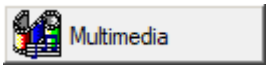
Module: emultimedia



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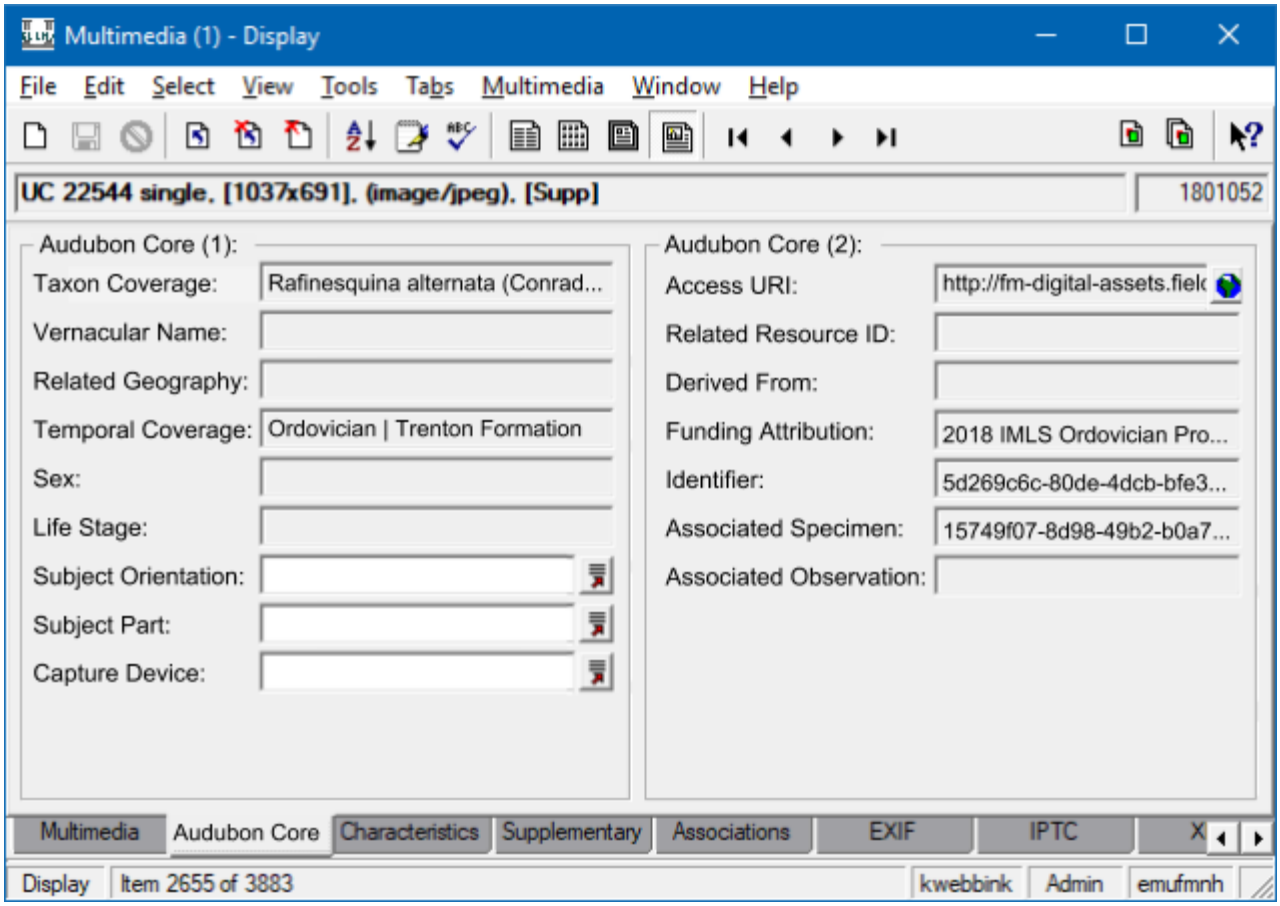
SUMMARY STRINGS

Default: (No Change)

Tabs

Tabs to be added:

