

Drawing and Document Annotation Module

Implementor's Guide

Abhijit Parate

Advisor

Dr. Barry Levine

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Drawing & Document Annotation Module

Overview

This document provides details regarding the implementation of module.

Requirement

- Java: JDK 1.7+
- OpenMRS Version 2.0.5+

Note: OpenMRS 1.9x is not yet supported.

Compatibility

Browsers:

- Google Chrome
- FireFox
- Microsoft Internet Explorer

Installation

Module has standard installation process just like any other OpenMRS modules. Installation can be performed through admin dashboard by uploading the .omod file in the OpenMRS system with. (User might need to have admin privileges to perform this action).

Another method is, dropping the .omod file of the module into the

<openmrs application directory>/modules

folder and restart openmrs. (The application directory is either *<tomcat home>/OpenMRS* or *<tomcat home>/application data/openmrs*).

The standard location for .omod file is

<OpenMRS installation dir>\modules

The class and resource files are exploded into

<OpenMRS installation dir>\tmp\openmrs\WEB-INF\view\module

Configuration

No configuration is required to be performed by user/admin.

All the required configurations are performed during the installation of the module automatically. The standard location for .omod file is

<OpenMRS installation dir>\modules

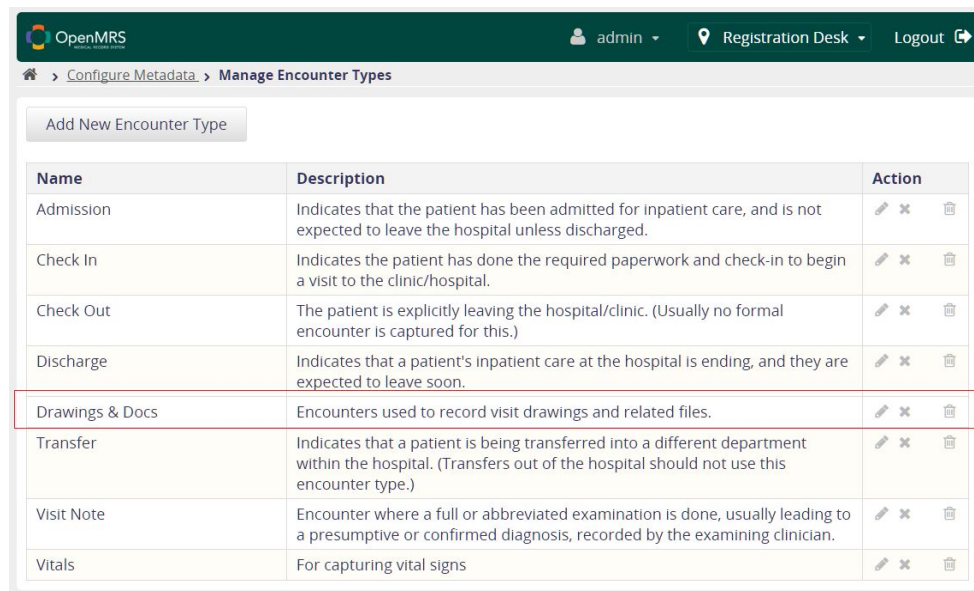
The class and resource files are exploded into

<OpenMRS installation dir>\tmp\openmrs\WEB-INF\view\module

Global Properties created by module are:

- **docsanddrawing.conceptComplexUuidList**
 - List of all the concept UUIDs created by module that are used in queries for viewing documents.
- **docsanddrawing.encounterTypeUuid**
 - Encounter Type UUID created by module used to save observations created by module.
- **docsanddrawing.conceptComplexUuidMap**
 - Mapping between content type and concept complex UUIDs. This is used for saving files based on their MIME type.

Module creates an encounter type “Drawing and Docs”



Name	Description	Action
Admission	Indicates that the patient has been admitted for inpatient care, and is not expected to leave the hospital unless discharged.	edit delete trash
Check In	Indicates the patient has done the required paperwork and check-in to begin a visit to the clinic/hospital.	edit delete trash
Check Out	The patient is explicitly leaving the hospital/clinic. (Usually no formal encounter is captured for this.)	edit delete trash
Discharge	Indicates that a patient's inpatient care at the hospital is ending, and they are expected to leave soon.	edit delete trash
Drawings & Docs	Encounters used to record visit drawings and related files.	edit delete trash
Transfer	Indicates that a patient is being transferred into a different department within the hospital. (Transfers out of the hospital should not use this encounter type.)	edit delete trash
Visit Note	Encounter where a full or abbreviated examination is done, usually leading to a presumptive or confirmed diagnosis, recorded by the examining clinician.	edit delete trash
Vitals	For capturing vital signs	edit delete trash

Fig 1 Encounter Types

and adds several concepts to the concept dictionary. All the concept are of 'Complex' data-type and belong to class 'Question'.

