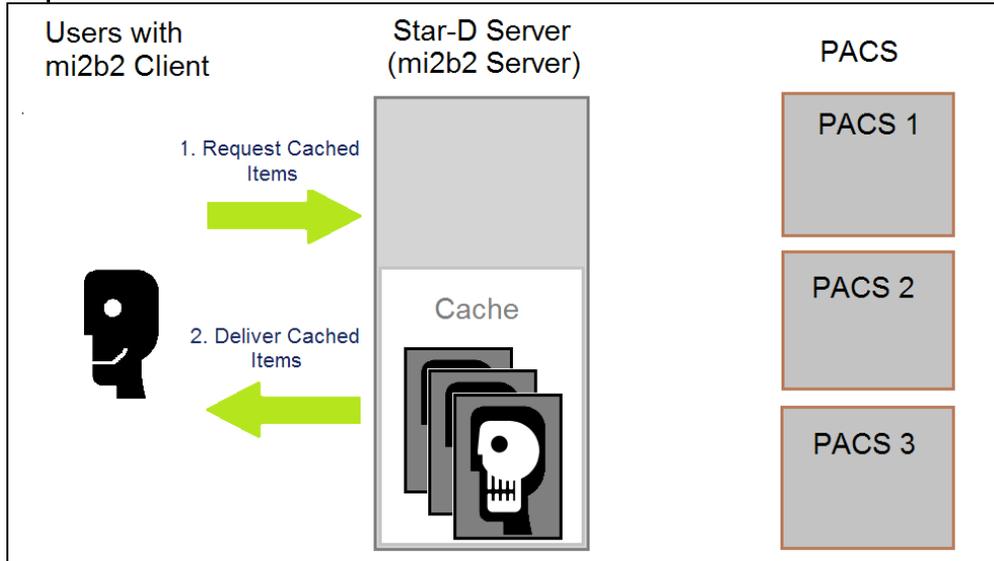


mi2b2 User Documentation - Managing Remote Cache

Overview

Request Cached Items



Completed requests have their corresponding studies stored in the mi2b2 server's repository (cache). Each repository is set up to serve a particular project, and its storage is limited to the project's configuration. When the cache is full, users will no longer be able to transfer in additional studies from PACS. Image Repository (Tab 3) is designed for users to view and manage their project's repository. Users can see the total amount of storage available and how much of the storage has been utilized. Users can also delete cached items to reclaim storage space. Finally, users can download or apply other configured actions to selected studies here ([details](#)).

Repository UI Layout

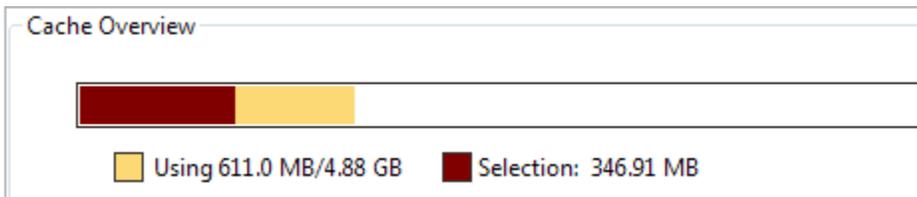
The screenshot shows the 'Image Repository' tab in the i2b2 Workbench. At the top, it displays 'Repository Usage: 0.21%' and 'No Encryption'. Below this, there are navigation tabs: '1. Search for Patients', '2. Search for Studies', '3. Image Repository', '4. View Images', and '5. Request Log'. The main area shows 'Studies in Repository: 2' and a progress bar indicating 'Using 1.03 GB/500.0 GB' and '0.21% Used'. There are buttons for 'Select All', 'Flip Selections', 'Delete Selected from Repository', 'Refresh', and 'Show Filters'. A table lists the following data:

