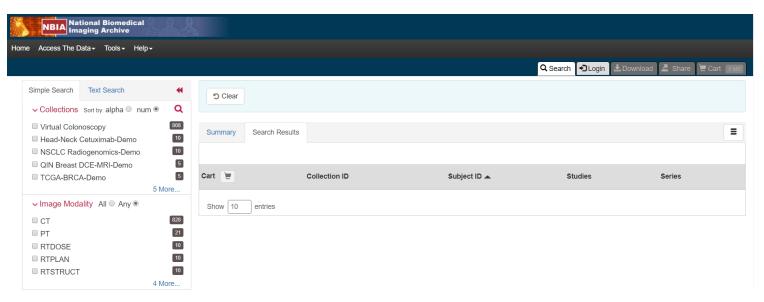# NBIA 7.0 GA Community Version

May 6, 2019

Community Version

- The Community Version allows organizations to utilize the software that runs TCIA for their own needs
  - All TCIA branding is removed
  - Default is the NCI brand
  - Instructions provided to create a custom branded version
  - Generally several TCIA releases are rolled up into a single community release to conserve resources

Improvements

- New Search Interface
- Solr Fielded Search
- NBIA Data Retriever (Previously Download Manager)
- Improved Java Support
- Load Balancing Testing

New Search Interface

- Updated interface using latest tools and standards
- Easily Share Data
  - Manifest Files
  - URLs
- Performance improvements
  - Caching REST interface minimizes server workload and bandwidth requirements
- Standalone Design
  - Can be rapidly updated and deployed without needing server upgrades

NBIA Data Retriever

Mac App Store Preview

Open the Mac App Store to buy and download apps.

NBIA Data Retriever [4+]
A Data Retriever for NBIA/TCIA
Qinyan Pan

Free

- NBIA Download Manager has been replaced by the Data Retriever
  - Standalone installs improve Mac experience, and provide for the retirement of Java Web Start
- Now available at Mac Store
- Install packages for Windows and Linux
- Automated retrying of failed series
- Error report creation for any download issues
- Customizable help desk linkage

Fielded Text Search

- Text Search can search specific fields using Lucene syntax
  - Field:Value
- Can use either DICOM Tag or Name

Improved Java Support

- Prepared for migration to Java 11 as Java 8 support ends
- Upgrade to Jersey 2

Load Balancing

- NBIA has completed load balancing testing using NGINX
- In production at TCIA

More Information

- For more information see the release announcement on the NCI wiki
- https://wiki.nci.nih.gov/display/NBIA/NBIA+7.0+GA+Community+Version+Release+Announcement
- Detailed release notes and a user's guide is available.
- For groups interested in installing NBIA 7.0 GA locally, download the installation file and consult the NBIA Installation Guide. In case of questions, contact the NCI application support team a by email (NCIAppSupport@nih.gov) or phone (+1 240-276-5541 or toll free: +1 888-478-4423)