

# Module: elocations

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# SUMMARY STRINGS

## Default:

NEW FIELD: **Location Type** + “: [“ + NEW FIELD: **Indicator** + “]” + **LocLocationCode**

## Other(s):

### NEW FIELD: **Location Type**

#### 1) Moveable

- If any NEW FIELD **Parent.NEW FIELD Location Type** = “Venue”,
  - “Venue: ” + (Concatenate all NEW FIELD **Parent.LocLocationCode** up to and including the first NEW FIELD **Parent** record where NEW FIELD **Location Type** = “Venue”; separate with “: ”) + **LocLocationCode**
- Else:
  - (Concatenate all NEW FIELD **Parent.LocLocationCode** up to and including the first NEW FIELD **Parent.LocLocationCode** where NEW FIELD **Location Type** = “Permanent”) + **LocLocationCode**

For a case inside of the Field Museum:

e.g. irn 111786

LocationCode values:

- Field Museum of Natural History (Permanent)
- 2nd Floor (Permanent)
- h30 (Permanent)
- cA10 (Moveable)

SummaryData = **h30cA10**

For a case at an external venue with children:

LocationCode values:

- Royal Ontario Museum (Venue)
- 3rd Floor (Permanent)
- h300 (Permanent)
- cTR20 (Moveable)

SummaryData = **Venue: Royal Ontario Museum: 3rd Floor: h300: cTR20**

#### 2) Permanent

- **LocLocationCode** + “ (“ + NEW FIELD: **Other Name** + “)” WHERE NEW FIELD: **Preferred** = Yes

For a permanent FMNH Office

e.g. irn 30025 Rob's office

SummaryData = **Room 1176 (Rob's Office)**

### 3) Venue (DEFAULT)

E.g. irn 35665 for a venue with no children

SummaryData = **Venue: Royal Ontario Museum (ROM)**

### 4) Taxonomic AND Geographic AND Stratigraphy

- The first NEW FIELD **Parent.LocLocationCode** where NEW FIELD **Location Type** =  
"Permanent" + " [" +  
NEW FIELD **Indicators** + "]: " +  
**LocLocationCode**

e.g. **CRC [Alcohol]: Fordonia leucobalia ICZN**

e.g. **CRC Pacific**

e.g. **CRC Silurian**

# Tabs

## Tabs to be added:

### NEW TAB - "Place"

#### PURPOSE:

The fields on this tab document an actual place to which an object, specimen or container can be physically moved. The record may refer to a place that is either:

- 1) Permanent: A place that can never be moved  
e.g. a room, or a venue
- 2) Moveable:
  - a) A place that exists with a given name for a period of time within a permanent physical place  
e.g. an exhibition case or a named exhibition hall within a room.
  - b) A place whose physical boundaries are defined by a classification system  
e.g. the fish alcohol collection

Any of these may be nested within a hierarchy using the parent/child relationship the base of which should always be a permanent record.

## NOTES:

**Locations (1) - New**

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**CRC - [Alcohol]: Fordonia leucobalia ICZN** 35574

Parent: CRC

Identifiers: Location Code: Fordonia leucobalia ICZN, Barcode:

Postal Address: Venue, Level 1, Level 2, Level 3, Level 4, Level 5, Level 6

Location Type: Class: Taxonomic

Other Names:

Other Name	Source	Preferred
*		

Classification: Taxonomic: Fordonia leucobalia, Stratigraphic, Geographic, Indicators: Alcohol

Place Hierarchy Measurements Monitor Tasks Notes Multimedia Security

New Location 1 of 1 sgrant Admin emutest

## NEW fields:

- **Parent:** Attachment [S] elocations
  - Logic:
    - If [NEW FIELD Location Type] = "Permanent",
      - Then [NEW FIELD Parent] becomes read-only after record is saved.
    - If [NEW FIELD Location Type] = "Venue",
      - Then [NEW FIELD Parent] is set to NULL and becomes read-only after record is saved.
    - If [NEW FIELD Location Type] = "Classification" or "Movable",
      - Then [NEW FIELD Parent] must have [NEW FIELD Location Type] = "Permanent" or "Venue" [Else, display error "Attach a 'Permanent' or 'Venue' Location as the parent for this record."] AND
      - If [NEW FIELD Parent].irn is edited,
        - Prior to saving the record, warn user that they are editing reverse-attached Catalog records.
        - AND
        - generate an Internal Movement record for all reverse-attached Catalog records.
    - Else [NEW FIELD Parent] is editable
- **Location Type:** Dropdown [S] Text (20 chars)
  - Lookup list: NEW Location Type : 1
- **Other Names** Multivalued Table (20 rows)
  - **Other Name:** Text [M] (50 chars)
  - **Other Name Source:** Lookup [M] Text (30 chars)
    - Label as Source
    - Lookup list: EXISTING Security Department : 1
  - **Preferred:** Dropdown [M] Text (10 chars)