NEW TAB - Audubon Core



NEW fields:

- **Taxon Coverage:** *Text field, [S], read-through, limit = 500 characters*
  - *Read-through of ObjObjectsRef_tab.DarScientificName*
  - *Logic: Pipe delimited if Multimedia is attached to multiple Catalog records, and remove duplicates*

- **Vernacular Name:** *Text field, [S], read-through, limit = 500 characters*
  - *Read-through of ObjObjectsRef_tab.IdeTaxonRef_tab.ComName_tab(1), where ObjObjectsRef_tab.IdeFiledAs_tab = Yes*
  - *Logic: Pipe delimit if multiple values are returned, and remove duplicates*

- **Related Geography:** *Text field, [S], read-through, limit = 500 characters*
  - *Read-through of ObjObjectsRef_tab.DarCountry, DarStateProvince, DarCounty, DarOceanContinent*
  - *Logic: Pipe delimit if MM attached to multiple Catalog records, and remove duplicates*

- **Temporal Coverage:** *Text field, [S], read-through, limit = 500 characters*

    - *Read-through of ObjObjectsRef_tab.PalStrStratigraphyRef_tab.SummaryData*
    - *Logic: Pipe delimit if multiple values are returned, and remove duplicates*

- **Sex:** *Text field, [S], read-through, limit = 100 characters*
    - *Logic: Read-through of ObjObjectsRef_tab(1).DarSex*
    - *Logic: Pipe delimit if MM attached to multiple Catalog records, and remove duplicates*

- **Life Stage:** *Text field, [S], read-through, limit = 100 characters*
    - *Read-through of ObjObjectsRef_tab(1).DarLifeStage*
    - *Logic: Pipe delimit if MM attached to multiple Catalog records, and remove duplicates*

- **Subject Orientation:** Lookup List *Text field (100 Chars), [S] ,*
    - *Lookup list: NEW Subject Orientation Level 1*

- **Subject Part:** *Lookup List Text field (100 chars), [M]*
    - *Lookup list: NEW, "Parts" - Level 2*

- **Capture Device:** Lookup List *Text field (255 chars), [S]*
    - *Lookup list: NEW Capture Device - Level 1*

- **Access URI**
    - *Logic: if AdmPublishWebNoPassword = Yes, and if MulDocumentType = "M" (not U or R), then Concatenate "http://fm-digital-assets.fieldmuseum.org/" + [Multimedia] -- e.g., "http://fm-digital-assets.fieldmuseum.org/1801/052/UC_22544_single.jpg"*
    - *Functionality: Display web link icon*

- **Related Resource ID:** *Text field, [S] , lookup list, limit = 100 characters*
    - *Logic: If AssAssociatedRef_tab is not null, pipe-delimited AssAssociatedRef_tab.AdmGlobalUniqueID when AssAssociatedRef_tab.AdmPublishWebNoPassword = Yes*

- **Derived From:** *Text field, [S], read-through, limit = 100 characters*
    - *Logic: If RelParentRef is not null display RelParentMediaRef.[new Multimedia Identifier field] when RelParentRef.AdmPublishWebNoPassword = Yes*

- **Funding Attribution:** *Text field, [S], read-through, limit = 100 characters*
    - *Where DetContributorRole_tab = "Funder" and DetContributorRole_tab.AdmPublishWebNoPassword = Yes, pipe delimited list of DetContributorRef_tab.SummaryData*