| Accession # | Institution | Department | MRNs | Cached Date | Study Date | Modalities | Size | Last Download... | Last Downloaded Date |
|-------------|-------------|------------|------------|---------------------|---------------------|-------------------------------------|-----------|------------------|----------------------|
| 0 | FPHS | research | FPNETp | 05/18/2012 12:52:00 | 04/25/2006 15:14:15 | Computed Tomography | 79.13 MB | demo | 05/25/2012 16:13:47 |
| 0 | FPHS | research | Ya.adSKT | 05/18/2012 12:47:00 | 08/21/2008 09:02:46 | Computed Radiography | 13.04 MB | demo | 05/23/2012 11:39:44 |
| 9995004 | FPHS | research | MF-0000004 | 05/18/2012 11:42:04 | 12/19/2006 13:45:40 | Magnetic Resonance | 15.11 MB | demo | 05/29/2012 10:40:29 |
| 0003 | FPHS | research | 0003 | 05/17/2012 13:32:23 | 12/19/2006 20:00:59 | Computed Tomography | 82.20 MB | demo | 05/29/2012 10:40:29 |
| 13166272 | FPHS | research | 4 | 05/17/2012 12:57:00 | 01/13/2010 14:50:00 | Ultra Sound | 9.44 KB | demo | 05/23/2012 11:41:26 |
| 11701444 | FPHS | research | 4 | 05/16/2012 16:17:01 | 12/19/2008 07:58:01 | X-Ray Angiography, Ultra Sound, ... | 3.60 MB | demo | 05/23/2012 11:41:55 |
| 0001 | FPHS | research | 0001 | 05/15/2012 17:07:03 | 12/19/2006 10:13:44 | Computed Tomography | 17.73 MB | demo | 05/29/2012 10:17:53 |
| 0002 | FPHS | research | 0002 | 05/15/2012 16:12:25 | 12/19/2006 11:26:36 | Computed Tomography | 100.96 MB | demo | 05/29/2012 10:17:46 |
| 11196522 | FPHS | research | 4 | 05/11/2012 14:22:00 | 05/02/2008 07:12:54 | Magnetic Resonance | 304.71 KB | demo | 05/23/2012 16:36:14 |
| 000003 | FPHS | research | SKULL | 04/30/2012 19:12:01 | 09/11/1997 21:36:15 | Other | 6.12 MB | demo | 05/29/2012 10:17:46 |
| . | FPHS | research | Sample ID | 04/30/2012 18:42:13 | 12/14/2006 09:12:06 | Magnetic Resonance | 34.12 MB | demo | 05/25/2012 16:06:03 |
| . | FPHS | research | case001 | 04/30/2012 18:37:06 | 12/19/2006 10:13:44 | Magnetic Resonance | 19.79 MB | demo | 05/25/2012 16:04:03 |
| anonymiz... | FPHS | research | BU001015 | 04/30/2012 18:32:03 | 10/14/2005 12:52:56 | Magnetic Resonance | 13.77 MB | demo | 05/25/2012 16:04:03 |
| 9995032 | FPHS | research | MF-0000032 | 04/30/2012 18:27:00 | 12/19/2006 12:25:23 | Magnetic Resonance | 31.96 KB | demo | 05/25/2012 16:04:03 |
| 0030 | FPHS | research | 0030 | 04/30/2012 18:22:17 | 12/19/2006 13:53:32 | Computed Tomography | 76.92 MB | demo | 05/25/2012 16:06:21 |
| 9995031 | FPHS | research | MF-0000031 | 04/30/2012 18:17:00 | 12/19/2006 12:25:23 | Magnetic Resonance | 32.01 KB | demo | 05/11/2012 13:39:10 |
| 9995028 | FPHS | research | MF-0000028 | 04/30/2012 18:07:00 | 12/19/2006 12:25:23 | Magnetic Resonance | 32.20 KB | demo | 05/11/2012 14:21:48 |
| 9995010 | FPHS | research | MF-0000010 | 04/30/2012 18:02:02 | 12/19/2006 00:00:10 | Magnetic Resonance | 7.57 MB | demo | 05/18/2012 12:17:55 |
| 9995013 | FPHS | research | MF-0000013 | 04/30/2012 17:57:00 | 12/19/2006 00:00:10 | Magnetic Resonance | 855.69 KB | demo | 05/18/2012 12:32:28 |
| 9995008 | FPHS | research | MF-0000008 | 04/30/2012 17:37:03 | 12/19/2006 00:00:10 | Magnetic Resonance | 10.18 MB | | |
| 0105 | FPHS | research | 0105 | 04/30/2012 17:32:00 | 12/19/2006 11:11:54 | Computed Tomography | 219.93 KB | | |
| 0110 | FPHS | research | 0110 | 04/30/2012 17:27:00 | 12/19/2006 11:25:24 | Computed Tomography | 2.51 MB | demo | 05/08/2012 10:30:56 |
| 9995002 | FPHS | research | MF-0000002 | 04/30/2012 17:22:07 | 12/19/2006 10:51:25 | Magnetic Resonance | 19.64 MB | demo | 05/25/2012 16:05:34 |
| 0010 | FPHS | research | 0010 | 04/30/2012 17:17:09 | 12/19/2006 11:11:54 | Computed Tomography | 35.50 MB | demo | 05/29/2012 10:40:29 |
| 0102 | FPHS | research | 0102 | 04/30/2012 17:12:00 | 12/19/2006 14:03:09 | Computed Tomography | 696.92 KB | demo | 05/14/2012 13:02:37 |
| 0090 | FPHS | research | 0090 | 04/30/2012 17:07:00 | 12/19/2006 08:36:12 | Computed Tomography | 1.96 MB | demo | 05/16/2012 13:07:43 |
| 0020 | FPHS | research | 0020 | 04/30/2012 17:02:38 | 12/19/2006 09:36:45 | Computed Tomography | 147.40 MB | demo | 05/25/2012 15:55:31 |
| 0070 | FPHS | research | 0070 | 04/30/2012 16:57:22 | 12/19/2006 20:35:23 | Computed Tomography | 101.65 MB | demo | 05/29/2012 10:40:47 |

