XNAT Installation/Deployment
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Audience: System Administrators, Developers
Goals: Explain the resources which are created by the installation procedure and the processes by which these resources are created. We will also review the update and upgrade procedures.

Installation
- Setup: The setup script will build your XNAT deployment and a project directory which you can use for future customizations.
- StoreXML: The StoreXML connects directly to the database and stores parsed XML data.
- Deployment: The deployment location is the staging area for the creation of your webapp.

XNAT File System Explained
- plugin-resources: Contains the content that makes XNAT tick.
- projects: Location for your site specific customizations.
- deployments: Merge of plugin-resources and projects in preparation for deployment to webapp.

Updates
- Re-merges projects and plugin-resources to capture updates in either.
- Deploys modifications to webapp
- Generates update SQL to bring an existing database up to date.
    - Doesn't run automatically
    - Will create missing tables, columns, constraints, and views
    - Only modifies existing columns if they are empty.
    - Should never delete data.
    - Will rollback if SQL fails (DEV)

Upgrades
- Used to update resources in plugin-resources
- Deployed via update script
- Release strategy:
    - 1.4.1: Bug fix release
    - 1.5.0: Feature release
    - 2.0.0: Momentous change

Guides
- Tested Configurations
    - **http://xnat.wikispaces.com/XNAT_tested_configuration**
- Installation Guide
    - **http://xnat.wikispaces.com/XNAT+Installation+Guide**
- Update Guides
    - **http://xnat.wikispaces.com/How+to+Upgrade+XNAT**