- **Identifier**
    - *AdmGlobalUniqueIdentifier with AdmGUIDPreferred = Yes*

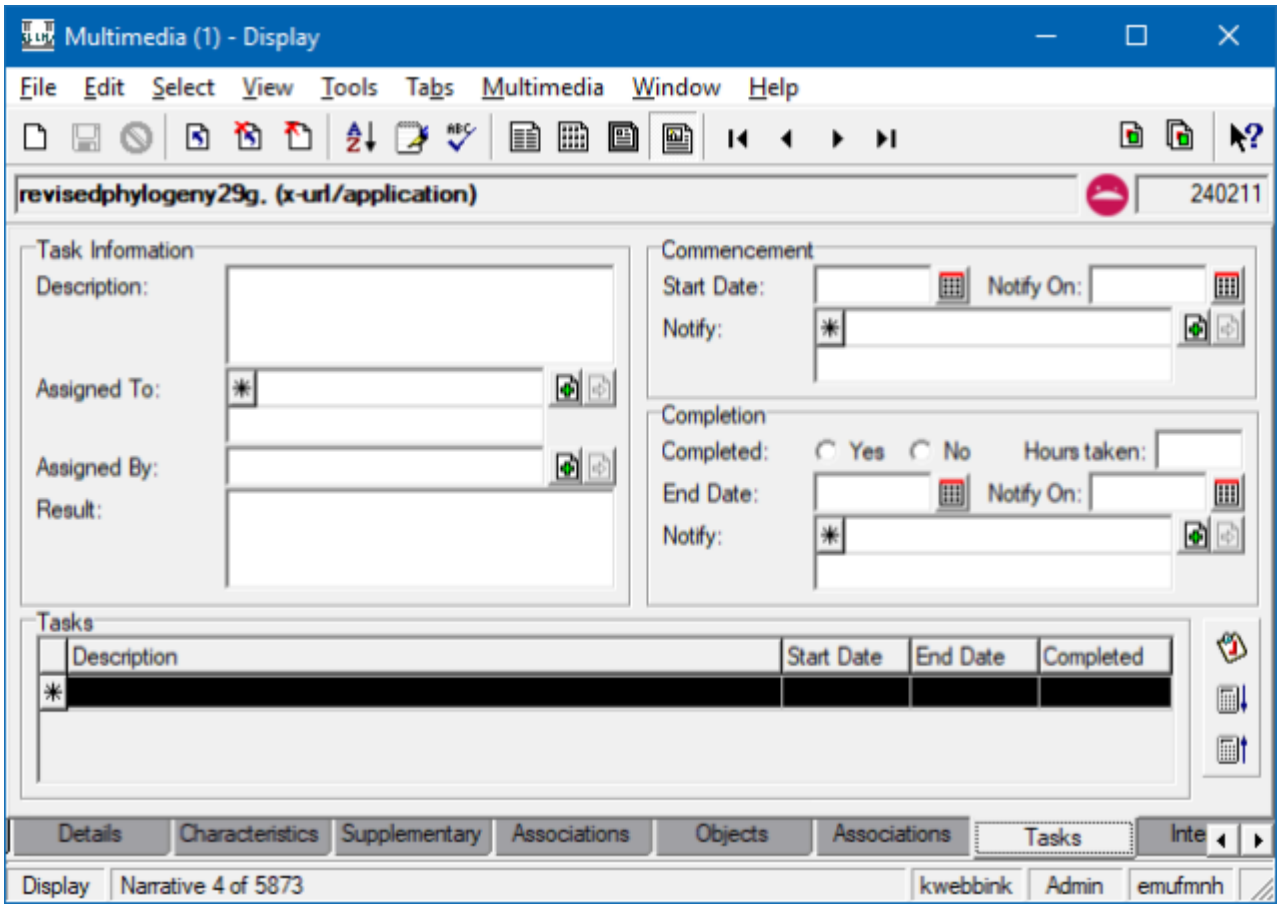
- **Associated Specimen**
    - *Logic: If ObjObjectsRef_tab.ColCollectionEventRef.irn is not null, show pipe delimited list of ObjObjectsRef_tab.DarGlobalUniqueIdentifier where ObjObjectsRef_tab.AdmPublishWebNoPassword = Yes and ObjObjectsRef_tab.CatSightingsEventsRef_tab.irn is NULL*

- **Associated Observation**
    - *Logic: If ObjObjectsRef_tab.ColSightingsEventRef_tab.irn is not null, show pipe delimited list of ObjObjectsRef_tab.DarGlobalUniqueIdentifier where ObjObjectsRef_tab.AdmPublishWebNoPassword = Yes and ObjObjectsRef_tab.CatSightingsEventsRef_tab.irn is NOT NULL*

