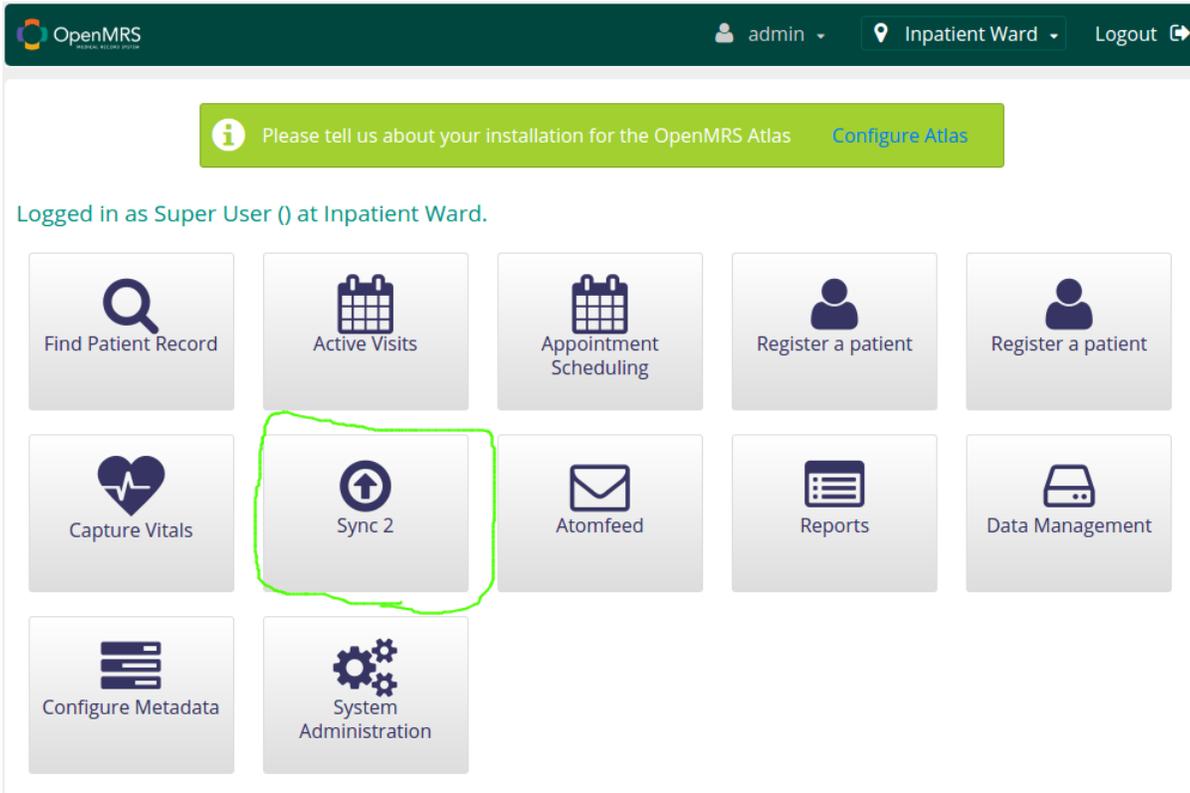
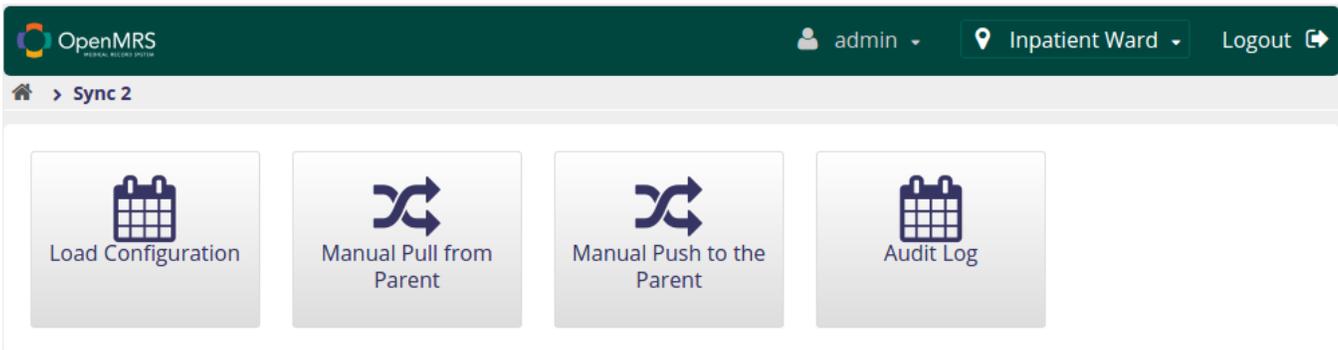


Sync 2.0 user manual

Sync 2.0 is an OpenMRS module accessible at the Home Page



When clicking Sync 2 you are provided with access to Sync2 functionalities



The "Load Configuration" functionality is where you store the configuration for the Sync Module

It can be loaded from a file or edited directly in the application

OpenMRS admin Inpatient Ward Logout

Sync 2 Load Configuration

Load Configuration

Choose file with configuration

Wybierz plik Nie wybrano pliku

Import

Sync config json (required)

```
{
  "general": {
    "parentFeedLocation": "https://sync1.openmrs.org/openmrs",
    "localFeedLocation": "https://sync1.openmrs.org/openmrs",
    "localInstanceId": "sync2",
    "persistSuccessAudit": true,
    "persistFailureAudit": true,
    "clients": {}
  },
  "push": {
    "enabled": true,
    "schedule": 30,
    "classes": [ {
      "classTitle": "Location",
      "category": "location",

```

Cancel Save

More detailed info on how the configuration works can be found in [Sync 2.0 configuration variables](#) page.

