

3.x Address Hierarchy Widget

Current State Resources

Backend support and metadata upload support already exist. This feature has been very widely used in existing OMRS implementations around the world.

- **Backend:** Backend support is provided via the Address Hierarchy Module: <https://addons.openmrs.org/show/org.openmrs.module.addresshierarchy>
 - Documentation on the Address Hierarchy Module: [Address Hierarchy Module](#)
- **Metadata** - need both the Address Hierarchy Module and Initializer installed; then follow csv conventions.
 - Add the metadata you want at:
 - configuration/addresshierarchy/
- O3 Background: Many orgs have wanted Address Hierarchy support for the 3.x Frontend, but it has not yet been built by anyone.
 - it should already be possible to embed (and hook to the form submission workflow) anything with custom controls. See:

O3-968 - Custom components for AMPATH Forms. DONE

 - Previous O3 ticket/discussion about Address Hierarchy:

O3-328 - Support Address Hierarchy TODO

Key Points

Template to set up

Give this to AH module

RefApp should have a baseline template to work with, that other orgs can customize and add stuff to. So, **what should the baseline template be?** TODO

How it is configured in RefApp TODO

Visuals to know

	Current State in SmartCare-Ethiopia:	Current State in RefApp 2.x: (PIH-Hai)
Create:	<div style="border: 1px solid #ccc; padding: 5px;"> <p>General Information Address Referral Information Care giver/Emergency contact</p> <p style="text-align: center;">CLIENT ADDRESS</p> <p>Region: Addis Ababa(14) <input type="text"/></p> <p>Zone/Sub-City: <input type="text"/></p> <p>Woreda: Gulele Kifle Ketema <input type="text"/></p> <p style="text-align: center;">RESIDENTIAL TYPE</p> <p style="text-align: center;"><input type="radio"/> Urban <input type="radio"/> Rural</p> <p>Kebele/Peasant Association: <input type="text"/></p> <p>House No.: 445 <input type="text"/></p> </div>	<div style="border: 1px solid #ccc; padding: 5px;"> <p>Registration Date <input checked="" type="checkbox"/> Registration Date What is the patient's a (Optional) Quick search</p> <p>Biometrics <input type="checkbox"/> Fingerprints Locality Habitation, or st</p> <p>Demographics</p> <p><input checked="" type="checkbox"/> Name Country</p> <p><input checked="" type="checkbox"/> Gender Haiti</p> <p><input checked="" type="checkbox"/> Birthdate Department</p> <p><input checked="" type="checkbox"/> Mother's First Name Artibonite</p> <p>Contact Info Commune</p> <p><input type="checkbox"/> Address Dessalines</p> <p><input type="checkbox"/> Phone Number Section Communale</p> <p>Insurance 3ème Ogé</p> <p><input type="checkbox"/> Company Name Locality Habitation</p> <p>Social</p> <p><input type="checkbox"/> Place of Birth Bobin</p> <p><input type="checkbox"/> Civil Status Address</p> <p><input type="checkbox"/> Occupation 1234 Street</p> <p><input type="checkbox"/> Religion</p> </div> <p>Notice that this OMRS-EMR was able to c (eg Department, Commune, etc)</p>

Edit: Slimmed-down version, to edit the address:

Facility Name: Eteng Health Center, SiteCode: 1204000022, Registration Date: 19/11/2002

General Information | Address

CLIENT ADDRESS

Region: [dropdown]
 Zone/Sub-City: [dropdown]
 Woreda: [dropdown]

RESIDENTIAL TYPE
 Urban Rural

Kebele/Peasant Association: achwaa
 House No.: [text]

TELEPHONE NUMBER

Home: [text]
 Mobile: [text]
 Work: [text]

Client reside within the catchments area?
 YES NO

If NO, Is challenge anticipated to regularly follow in this facility?
 YES NO

Note that the Address Hierarchy is used a

1) Click Pencil of "Contact info":

Zanmi Lasante

Ball, Rose 'Weiss' Female 62 year(s) (- 01 Jan 1960)

Suriname Given Name Nickname

Show Contact Info

DEMOGRAPHICS

Surname: Ball
 Given Name: Rose
 Nickname: Weiss
 Gender: Female
 Birthdate: -01 Jan 1960
 Mother's First Name: Anna

REGISTRATION

Registered On: 21 Apr 2022 05:12 PM
 Date: 21 Apr 2022
 Provider: Ball, Ellen
 Location: Biwo Resepsyon

INSURANCE COMPANY NAME

Company Name: CIGNA (Vanbreda)

2) Get taken to a slimmed-down version c

Contact Info

Contact Info

Address [text] What is the patient's address
 (Optional) Quick search by [text]
 Locality Habitation, or skip to [text]

Phone Number [text]

confirm

Country [dropdown]
 Haiti

Department [dropdown]
 Centre

Commune [dropdown]
 Belladères
 Boucan Carré
 Cerca Cavajal
 Cerca La Source
 Hinche
 Lascahobas
 Maissade
 Mirebalais
 Saut d'Eau
 Savanette

Use Cases

Addresses are needed in **several places** - note the following Use Cases:

- For the Patient: At registration
- For the Patient: In a form
- For a contact of the Patient: At registration (eg emergency contact)
- For a contact of the Patient: In a form (eg Sexual Partner Contact Tracing form)

So, this widget needs to be able to handle collecting *either* Patient *or* non-patient information, in either registration *or* in a form. Discussion on Form-Embeddable Widget here: _____ TODO cc Dimitri any more info on how this should be done? Can we meet tmrw?

Acceptance Criteria

- **Who:** Can collect address info on pt or on a contact (who may or may not already exist in the system) (Idea: perhaps this could be set as config in the extension? like set to "patient" or "contact"?)
- **Visuals:** Should follow Carbon Design System - see colors, spacing, and layout guidance in the 3.x Styleguide here: <https://app.zeplin.io/project/60d59321e8100b0324762e05/styleguide>
- *Nice to have for users:* **Type+Search:** Should slim-down the dropdown list options as the user searches in the box. This way the user does not have to painfully scroll through all options looking for what they want.