EXISTING fields: NA
Functionality: NA

EXISTING TAB - AllTasTab - Tasks

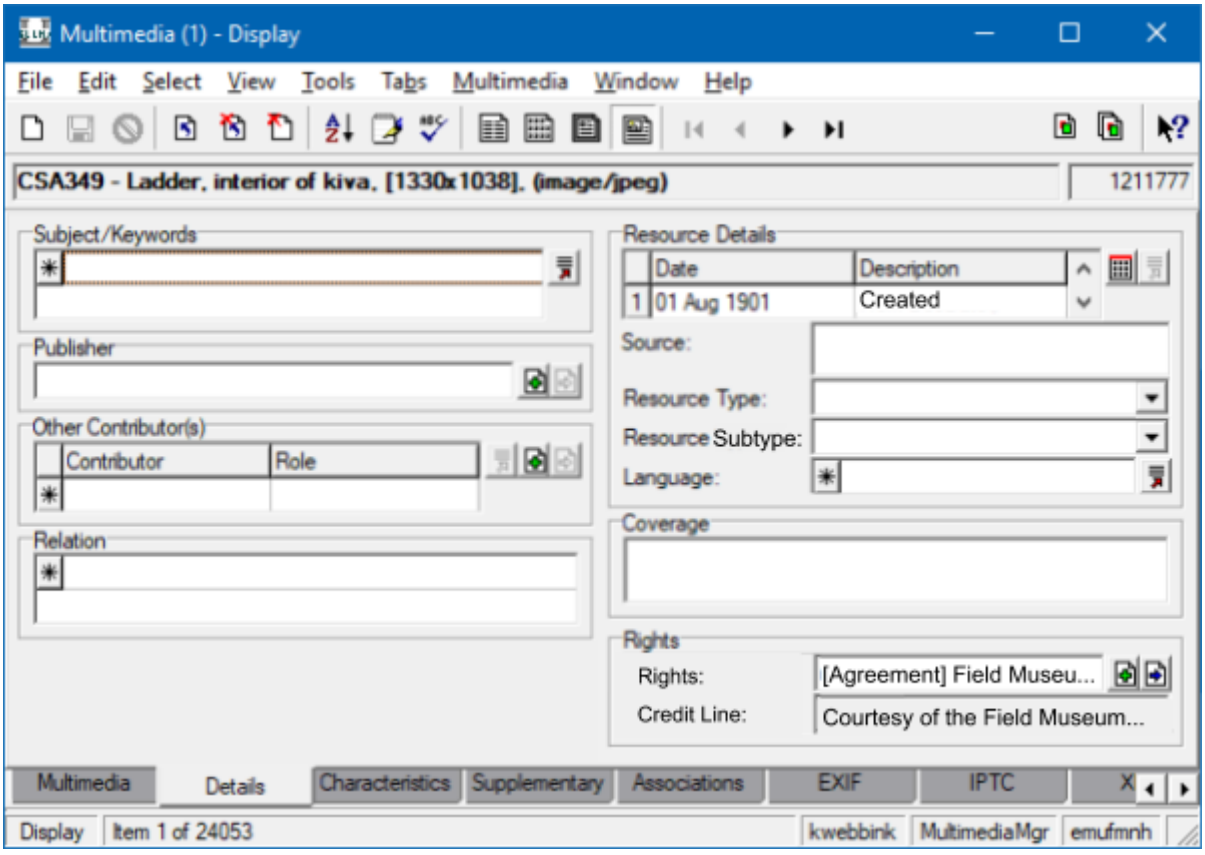
- related to https://jira.kesoftware.com/browse/FMNH-188



- Enable the standard EMu Tasks Tab

Tabs to be updated:

EXISTING TAB - AllDetTab (Details)



NEW fields:

- **Credit Line**: *Text read through of DetMediaRightsRef.RigAcknowledgements [S]*
- **Resource Subtype**: *Text drop-down [S]*
    - *Lookup list: NEW Level 2, EXISTING "Resource Type" lookup*

