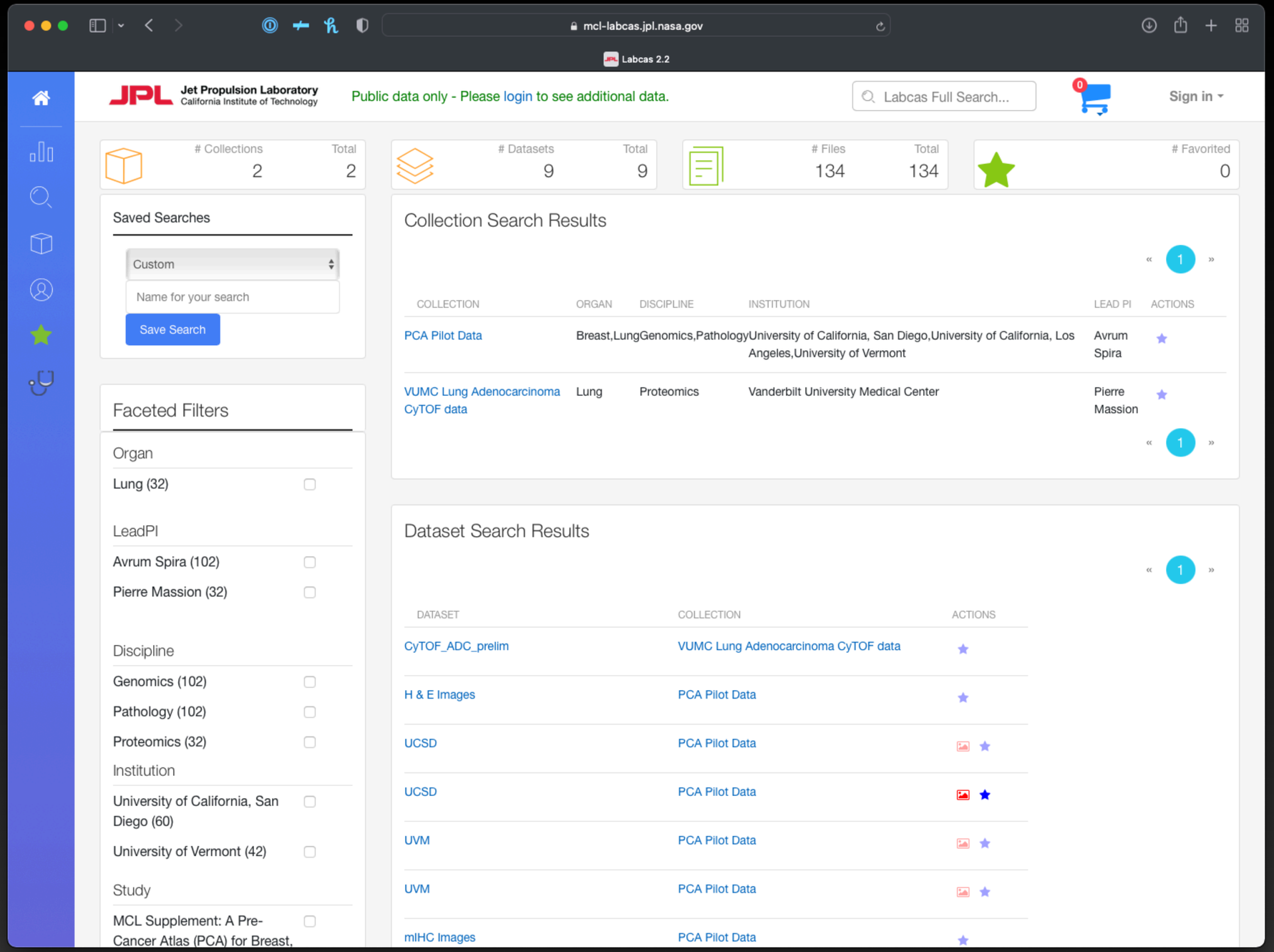
Your Data → LabCAS

Making SFTP More Approachable

Informatics Center, Jet Propulsion Laboratory, California Institute of Technology

Your laboratory instrument
SFTP
AWS S3
Sync & ingest
LabCAS


mcl-labcas.jpl.nasa.gov
Labcas 2.2
Jet Propulsion Laboratory
California Institute of Technology
Public data only - Please login to see additional data.
Labcas Full Search...
Sign in
Collections
Total
2
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Datasets
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Files
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Favorited
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Saved Searches
Custom
Name for your search
Save Search
Faceted Filters
Organ
Lung (32)
LeadPI
Avrum Spira (102)
Pierre Massion (32)
Discipline
Genomics (102)
Pathology (102)
Proteomics (32)
Institution
University of California, San Diego (60)
University of Vermont (42)
Study
MCL Supplement: A Pre-Cancer Atlas (PCA) for Breast,
Collection Search Results
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COLLECTION
ORGAN
DISCIPLINE
INSTITUTION
LEAD PI
ACTIONS
PCA Pilot Data
Breast,Lung
Genomics,Pathology
University of California, San Diego,University of California, Los Angeles,University of Vermont
Avrum Spira
VUMC Lung Adenocarcinoma CyTOF data
Lung
Proteomics
Vanderbilt University Medical Center
Pierre Massion
« 1 »
Dataset Search Results
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DATASET
COLLECTION
ACTIONS
CyTOF_ADC_prelim
VUMC Lung Adenocarcinoma CyTOF data
H & E Images
PCA Pilot Data
UCSD
PCA Pilot Data
UCSD
PCA Pilot Data
UVM
PCA Pilot Data
UVM
PCA Pilot Data
mIHC Images
PCA Pilot Data

