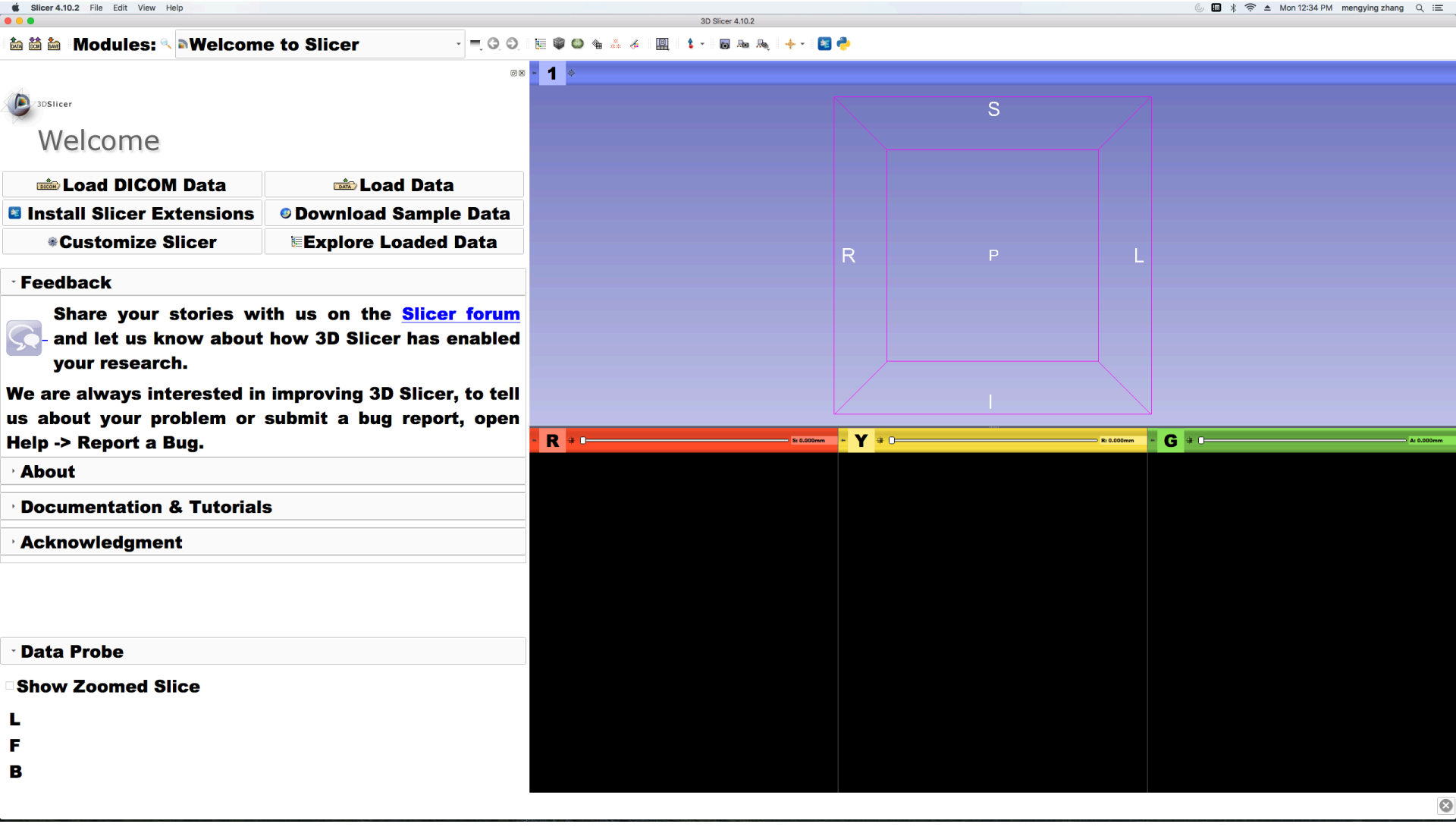
