

3: Adding on to XNAT: Modules, Pipelines, and the XNAT Marketplace

Tips for First-time Users

Need to add functionality to your XNAT? There are plenty of pre-built customizations available through the [XNAT Marketplace](#). Here is a quick overview of what you can find there.

Add processing pipelines to XNAT

Processing pipelines are some of the most complex, powerful, and processor-intensive features that you can use in XNAT. Here are some helpful guides to installing, using, and developing them in XNAT.

- [Available Pipelines in the XNAT Marketplace](#)
- [Installing Pipelines in XNAT](#)
- [Pipeline Development Schema](#)

Add UI and Data Modules to XNAT

A module is a catch-all term for custom code and content that is meant to be permanently embedded inside your running XNAT. These can be data types and associated input forms, UI elements, or new embedded functionality. A word of caution: these are not "plugins" that can be swapped in and out without affecting your core system. Here are some guidelines for downloading, installing, or developing your own XNAT module.

- [Available Modules in the XNAT Marketplace](#)
- [Installing and Managing Modules in XNAT](#)
- [XNAT Module Development Guidelines](#)

Add Complementary Tools to your XNAT ecosystem

These applications and scripts stand outside of XNAT, but can provide immense value to your workflow.

- [Available Applications and Scripts in the XNAT Marketplace](#). These apps include the JAAT data migration tool, a module packaging script, and a setup script for managing multiple XNAT instances via Puppet.
- [DICOM Browser](#) is an application developed within the NRG that is an essential tool for browsing and manipulating the multitude of DICOM fields associated with image sessions. A must for anonymization.