

Every immunization provider must have at least one import profile, and some providers have multiple profiles for each system they integrate. The **User Profile Link** provides that integration. Certain message data fields are expected to contain coded values, which are values defined by a standard code table. **Code Value** mapping and handling procedures are components of import profiles. The **Profiles & Batches** link allows you to view a list of previously imported batches. Finally, the **Realtime Interface** and **File Upload** pages allow you to upload one message or a batch of messages.

### User Profile Link

The User Import Profile page provides an interface for assigning a default import profile when the import profile ID is not supplied in the HTTPS POST parameters. Of note:

- If an import profile ID is supplied in the POST, it is used over all other configurations
- If no import profile ID is supplied in the POST, but a user profile link exists for that user, the mapped import profile ID is used
- If no import profile ID is supplied in the POST and there is no user profile link that exists for that user, the first enabled import profile defined for the organization is used

To link an organizational user to an import profile:

1. Log in to PHC Hub and click the **Import Profiles > User Profile Link** menu link.
2. Select an import profile from the Select Import Profile drop-down list (in the Import Profile column on the far right).
3. Click **Save**.

User Name	Real Name	Import Profile
MIDVHHL7	MID VALLEY HOSPITAL HL7 INHS	1985 McValleyHospitalHL7
MIDVALLEYHL7	HL7 INTERFACE	1844 MVMedGpHL7

### Code Values

Code values are organized into tables. Selecting a code table displays all values that have ever been received by a profile, whether or not the value was recognized. Of note:

- Code values that are recognized as standard values are automatically mapped to the correct value
- If the value is unrecognized or invalid, the profile can be configured to reject the record or ignore the issue.
- All values, including unrecognized values, can be configured as invalid.

To view the code values:

1. Select an import profile (**Import Profiles > Select Import Profile**).
2. Click the **Import Profiles > Code Values** menu link.

Code Value Tables		Print Preview
Name	Value	Unknown Value
1	Address Type	M
2	Anatomical Route	
3	Anatomical Site	U
4	CPT Vaccine Code	
5	CVX Vaccine Code	999
6	Contraindication and Presumed Immunity	U
7	Country	U
8	Country	U
9	Facility Id	

3. Display the code value details for a code value by clicking on the row. Here you can map values, add new values, and activate/inactivate values.

Add New Code Value Received		Add
New Received Value	New Received Label	
OT		

Show hidden values (reloads this page)

Code Values					Print Preview
Received Value	Received Label	Code Value Mapped To	Status		
1	ID	ID	Active		
2	BM	BM	Active		
3	OT		Unrecognized		

08/29/2016 3:37:52 PM End of Report

4. To add a new value, type the value in the New Received Value field and click **Add**. Next, select the new value in the Code Values list, select the value to map the new received value to from the Code Value drop-down list, select **Active** from the Value Status drop-down list, and then click **Save**. Data with the mapped value that was imported in the past, and data imported in the future, are now populated properly in the table.

**NOTE:** PHC Hub always respects IWeb's settings over its own code value mappings. When IWeb's Define Lookup settings and PHC Hub's Code Value settings disagree, the values established in IWeb supersede the PHC Hub code values. For Race and Ethnicity codes, ensure all values are created in IWeb's **Define Values > Define Lookups**.

## Profile & Batches

To view and export import profiles, and to view previously imported batches:

1. Select an import profile (**Import Profiles > Select Import Profile**).
2. Click the **Import Profiles > Profile & Batches** menu link.
3. In the Import Batches section of the page is a list of previously imported batches. Click a batch in the list to view the import log for that batch.