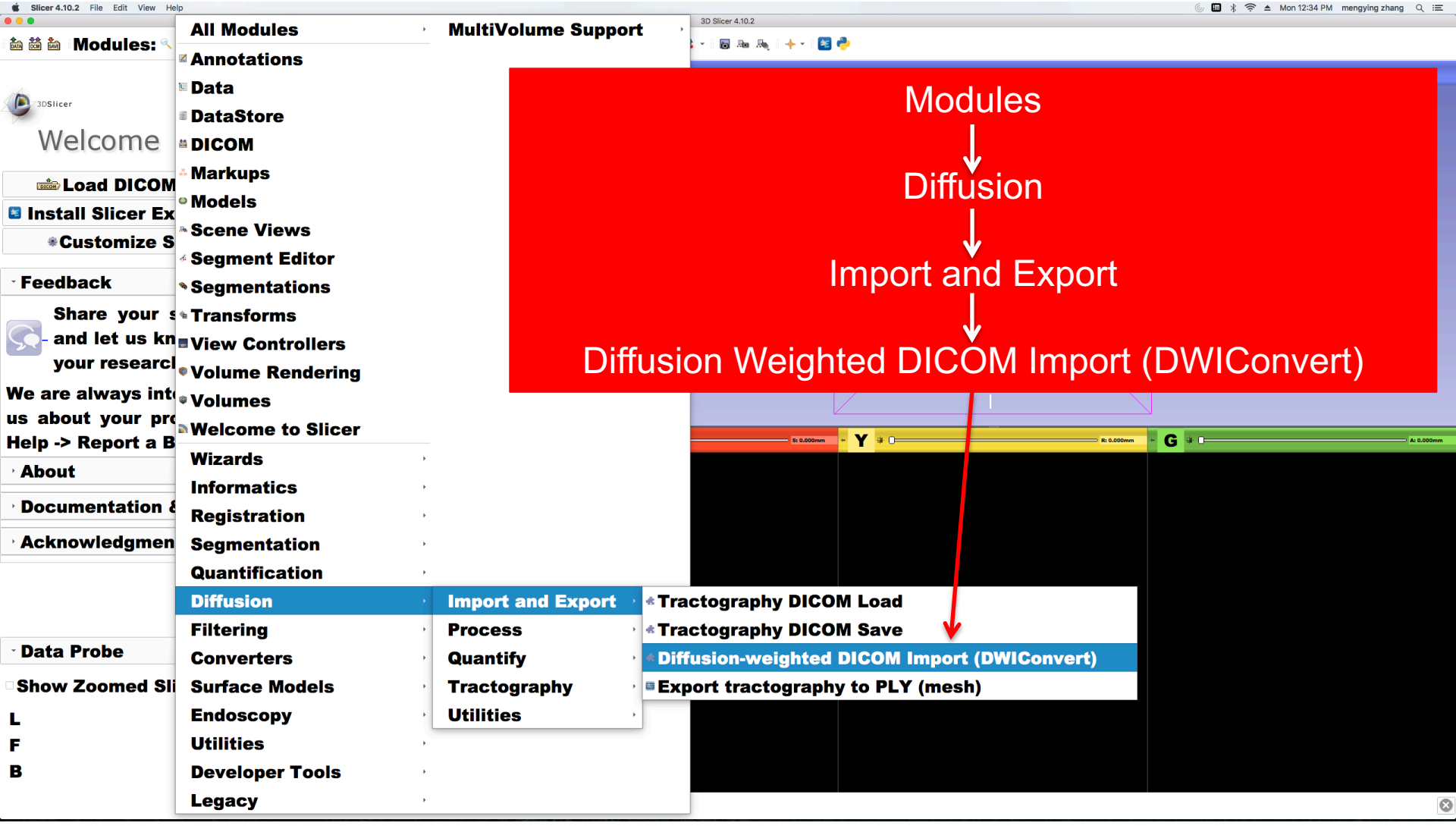
DWI Converter Tutorial