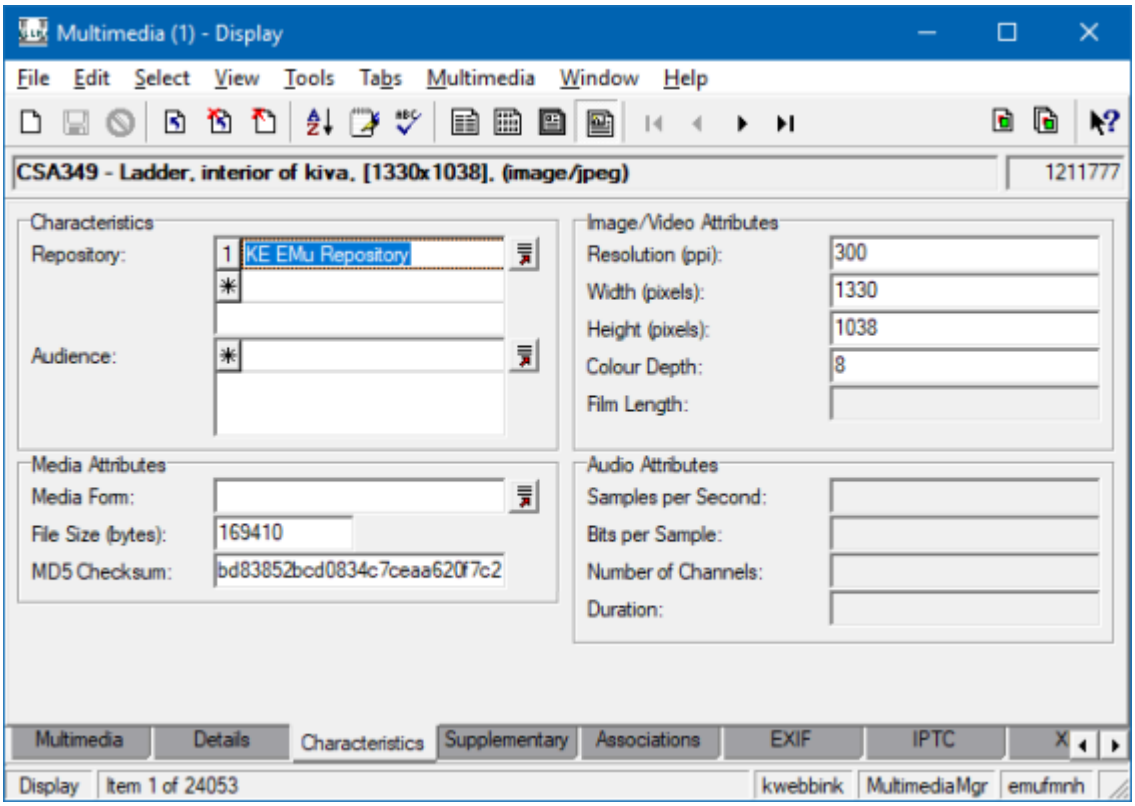
EXISTING fields: None

Fields to REMOVE:

- **DetConnectionID_tab**
- **DetConnectionKind_tab**

Functionality: None

EXISTING TAB - AllChaTab (Characteristics)