Import Profile				
Name	Linda's test Profile			
Type	HL7			
Profile ID	242			
Provider	LINDA'S TEST ORGANIZATION			
Status	Enabled			

  

Import Batches				
%	Date	Messages in Batch	Messages With Errors	User
1	02/16/2015 10:56:49 AM	4	4	INDIA
2	02/16/2015 10:56:59 AM	2	2	INDIA
3	02/16/2015 8:57:40 AM	4	4	INDIA

Import Log						
Date	02/16/2015 7:20:58 AM					
Status	Warnings					
Import Text						
<pre>MSH ^~\&amp; EPIC^SISCLIENT818^LINDAS TEST ORGANIZATION   UXU^V04^UXU_V04 225 P12.5.1   AL  PID   1846745^MR^  DOE^JOHN^C^JR^^L SMITH 20140515 M SMITH^JOHN 2106-3^WHITE^HL70005 115 MAIN STREET^GOODTOWN^KY^42010^USA^L^0101^PRN^PH^270^6099800  EN^ENGLISH^HL702961     2186-5^NOT HISPANIC OR LATINO^HL70012     N  PD1   LINDAS TEST ORGANIZATION^SISCLIENT818^*****MR     02^Reminder/recall-any method^HL70215     A^Active^HL70441 20150202^20150202 NK1  DOE^MARK^MR^MOTHER^HL70063  PV1  R         V02^20150202  ORC RE  9645^SISCLIENT001     2015020211146 2001^HARVEY^MARVIN^K  RXA O I 20150202 20150202 20^DTAP^C^VX^90700^DTAP^C^T 5 ML^mL^ISO+ 100^New immunization record^NIP001 JONES^MARK^*****SISCLIENT818    A7894-2 20161115 BMC^BANOFF^PASTEUR^MVX    A RMB I^D^INTRADERMAL^HL70162 RD^LEFT DELTOID^HL70163 ORX  I^C^16484-7^VACCINE FINDING PROGRAM ELIGIBILITY CATEGORY^N   </pre>						
Response Message						
<pre>MSH ^~\&amp; EPIC^SISCLIENT818^LINDAS TEST ORGANIZATION   UXU^V04^UXU_V04 225 P12.5.1   AL  PID   1846745^MR^  DOE^JOHN^C^JR^^L SMITH 20140515 M SMITH^JOHN 2106-3^WHITE^HL70005 115 MAIN STREET^GOODTOWN^KY^42010^USA^L^0101^PRN^PH^270^6099800  EN^ENGLISH^HL702961     2186-5^NOT HISPANIC OR LATINO^HL70012     N  PD1   LINDAS TEST ORGANIZATION^SISCLIENT818^*****MR     02^Reminder/recall-any method^HL70215     A^Active^HL70441 20150202^20150202 NK1  DOE^MARK^MR^MOTHER^HL70063  PV1  R         V02^20150202  ORC RE  9645^SISCLIENT001     2015020211146 2001^HARVEY^MARVIN^K  RXA O I 20150202 20150202 20^DTAP^C^VX^90700^DTAP^C^T 5 ML^mL^ISO+ 100^New immunization record^NIP001 JONES^MARK^*****SISCLIENT818    A7894-2 20161115 BMC^BANOFF^PASTEUR^MVX    A RMB I^D^INTRADERMAL^HL70162 RD^LEFT DELTOID^HL70163 ORX  I^C^16484-7^VACCINE FINDING PROGRAM ELIGIBILITY CATEGORY^N   </pre>						
Import Issues						
%	Import Log ID	Field	Issue	Field Value	Response Action	Details
1	3762	vb barcode	missing		I	vb barcode is missing
2	3762	vaccination person that vaccinated id	unrecognized	JONES	I	vaccination person that vaccinated id is unrecognized
3	3762	vaccination kit	unrecognized	A7094-2	W	vaccination kit is unrecognized
4	3762	vaccination id	missing		W	vaccination id is missing
5	3762	vaccination date	more than 30 days ago	12/15/2014	W	vaccination date is more than 30 days ago
6	3762	patient medicated number	missing		I	patient medicated number is missing

## Realtime Interface

There are two ways to upload one message or a batch of messages: Realtime Interface and File Upload.