Fan Zhang
Harvard Medical School

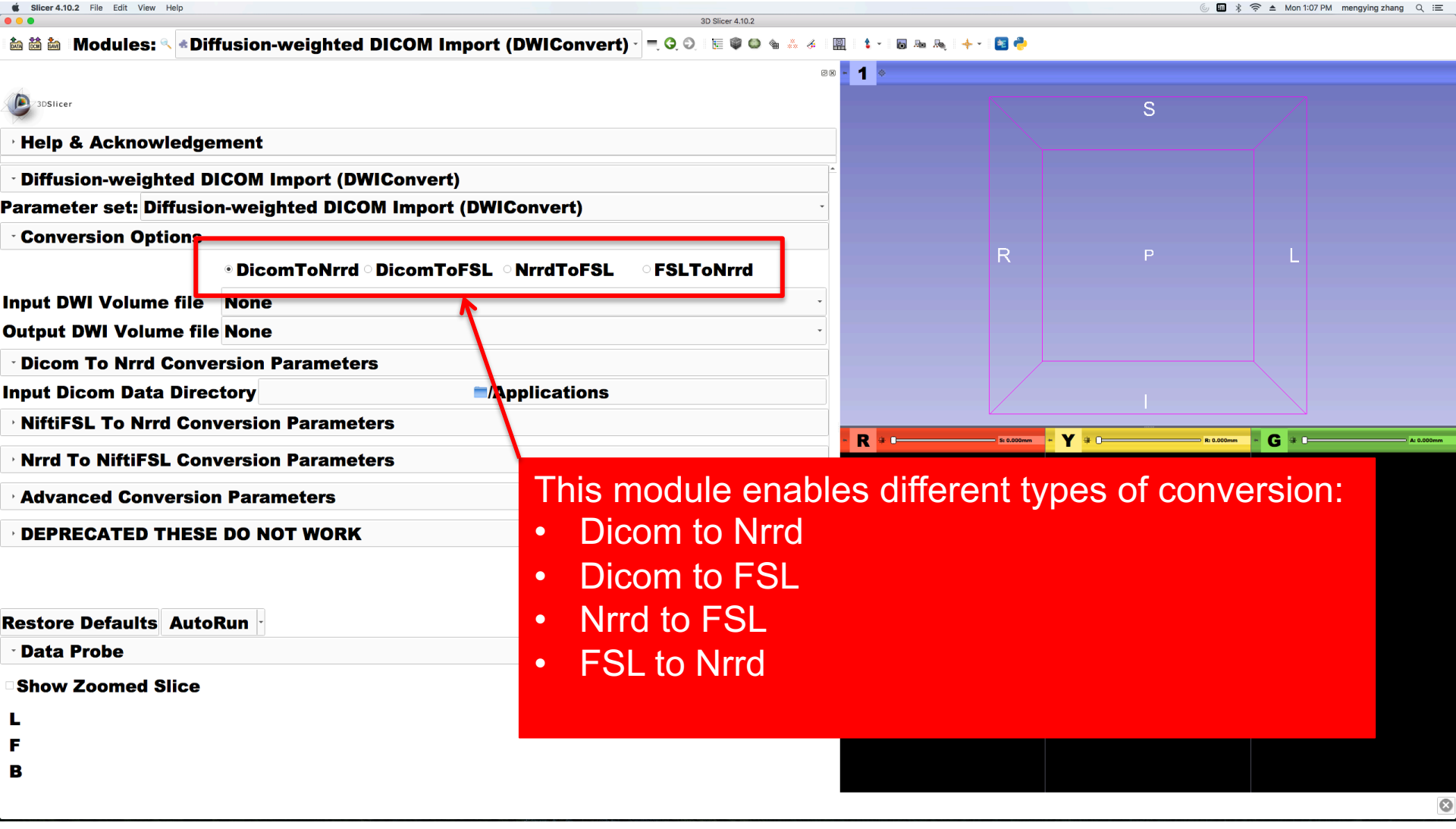
3DSlicer


Slicer 4.10.2 File Edit View Help
Mon 12:34 PM mengying zhang
3D Slicer 4.10.2
Modules: Welcome to Slicer
3DSlicer
Welcome
Load DICOM Data
Load Data
Install Slicer Extensions
Download Sample Data
Customize Slicer
Explore Loaded Data
Feedback
Share your stories with us on the Slicer forum and let us know about how 3D Slicer has enabled your research.
We are always interested in improving 3D Slicer, to tell us about your problem or submit a bug report, open Help -> Report a Bug.
About
Documentation & Tutorials
Acknowledgment
Data Probe
Show Zoomed Slice
L
F
B
1
S
R
P
L
I
R
Y
G

