



## xnatpy

Small overview and introduction to xnatpy

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# A different approach to a Python XNAT interface

- Uses the XNAT's REST API
- Tries to model XNAT as native Python classes
- Automatically generates class structures from xnat.xsd
- Limits the XNAT specific knowledge required
  
- See <http://xnat.readthedocs.io>
- The module is functional but still very much in beta state

# XNAT Functionality supported:

- Exploring the archive
- Getting and setting parameters
- Working with custom variables
- Downloading data
- Importing data
- Prearchive exploration and management

# XNAT Functionality not yet supported:

- Object creation
- Searches
- Pipelines/workflows
- Other things not specified on previous slide :-)
  
- Unittesting!