- Lookup list: EXISTING YesNo
- Functionality: If **Other Name** is NOT NULL this field is mandatory ONLY one row can = Yes
- **Classification** group box
  - **Taxonomic:** Attachment [S] etaxonomy
  - **Stratigraphic:** Attachment [S] enhmstratigraphy
  - **Geographic:** Attachment [S] esites
  - **Indicators:** Dropdown [S] Text (20 chars)
    - Lookup list: NEW Location Indicators : 1

Existing fields:

- **Location Hierarchy** group box relabel as **Postal Address**

Fields to REMOVE: NA

Functionality:

- Use the NEW FIELD **Parent** to build a parent/child hierarchy between attached elocation records (same as in etaxonomy module). These relationships will form the data structure to be displayed on the NEW hierarchy tab.
- Make Classification fields read-only based on NEW FIELD **Location Type**
  - If Location Type = Class:Taxonomic
    - NEW FIELD **Stratigraphic** and NEW FIELD **Geographic** becomes readonly
  - If Location Type = Class:Stratigraphic
    - NEW FIELD **Taxonomic** and NEW FIELD **Geographic** becomes readonly
  - If Location Type = Class:Geographic
    - NEW FIELD **Stratigraphic** and NEW FIELD **Taxonomic** becomes readonly
- If LocLocationCode is NULL on save then autofill as follows:
  - If Location Type = Taxonomic
    - NEW FIELD **Taxonomic.ClaScientificName + Taxonomic.ClaApplicableCode**
  - If Location Type = Stratigraphic
    - NEW FIELD **Stratigraphic.ChrPeriodFrom\_tab**
  - If Location Type = Geographic
    - NEW FIELD **Geographic.SummaryData**
- Else
  - Existing text remains

## NEW TAB - "Measurements"

PURPOSE:

To document the dimensions of the location.

NOTES:

Same functionality as used in the existing eexhibitobjects module on the AllMeaTab.

Locations (1) - New

File Edit Select View Tools Tabs Multimedia Window Help

35576

Origin

X: Y: Z:

Measurement Details

Measurement Taken: Measurement Kind: Confirmed:

Value (fract.): Value (ft.): Value (m):

Remarks: Qualifier:

Measured By: Date:

Measurement Summary

	Measurement T...	Measurement Ki...	Qualifier	Value (ft.)	Value (m)	Measured By	Date	Confirmed
1								
2								
3								
4								
*								

Place Hierarchy Measurements Monitor Tasks Notes Multimedia Search

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NEW fields:

- **Measurement Details** groupbox
  - **Measurement Taken:** Lookup Text [M] (25 chars)
  - **Measurement Kind:** Lookup Text [M] (25 chars)
  - **Confirmed:** Dropdown [M] Text (5 chars)
    - Lookup list: EXISTING: [YesNo]
  - **Value(fract):** [M] - Format is 16ths of an inch
    - eg 19.29 = 19-5/16; 12.5 = 12-1/2
    - autocalculated and displayed in red if "Value (fract)" was filled in first
    - Ref: (<http://dmccritchie.mvps.org/excel/fractex1.htm>)
    - See Also: exhobjects module for existing implemented logic
  - **Value(ft):** Float [M]
    - autocalculated and displayed in red if "Value (ft)" was filled in first
  - **Value(m):** Float [M]
    - autocalculated and displayed in red if "Value (m)" was filled in first
  - **Remarks:** Text [M] (350 chars)
  - **Qualifier:** Text [M] (10 chars)
  - **Measured By:** Attachment [M] eparties
  - **Date:** Date [M]
- **Measurement Summary** groupbox Multivalued table (50 rows)  
Include only these NEW fields.
  - **Measurement Taken**
  - **Measurement Kind**
  - **Confirmed**
  - **Value(ft)**
  - **Value(m)**
  - **Measured By**



- **Date**

Existing fields:

- **Location Coordinates** groupbox - relabel as **Origin**
  - **PhyLocationX**
  - **PhyLocationY**
  - **PhyLocationZ**

Fields to REMOVE: NA

### Functionality:

- Measurement Details used the same functionality and logic as used in the existing eexhibitobjects module on the AllMeaTab.