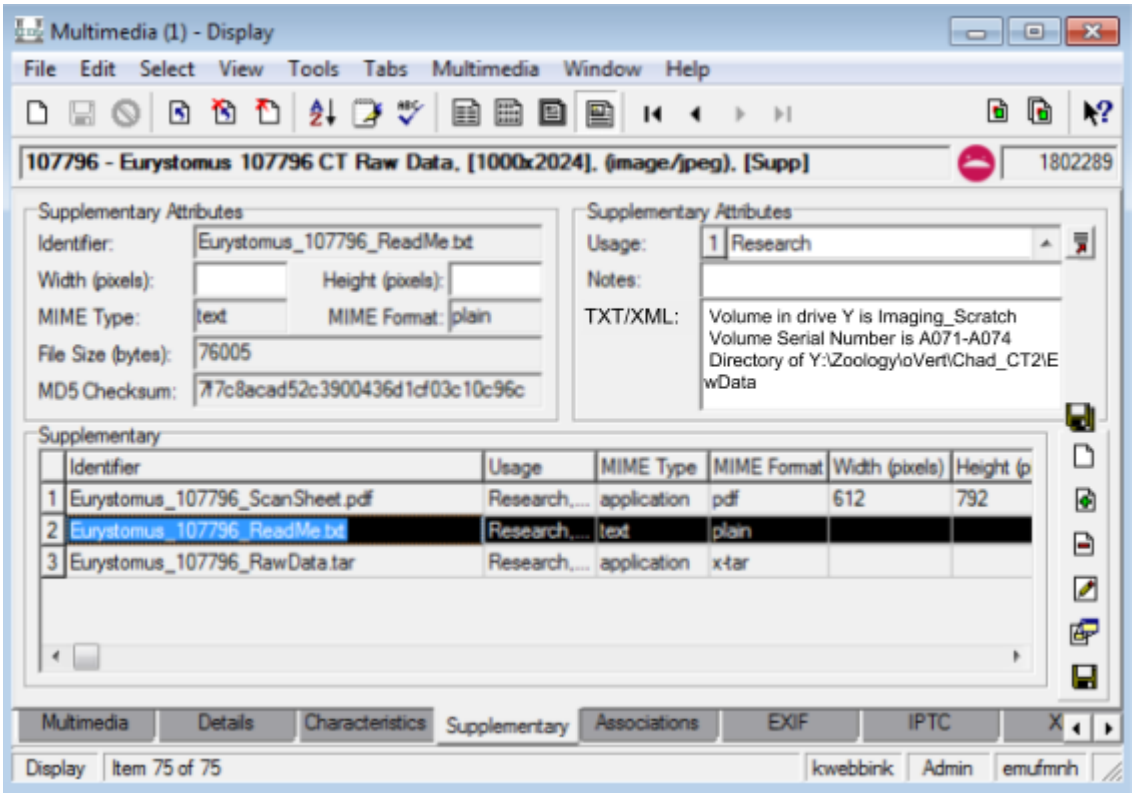
NEW fields: None

EXISTING fields:

- **ChaImageResolution:** *Change Type to integer*
- **ChaImageHeight**: *Change Type to integer*
- **ChaImageWidth**: *Change Type to integer*

Fields to REMOVE: None
Functionality: None

EXISTING TAB - AllSupTab (Supplementary)



NEW fields:

- **TXT/XML**: Text (1000 characters), Read-only, [S]
    - Functionality noted below

EXISTING fields:

