QIBA-RIC Imaging Data Warehouse (QIDW)

- Katherine Andriole, PhD leading effort
- Supported by RSNA Radiology Informatics Committee (RIC)
- MIDAS-based implementation with contracted support by Kitware, Inc
- Initial testing phase began in 2012
- Storage capacity expanded in 2013

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- **Current status:**
  - Phantom data (DICOM format)
    - Considering additional data formats, e.g., NIfTI
  - Planned expansion to clinical data
    - Deidentification tools implemented for testing (protection of private tag info needed for QI)
    - Data curation options being investigated
  - Both simple and advanced search options implemented (DICOM header tags)
  - Technical Committees were encouraged to utilize QIDW for continued pilot testing and improvements
  - Improved “landing page” to be available soon
Simple search

Advanced Search instructions

- name:attle
- Click here for
- Use these
- Type: ...
- Search:

- text - Tokenized text (the default)
- int - Integers
- long - Long integers
- float - Floating point numbers
- decimal - Decimal precision floating point numbers
- string - Non-standardized string values
- boolean - Boolean values

When searching, the type prefix must match the type that the field was declared as when it was added to the table. The format for searching by a custom metadata field is `query --<operator>--<qualifier>`. For instance, if a user had set a custom metadata field on an item with the type "integer", the checked "DECREASE", the qualifier "mustless", and the value "40", you could search for it using the metadata field as follows:

```
$-40
```