To upload a message using the Realtime Interface, first select an import profile (**Import Profiles > Select Import Profile**) and then click the **Import Profiles > Realtime Interface** menu link. Next, paste the message(s) and click **Submit**.

**PHC-Hub HL7 Realtime Interface**

This public service will accept HL7 data as part of a POST request and return an appropriate response.

**HTTP POST Parameters**

- USERID
- PASSWORD
- FACILITY (optional)
- MESSAGEIDATA
- PROFILEID (optional)

**HTTP POST Response**

- HL7 Message

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**Realtime Interface**

User ID:

Password:

Facility:

Export PreReserve:

Profile ID:

Message

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MSH|^~\&|EPIC^SISCLIENT818^LINDAS TEST ORGANIZATION|||UXU^V04^UXU_V04|225|P12.5.1|||AL|
PID|||1846745^MR^||DOE^JOHN^C^JR^^L SMITH|20140515|M|SMITH^JOHN|2106-3^WHITE^HL70005|115 MAIN
STREET^GOODTOWN^KY^42010^USA^L^0101^PRN^PH^270^6099800||EN^ENGLISH^HL702961|||||2186-5^NOT
HISPANIC OR LATINO^HL70012|||||N|
PD1|||LINDAS TEST ORGANIZATION^SISCLIENT818^*****MR|||||02^Reminder/recall-any
method^HL70215|||||A^Active^HL70441|20150202^20150202
NK1||DOE^MARK^MR^MOTHER^HL70063|
PV1||R|||||||||V02^20150202|
ORC|RE||9645^SISCLIENT001|||||2015020211146|2001^HARVEY^MARVIN^K|
RXA|O|I|20150202|20150202|20^DTAP^C^VX^90700^DTAP^C^T|5 ML^mL^ISO+|100^New immunization
record^NIP001|JONES^MARK^*****SISCLIENT818||||A7894-2|20161115|BMC^BANOFF^PASTEUR^MVX||||A
RMB|I^D^INTRADERMAL^HL70162|RD^LEFT DELTOID^HL70163
ORX||I^C^16484-7^VACCINE FINDING PROGRAM ELIGIBILITY CATEGORY^N|||
```

A response message appears:

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MSH|^~\&|EPIC^SISCLIENT818^LINDAS TEST ORGANIZATION|||UXU^V04^UXU_V04|225|P12.5.1|||AL|
PID|||1846745^MR^||DOE^JOHN^C^JR^^L SMITH|20140515|M|SMITH^JOHN|2106-3^WHITE^HL70005|115 MAIN
STREET^GOODTOWN^KY^42010^USA^L^0101^PRN^PH^270^6099800||EN^ENGLISH^HL702961|||||2186-5^NOT
HISPANIC OR LATINO^HL70012|||||N|
PD1|||LINDAS TEST ORGANIZATION^SISCLIENT818^*****MR|||||02^Reminder/recall-any
method^HL70215|||||A^Active^HL70441|20150202^20150202
NK1||DOE^MARK^MR^MOTHER^HL70063|
PV1||R|||||||||V02^20150202|
ORC|RE||9645^SISCLIENT001|||||2015020211146|2001^HARVEY^MARVIN^K|
RXA|O|I|20150202|20150202|20^DTAP^C^VX^90700^DTAP^C^T|5 ML^mL^ISO+|100^New immunization
record^NIP001|JONES^MARK^*****SISCLIENT818||||A7894-2|20161115|BMC^BANOFF^PASTEUR^MVX||||A
RMB|I^D^INTRADERMAL^HL70162|RD^LEFT DELTOID^HL70163
ORX||I^C^16484-7^VACCINE FINDING PROGRAM ELIGIBILITY CATEGORY^N|||
```

## File Upload

To upload a batch file, click the **Import Profiles > File Upload** menu link, browse for the file, and click **Upload Now**.

**Upload Batch File**

File:  No file selected.

A *Processing Completed* message appears in the output when it is finished.