Before running Sync module, it is important to configure as well the AtomFeed module:

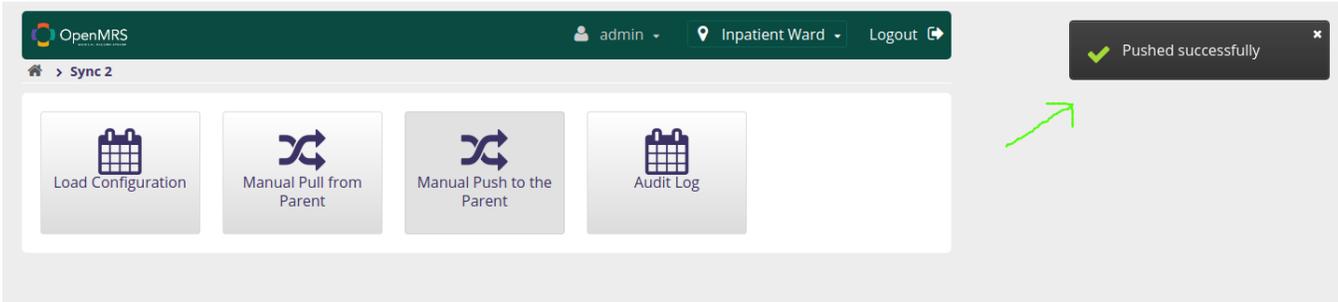
OpenMRS admin Inpatient Ward Logout

Logged in as Super User () at Inpatient Ward.

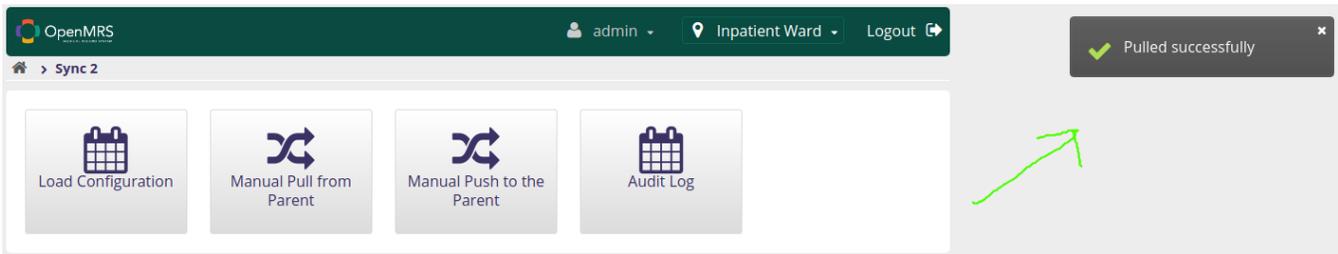
Find Patient Record	Active Visits	Appointment Scheduling	Register a patient	Register a patient
Capture Vitals	Sync 2	Atomfeed	Reports	Data Management
Configure Metadata	System Administration			

Details about the Atomfeed module can be found here: [Atomfeed for Sync 2.0](#)

When performing "Manual Push to the Parent" on a Child server, all the changes done on the server are being "pushed" to Parent Server. If the push is successful, you should see



This means that all the changes applied on the Child server should be now on the Parent server as well. Analogously when performing "Manual Pull from Parent" on a Child Server, all the changes done on the Parent Server are being "pulled" to the Child Server



When the pull is successful, all the changes applied on the Parent should be present also on the Child Server. Pulling and pushing can be configured to be performed automatically by setting "enabled" property to true in "push" or "pull" json entities. The synchronization interval (in seconds) can be set in "schedule" property

The synchronization can be performed automatically when setting sync.push.enabled/ sync.pull.enabled properties in Load Configuration to true and in .schedule set the synchronization interval accordingly

```
"pull" : {  
  "enabled" : true,  
  "schedule" : 30,  
  "whitelist" : {  
    "enabled" : true,  
    "instancelds" : [ "sync2" ]  
  }  
}
```

```
"push" : {  
  "enabled" : true,  
  "schedule" : 30,  
  "whitelist" : {  
    "enabled" : true,  
    "instancelds" : [ "sync2" ]  
  }  
}
```

The parent server also has possibility to decide, which children are allowed to push data to it/pull data from it. This is done using the sync.whitelist property

```
"whitelist" : {  
  "enabled" : true,  
  "instancelds" : [ "sync2" ]  
}
```

The "instancelds" parameter contains all the ids of instances that are allowed to perform synchronizing operations with the current parent server. Empty value means that all children are allowed to synchronize

OpenMRS Sync 2.0 synchronization also allows to solve conflicts that may occur during multiple changes on many instances. Depending on the setting of "sync2.mergeBehaviour" settings, conflicts can be solved in two ways:

1. When set to: "sync2.newIsTheBestMergeBehaviour", newer changes are automatically integrated
2. When set to: ""sync2.restrictConflictMergeBehaviour", user manually decides which changes are integrated