OpenMRS Currently logged in as Super User | [Log out](#) | [My Profile](#) | [Help](#)

[Home](#) | [Find/Create Patient](#) | [Dictionary](#) | [Cohort Builder](#) | [Reporting](#) | [Appointments](#) | [Administration](#)

Concept Dictionary Maintenance

[Download the concept dictionary](#) in CSV format -- (dynamically creates a CSV file containing current dictionary terms/concepts)

[Add new Concept](#)

Find Concept(s)

Find a concept by typing in its name or Id: Include Retired Show Viewing results for 'Drawing' - 1 page

Details

- Drawing and Document Annotation Module FILE
- Drawing and Document Annotation Module NOTE
- Drawing and Document Annotation Module VIDEO
- Drawing and Document Annotation Module IMAGE
- Drawing and Document Annotation Module SVG
- Drawing and Document Annotation Module AUDIO

Showing 1 to 6 of 6 entries

Show entries

Fig 2 Concept Dictionary

The name and description for these concepts can be modified from administration dashboard or configure metadata page by editing each concept. Following screenshot is from configure metadata page.

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[Home](#) | [Find/Create Patient](#) | [Dictionary](#) | [Cohort Builder](#) | [Reporting](#) | [Appointments](#) | [Administration](#)

Viewing Concept Drawing and Document Annotation Module IMAGE

[Previous](#) | [Edit](#) | [Stats](#) | [Next](#) | [New](#)

Id	163147	Resources
UUID	51187bc6-f41d-11e6-bc64-92361f002671	
Locale	English Spanish French Italian Portuguese	Similar Concepts Merriam Webster® Google™ UpToDate® Dictionary.com® Lab Tests Online Wikipedia
Fully Specified Name	Drawing and Document Annotation Module IMAGE	
Synonyms		
Search Terms		
Short Name		
Description	Concept complex for IMAGE complex obs.	
Class	Question	
Datatype	Complex	
Mappings		
Handler	DrawingAndDocObsHandler	
Version		Concept Usage
Created By	Super User - 26 March 2017 22:43:00 PDT	
Changed By	Super User - 27 March 2017 14:52:16 PDT	

Obs for this concept: 4

Fig 3 Concept details

Module

Once the module is installed, to create a new encounter using drawing module an 'Add Drawing' link is available in current actions panel of patient's dashboard. The link is available only for the active visits.



Fig 4 Active visit action panel

On click of 'Add Drawing' link, user is directed to Add Drawing page. Add drawing page has editor. (shown in the screenshot below)