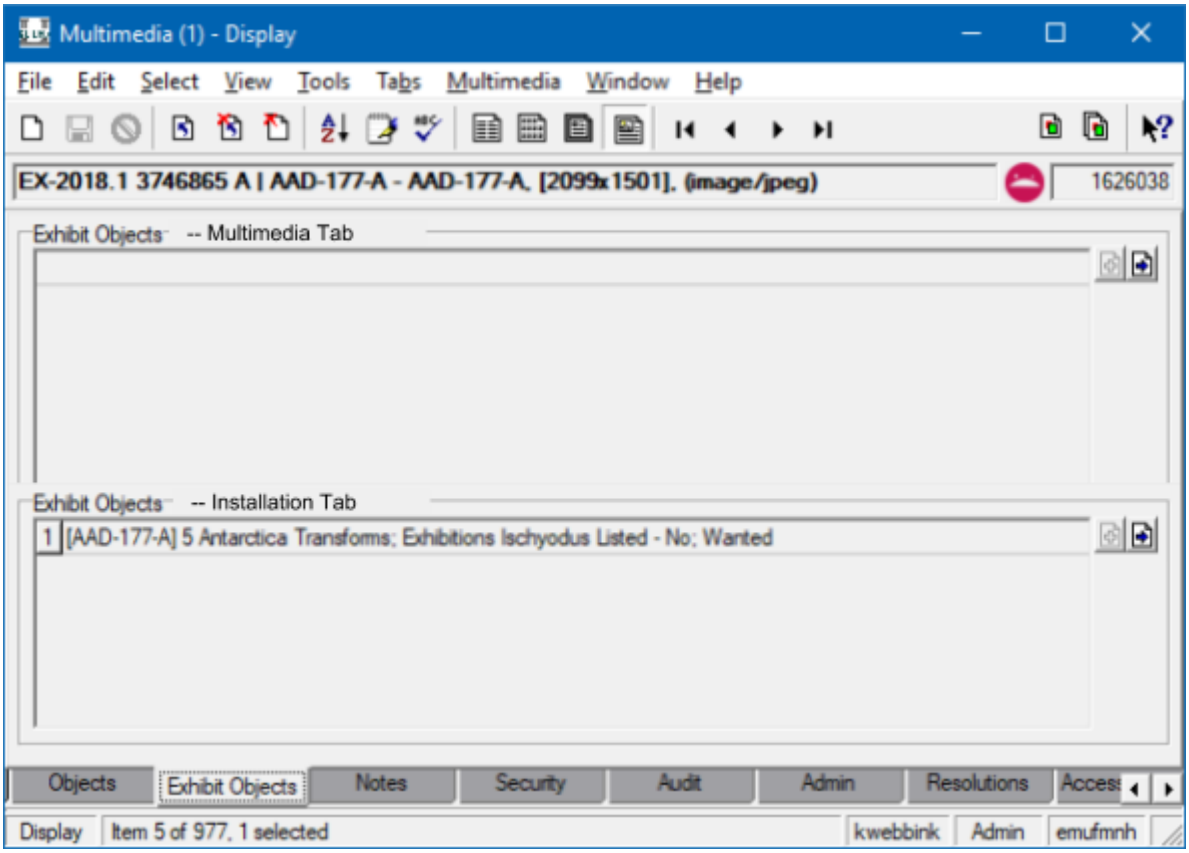
- **Supplementary** table:
    - Function/Logic: Increase number of rows to 500.

Fields to REMOVE: None

Functionality:

- **New TXT/XML field functionality:**
    - If the selected Supplementary file has readable embedded XML or TXT metadata, display a read-only preview of the first 1000 characters -- similar in functionality to the XMP metadata tab. Make it searchable. For example:
        - If the supplementary file has MIME type = image, and has embedded XMP metadata, display the first 1000 characters of that metadata here.
        - If possible using the same functionality/set up: If the supplementary file has MIME type = text (e.g., a shape ".shp" file), display the data that is readable as text.

EXISTING TAB - AllExhTab (Exhibit Objects)



NEW fields:

- **Exhibit Object - Installation Tab**: *Reverse Attachment field*
  - *Functionality:*
    - *Display a unique list of Exhibition Object records if a Multimedia record is attached in the eexhibitobjects module, in the InsMultimediaRef_tab field (e.g., emultimedia irn 1626038 / eexhibitobject irn 16009)*
    - *Search Mode: Query eexhibitobject.SummaryData for eexhibitobject records with attachments in InsMultimediaRef_tab*

EXISTING fields: None
Functionality: None

Tabs no longer needed: None

Tools

Export Supplementary

- **Purpose** to export all Supplementary files in current Multimedia record as a zip file.

