Special Instruction

Purple Dragons FHIR APP

Selecting a client

- To begin using the example interface, first select a client from which you wish to pull resources from the provided drop down list. Only one client may be processed at a time.

Inputting Resource IDs

- For each resource, input a comma delimited list of ID numbers that you wish to pull. (e.g. "1,2,3").

- Each resource must be individually listed. Multiple IDs can be provided with multiple resources in a single run. (e.g. A single request can include Observations "4, 5, 6" and Conditions "2, 3, 7")
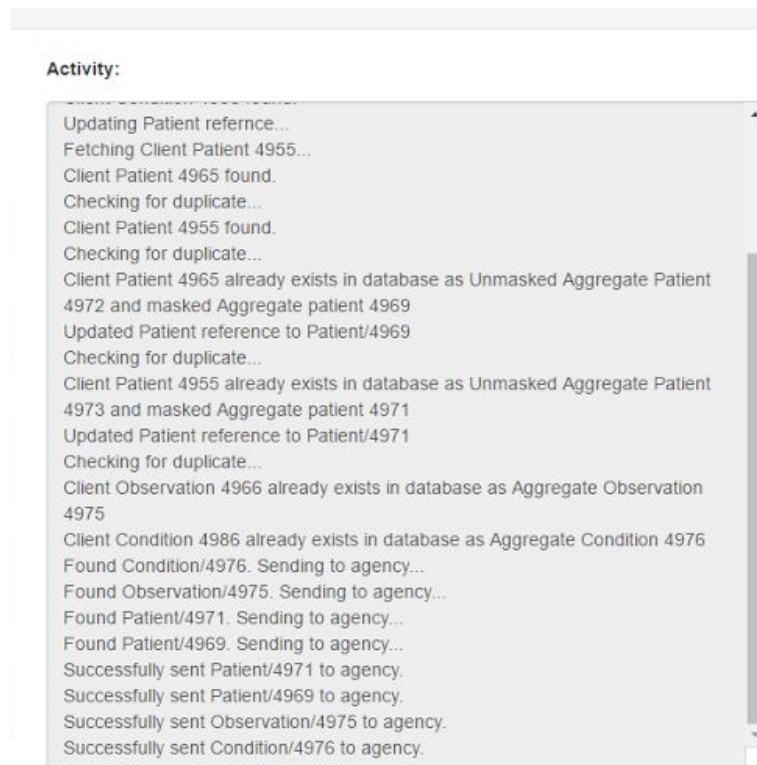
Begin Processing Resources

- Once all the resources you wish to pull are listed, click the process button.

Activity Log

- The Activity log can be seen on the right side of the page. This is where details of what the app is doing will be displayed. This is only for the purpose of clarity in the demonstration.

Other Tips

- Check the Client FHIR servers for resources before trying to send data. This helps to make sure you are providing the correct resource IDs for the correct resource from the selected client.

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- The log can be a bit confusing at times because the processes happen asynchronously, making it hard to follow when running multiple resources together. Log for the original client ID to help track your messages, and later in the process the new resource IDs.

Purple Dragons FHIR Servers

- # Uploading Bundle Resources to the FHIR Server.
  - o After installation the FHIR server does not have any Resources.
  - o We choose to work with four Resources:
    - → Patient
    - → Condition
    - → Observation
    - → MedicationOrder
  - o These Resources were added manually by uploading xml transaction bundle scripts into each of the servers.
  - o Sample xml script to load Patient, Condition and Observation can be found at:
    - → ~/Final Project/Final Application/Application/Fhir-Resources/patient data bundle.xml

  - o To load this Resource bundle, locate the empty 'Bundle' input box on the main page of the FHIR Server.
  - o Copy the contents of ~/patient data bundle.xml to clipboard.
  - o Then past them into the Bundle input box
  - o Click on 'Transaction' to post the Resources into the FHIR Server.

- # Uploading Individual Resources to the FHIR Server.
  - o Patient, Condition, Observation or MedicationOrder can be individually added to the server.

- To do this, client on the Resource you want to add e.g. Patient on the FHIR Server.
- Click on 'CRUD Operations'
- Locate the section 'Create' an enter the unique ID of the patient record that you want to enter.
- To create patient with ID 1000 call HELEN P PAUL, copy and paste into the Create input box, the scripts located at:
  - ➔ ~/Final Project/Final Application/Application/Fhir-Resources/patient record.xml

- Then click on 'Create' to create the record.