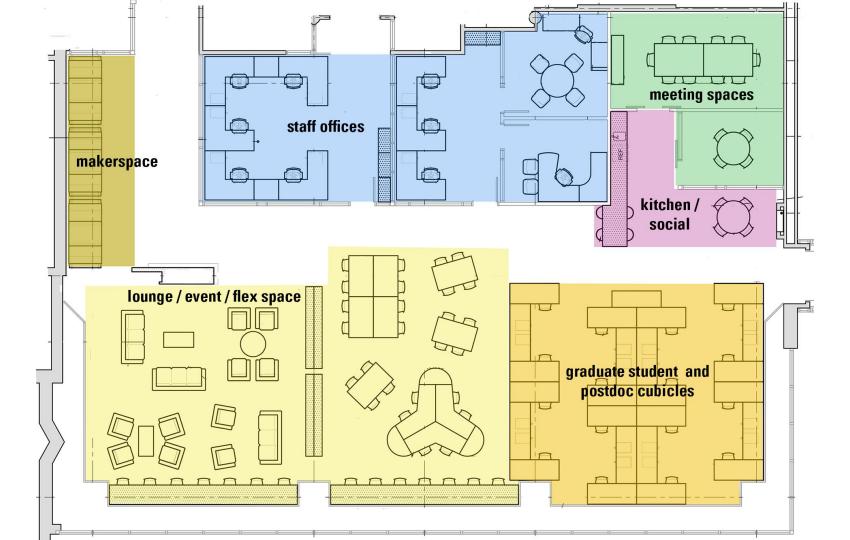
Mills (main) Library first floor

4750 sq ft - former map department

15 resident cubicles

8 staff offices





SCDS Technology

Four physical servers, direct control

Two Backblaze storage pods, 315 TB raw

Three 'overkill' DS workstations (HP Z840)

Can provision VMs, storage, applications

Docker / Ansible key technologies

Tea kettle



SCDS makerspace

'Organic' development

3D printing focus - expertise development

R&D makerspace

Curriculum development, training



We prefer making \$50 mistakes.

Makes asking forgiveness so much less painful.

Access, controlled

Locked door

Grant access to faculty (low threshold), grad students (moderate threshold), undergrads (high)

Creates some issues, but helps us avoid others



Breaking down the door, virtually

Remote desktop access to workstations

Increased VM utilization, installed services

Projecting our activities to other locales



Research and service, separated

Co-mingling creates challenges, requires policing

Research can be messy, iterative

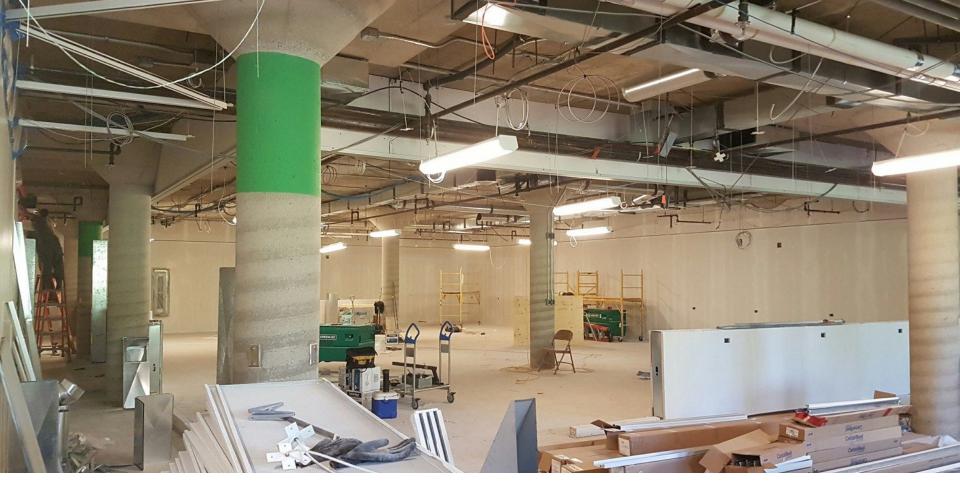
Give staff space to do their job

Can't deliver services in a sandbox

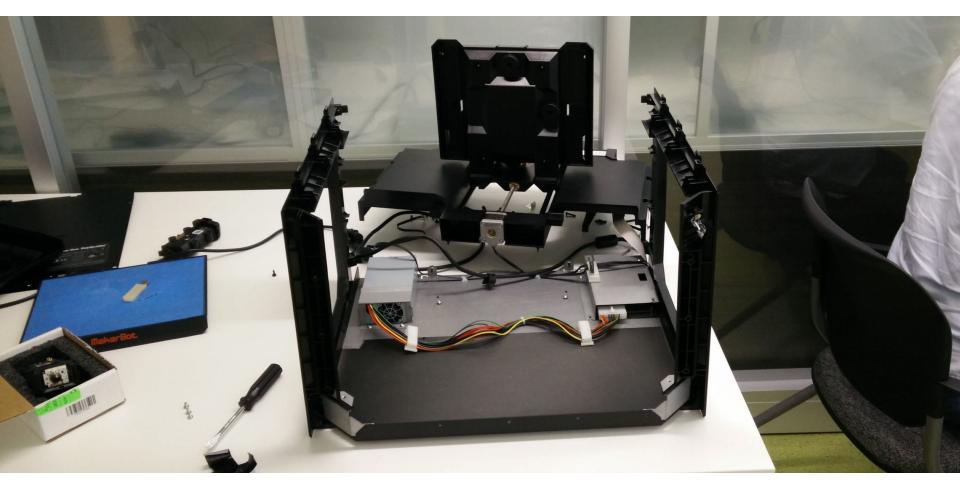




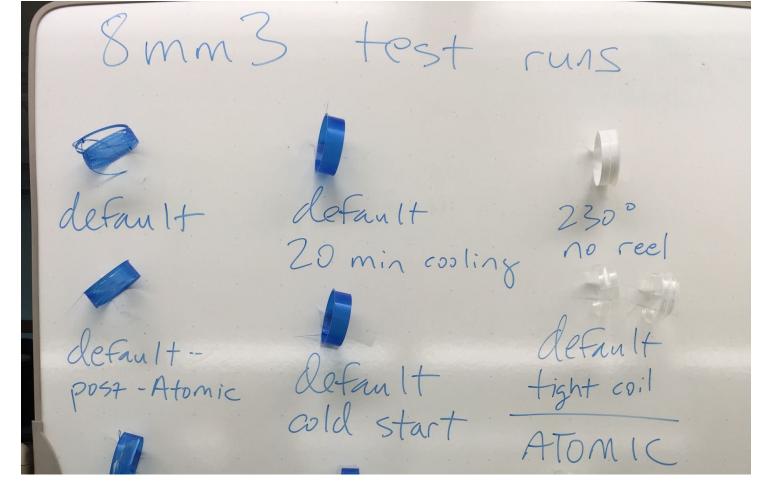
Research



Service



Research



Research

Home > 3D Printing >

Instructions for Submitting Requests



Instructions for Submitting Requests

- Create your own 3D design (the LNMC has Blender installed on all computers or use your favourite 3D software). If you don't know how to create a 3D object, you can select an object from a free open source website such as <u>Thingiverse</u> or <u>YouMagine</u>. Make sure to save or choose the .STL file format.
- 2. Use the Cura software (found on all LNMC computers or <u>download the free software to your own computer</u>) to scale, rotate, and/or resize your file. Cura will give an estimated length of time to print the object. Print size

Service

Thank you.

Sherman Centre for Digital Scholarship

scds.ca