DWI Converter Module



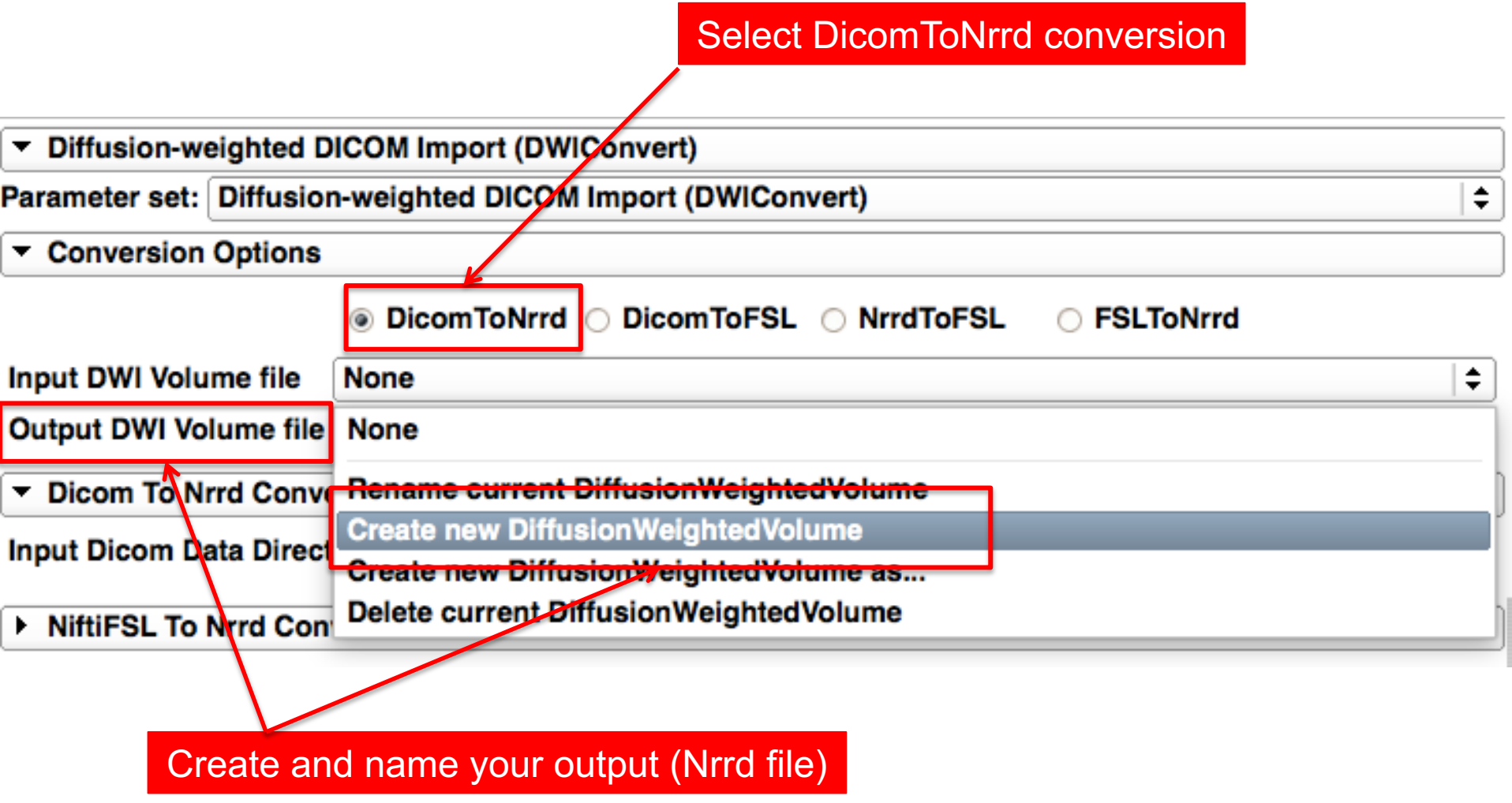
DWI Converter