At the bottom of the window, there are buttons for 'Choose a Request Type...' and 'Execute Requests'.

The upper part of the screen is a bar indicating the total space and the used space in the cache. The lower part of the screen shows the information of all cached studies in the cache. The information include study identifiers (AN, Institution, Department, and MRN), study attributes (Study Date, Modalities, and Size), and download history (Last Download by, Last Downloaded Date). Users may select one or more studies to delete, download, or execute other configured actions.

1. (Cache Overview) This visualization shows the total and used storage space in the cache. When cached items are selected in the table (4), the sum of their file sizes will be displayed in dark red in the same visualization:

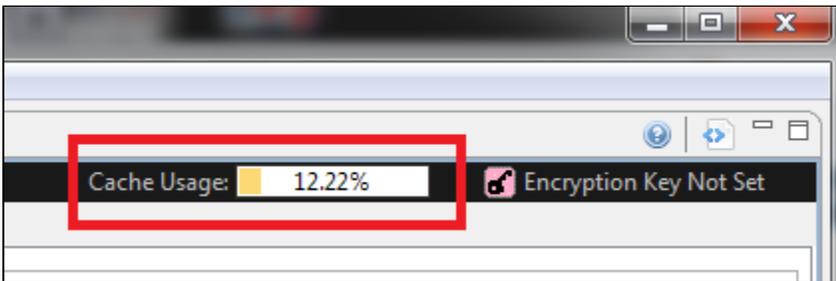


2. (Selection Buttons) Use these buttons, users can "Select All" cached items, or "Flip Selection".

3. (Managing Table Content) Users can "Refresh" the table by asking the mi2b2 server to return the latest information on cached items. Users can also toggle the "Show Filters" button to bring forth filter controls.

4. (Repository Content) This table shows the list of all Repository items on the i2m2 server. Users can choose desired ones to delete or download. Deleted studies can only be recovered from re-requesting it from PACS).

Users can conveniently view the current Repository usage by looking at the quick link on the top right portion of the interface. However, the Repository usage data is only updated at the start of the client and whenever this tab is accessed. Clicking on the Repository usage quick link will take users to this tab.



Last Page (Downloading and Viewing Studies)

1. [Quick Start](#)
2. [Searching for and Requesting DICOM Studies](#)
3. [Downloading and Viewing Studies](#)
4. [Managing Remote Cache](#)
5. [Sorting and Filtering](#)
6. [Encryption](#)
7. [Frequently Asked Questions \(FAQs\)](#)

Next Page (Sorting and Filtering)