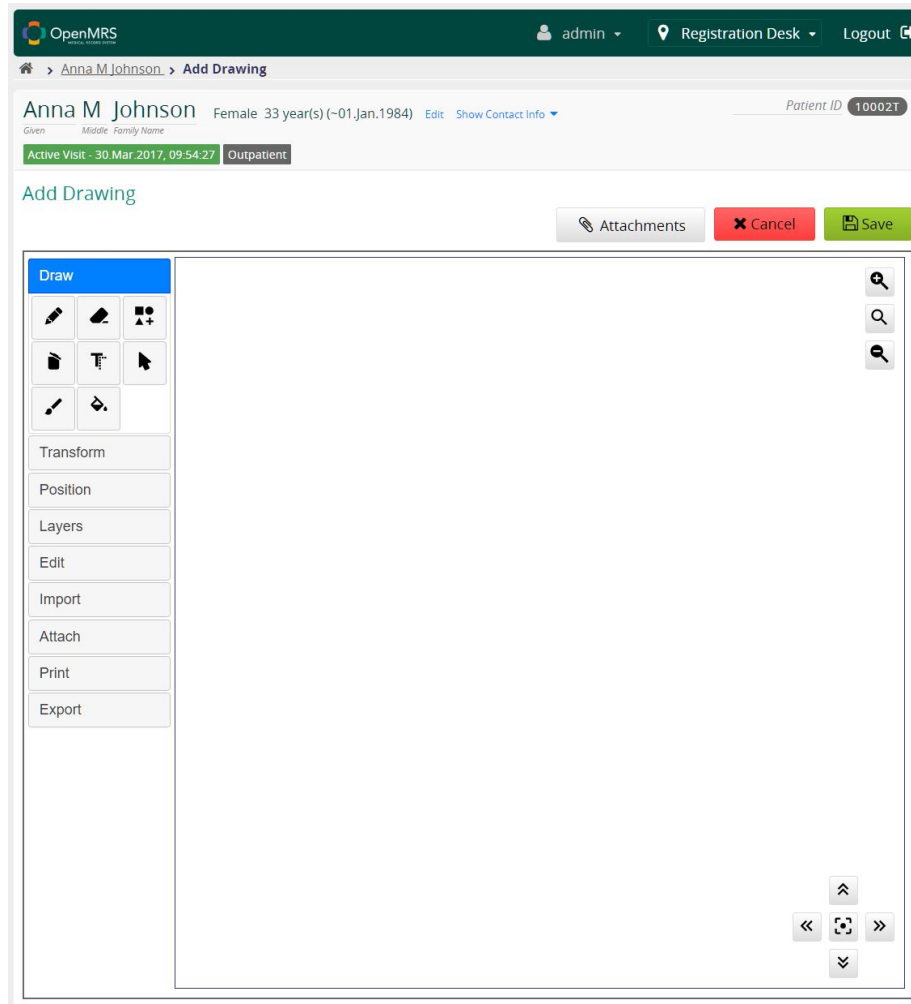


Fig 5 Drawing Editor

For details regarding how to use the module, please refer User's Guide.

Manage Templates

To upload new templates, a link is provided in the System Administration page.

Docs and Drawing Module [Manage Templates](#)

Admins can add new templates to the editor, which are available immediately for the users.

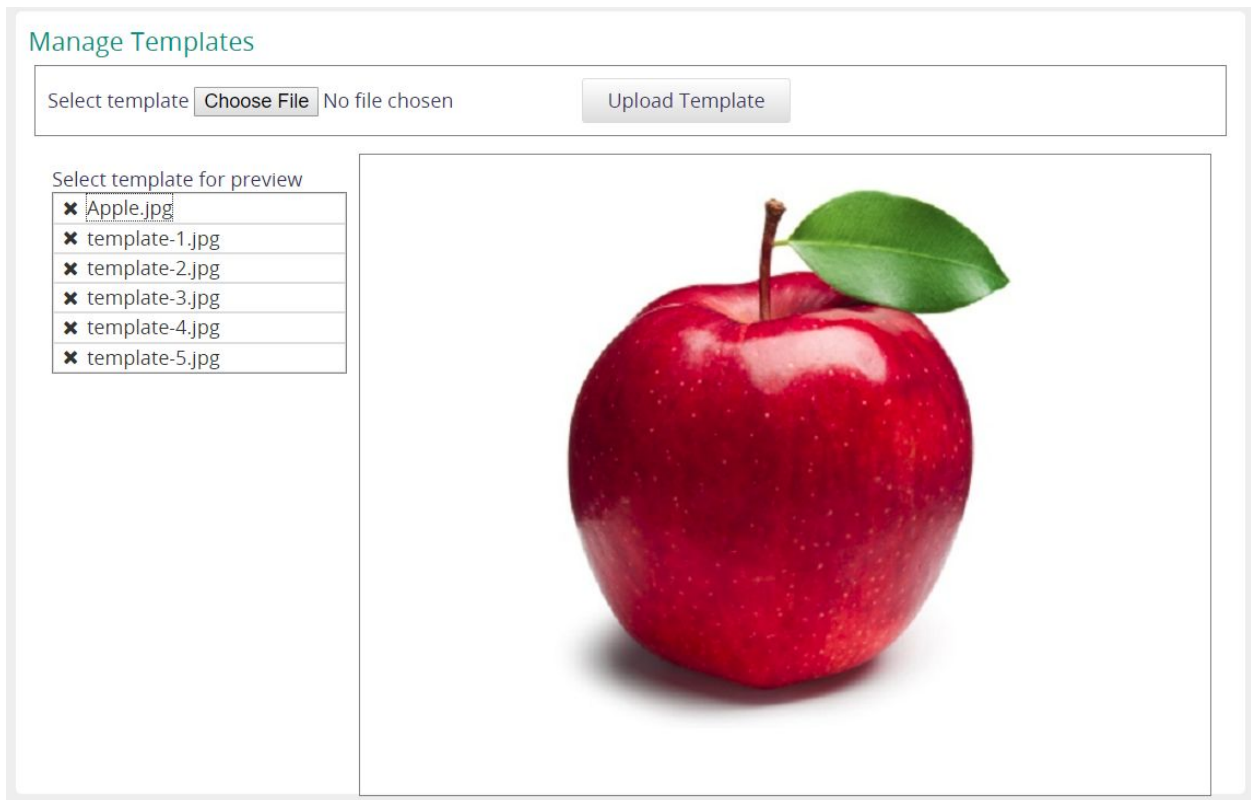



Fig 6 Manage Templates

To upload new template select a image file and select upload. The new template will be available in the list of templates on the left. To preview the templates, select the templates from

the list. The templates can be deleted using  icon.