Module Level Functionality:

If this should be handled as a Registry setting or existing backend script, please let us know

- Restrictions on Image formats
  - Where MulMimeType = image:
    - Multimedia = JPG/JPEG, PNG, SVG/SVG+XML, GIF
    - Supplementary_tab = DNG, GIF, JPG/JPEG, PNG, SVG/SVG+XML, TAR, ZIP
- Restrictions on characters permitted in filenames
  1. Only alphanumeric characters and underscores are permitted
  2. No diacritics over letters (e.g., replace ñ with n)
- Embedded Metadata for Images
  - We would like the following fields to be embedded in image file EXIF metadata when a record is updated or exported:
  1. **DetMediaRightsRef.SummaryData**
     → EXIF:Copyright
     → IPTC:CopyrightNotice
     → XMP-dc family 1 group: Rights
  2. **DetMediaRightsRef.RigAcknowledgement**
     → IPTC:Credit
  3. **DetMediaRightsRef.[New Web URL field]**
     → xmpRights:WebStatement
  4. **New emultimedia 'Identifier' field**
     → XMP-dc family 1 group: Identifier
  5. **ObjObjectsRef_tab.DarGlobalUniqueIdentifier**
     → ac:associatedSpecimenReference
  6. **DetResourceType**
     → XMP-dc family 1 group: Type
  7. **DetResourceDetailsDate0** where **DetResourceDetailsDescription_tab** = "Created"
     → XMP-dc family 1 group: Date
  8. **DetLanguage_tab** → XMP-dc family 1 group: Language
  9. **MulTitle** → XMP-dc family 1 group: Title
  10. **MulMultimediaCreatorRef_tab.SummaryData**
      → EXIF:Artist
      → XMP-dc family 1 group: Creator

- Warning/Prompt logic
    - Where MulMimeFormat = pdf, and MulDescription does NOT include “catalog card”, prompt user to check that they have the appropriate Rights record attached in DetMediaRightsRef.

Report Functionality:

Broken Things

- “Export Multimedia” report **[AXIELL - FMNH-216 - OPEN]**
    - It isn’t currently possible to edit which fields are included in the csv exported with the media. Is there a way to make those editable?

- “Export Multimedia” report type issues [multi-module issue] - **[AXIELL - FMNH-217 - OPEN]**
    - This report works within the emultimedia module, but from other modules where “Export Multimedia” is an available option in report properties / report type (e.g., in efmnhrepatriation), it doesn’t export “all” multimedia, even when that option is specified in the “Multimedia” tab of the report properties. Is there a way to set up the report so it can export all attached media records when that option is selected?
        - Specifically, when a user is in a module OTHER than Multimedia, and sets up a new “Multimedia Export” report, if they add the “IRN” field of the other module, and the “Multimedia” field from the MulMultimediaRef_tab field, only the first multimedia attachment for each record is successfully exported. However, even if the user selects “export all multimedia”, the report only seems to include the first multimedia attachments.

Open attachment icon is missing **[AXIELL - FMNH-215 - OPEN]**

- The ‘open attachment’ button on the AllExhTab should display on the tab . It currently does not show up.

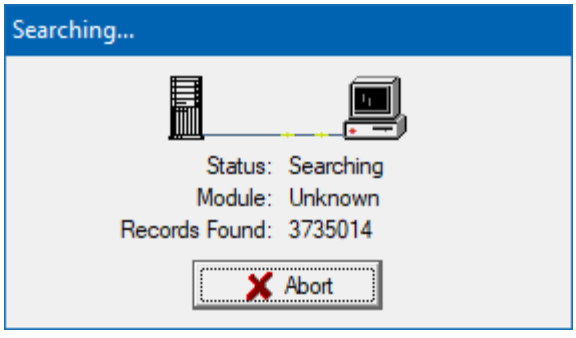
-

QryObjTab / ObjObjectsRef_tab **[AXIELL - FMNH-214 - OPEN]**

- Queries do not seem to be formed properly -- e.g., entering \+ in ObjObjectsRef_tab and going to File → Show Search shows this:

```
select all
from emultimedia
where true and
(
   not
   (
         true
   )
)
and
(
   false or exists
   (
         ChaRepository_tab
         where ChaRepository = 'KE EMu Repository'
   )
   or exists
   (
         ChaRepository_tab
         where ChaRepository = 'Photo Archives'
   )
   or exists
   (
         ChaRepository_tab
         where ChaRepository = 'Exhibitions Media Library'
   )
   or RepositoryEmpty = 'Y'
)
```

...(and the query hangs at “Status: Searching”):



Red Flags