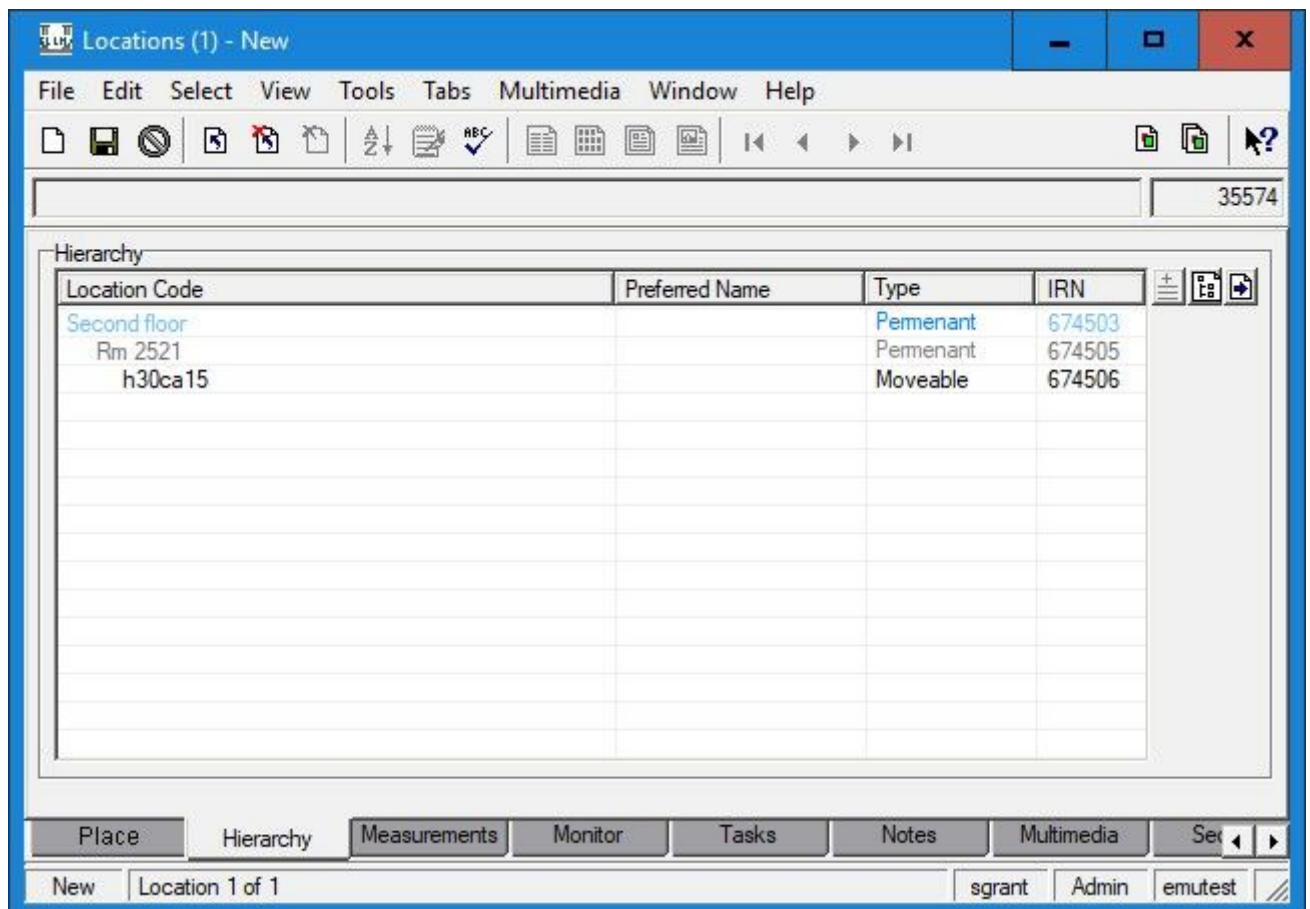
## NEW TAB - "Hierarchy"

PURPOSE:

To summarize and display all locations related to the current record, starting with the highest Permanent record.

NOTES:

Current record should display in blue, all others in grey (same as on other hierarchy tabs)



NEW fields:

- **Hierarchy** groupbox
  - **Preferred Name**
    - *Display the value in the NEW FIELD:Other Names where NEW FIELD:Preferred = Yes*
  - **Location Type:** *defined on NEW TAB "Place"*

Existing fields:

- **Hierarchy** groupbox
  - **LocLocationCode:** *Label "Location Code"*
  - **irn:** *Label "IRN"*

Fields to REMOVE: NA

Functionality:

- This tab should be formed in the same way as the the etaxonomy hierarchy tab using the values in the NEW **Parent** field to dynamically create the hierarchy display. The current record should be displayed in blue.

Tabs no longer needed:

- AllLocTab (Location)
- AllDimTab (Dimensions)
- AllHolTab (Holder)

Tools - NONE

Broken Things

- Currently, only 3 carriage returns are allowed in the NteText0 field. Any entry in NteText0 that includes data beyond a 4th carriage return is truncated. We prefer no truncation and no limit. (If necessary, raise the limit to 100 carriage returns.)

Red Flags - None

Need to review groups permissions/security

- Parent-level editing should incur a warning as defined in etaxonomy Structural Changes:
  - [SYSTEM-WIDE: Registry Entry "Parent Attachment Warning"](#)
- New "Preps/Parts Relocate Tool" in ecatalogue needs to reference and use the changes made to this module:
  - ecatalogue Tools: [Preps/Parts Relocate Tool](#)