Your laboratory instrument
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SFTP

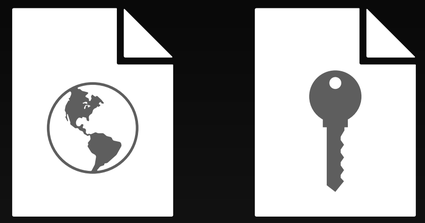
- Your scientific data
- A key pair
- SFTP username
- An SFTP app

- Instructions, from the SOP, or either of these:
  - For EDRN: https://cutt.ly/rPfq3qq
  - For Consortium for Molecular and Cellular Characterization of Screen-Detected Lesions: https://cutt.ly/oPfq7oG
- Or just google: “edrn upload sftp”

1. Your Data

- In a format suitable for depositing into LabCAS
  - De-identified? Yes
    - Event IDs? We can put those into filenames for you
- On the system from which you'll upload
  - Perhaps on a networked filesystem

2. Key Pair



- A public/private key
  - Safer than a password
- You keep the private key

- You give the Informatics Center the public key

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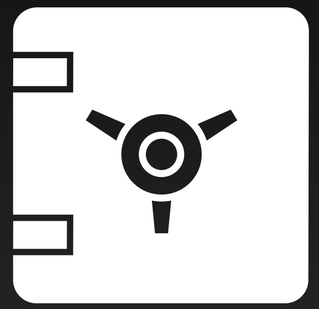

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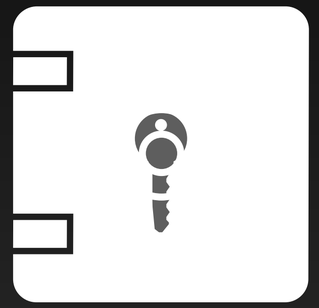

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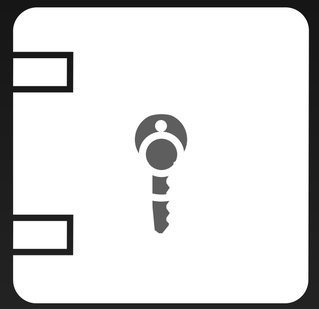

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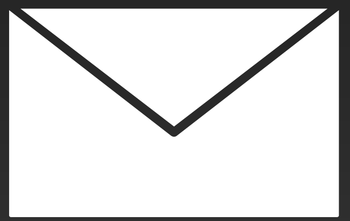

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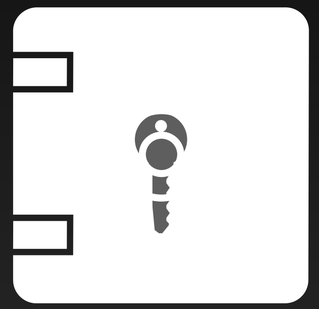

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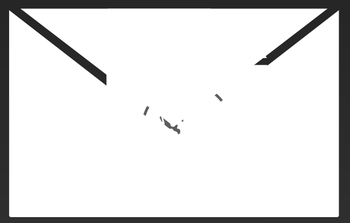

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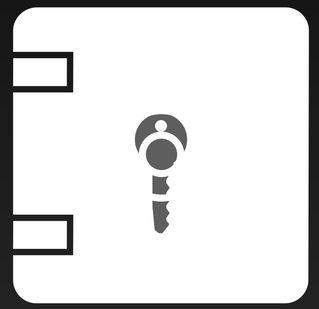

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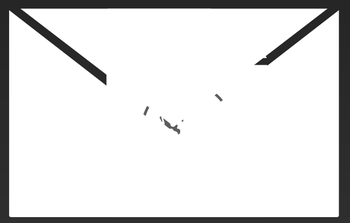

demonstration

3. SFTP username

- Just for SFTP
  - Different from your EDRN or MCL username
    - Or may be the same
  - Different from your institutional directory username
    - Or may be the same
  - Different from your computer’s login name
    - Or may be the same!

Your SFTP username:
assigned once we install your public key

4. SFTP app

Linux etc., and Apple macOS users: built-in!

/usr/bin/sftp

Windows users will need to download, buy, or ask their system administrators for help*

WinSCP

demonstration

Let’s upload!

skelly

SFTP

demonstration

Questions?