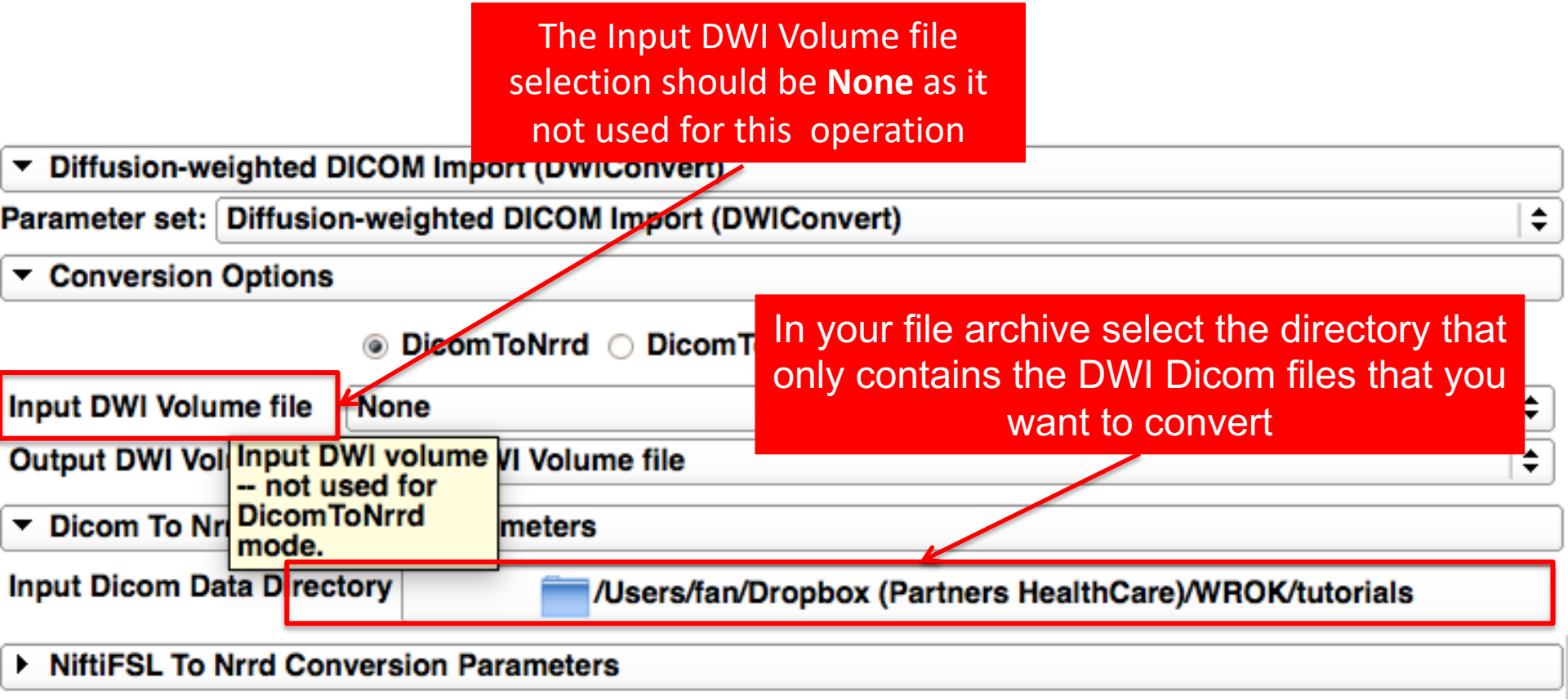
This module enables different types of conversion:

- Dicom to Nrrd
- Dicom to FSL
- Nrrd to FSL
- FSL to Nrrd

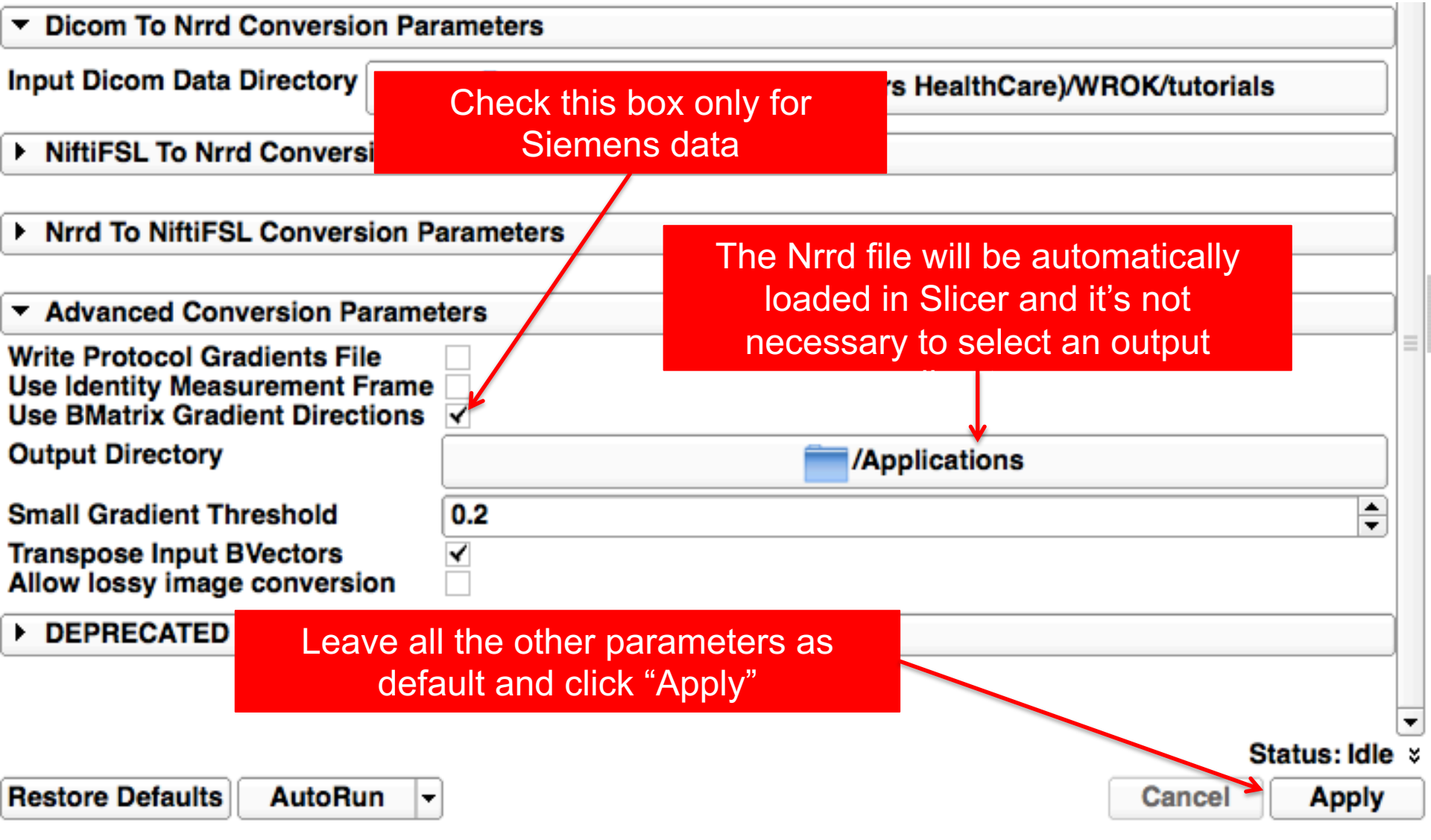
DWI Converter



DWI Converter

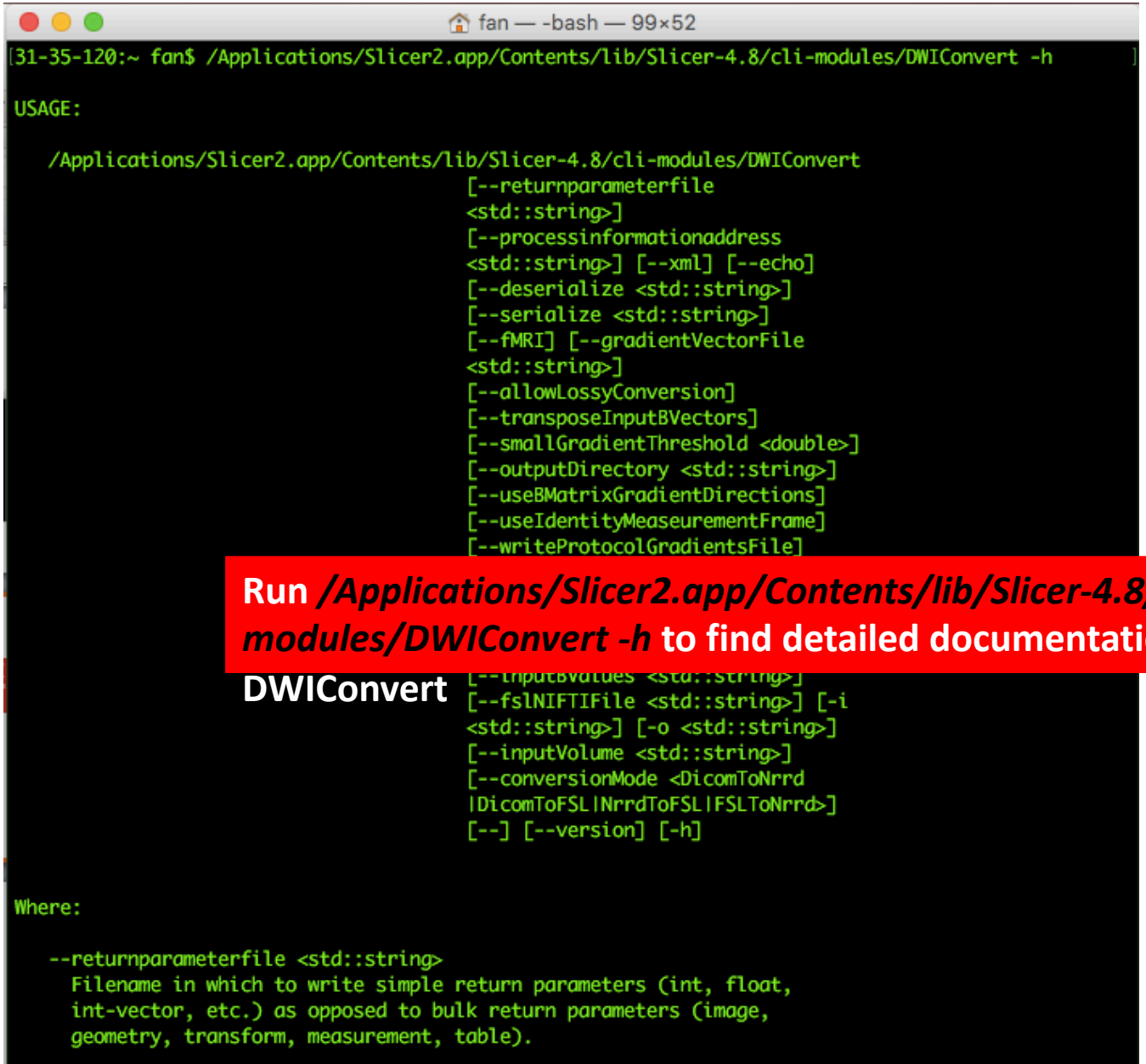


DWI Converter



Using DWI Converter in CLI

Using DWI Converter in CLI



Run *`/Applications/Slicer2.app/Contents/lib/Slicer-4.8/cli-modules/DWIConvert -h`* to find detailed documentation of the usage of DWIConvert

Acknowledgements

- U01CA199459, Open Source Diffusion MRI Technology For Brain Cancer Research

- National Alliance for Medical Image Computing (NA-MIC)
  namic.org

- National Center for Image Guided Therapy (NCIGT)
  ncigt.org

- Neuroimage Analysis Center (NAC)
  nac.spl.harvard.edu

- Surgical Planning laboratory (SPL)
  spl.harvard.edu

- Tutorial updated by
  Mengying Zhang, undergraduate, National University of Singapore