

Museum of Vertebrate Zoology

ER Diagram 1 Feb 2002

Collecting Event

Collecting_Event
Collecting_Event_id: int NOT NULL
Locality_id: int NOT NULL (FK)
Began_Date: datetime NULL
Ended_Date: datetime NULL
Verbatim_Date: varchar(30) NULL
Verbatim_Locality: varchar(255) NULL
Coll_Event_Remarks: varchar(255) NULL
Valid_Distribution_fg: tinyint NOT NULL
Collecting_Source: varchar(15) NOT NULL
Collecting_Method: varchar(50) NULL
Habitat: varchar(255) NULL

Project_Coll_Event
Project_id: int NOT NULL (FK)
Collecting_Event_id: int NOT NULL (FK)

Project

Project
Project_id: int NOT NULL
Start_Date: datetime NULL
End_Date: datetime NULL
Project_Name: varchar(255) NOT NULL
Project_Description: varchar(255) NULL
Project_Remarks: varchar(255) NULL

Project_Taxonomy
Project_id: int NOT NULL (FK)
Taxon_Name_id: int NOT NULL (FK)
Project_Taxon_Role: varchar(25) NOT NULL
Project_Taxon_Remarks: varchar(255) NULL

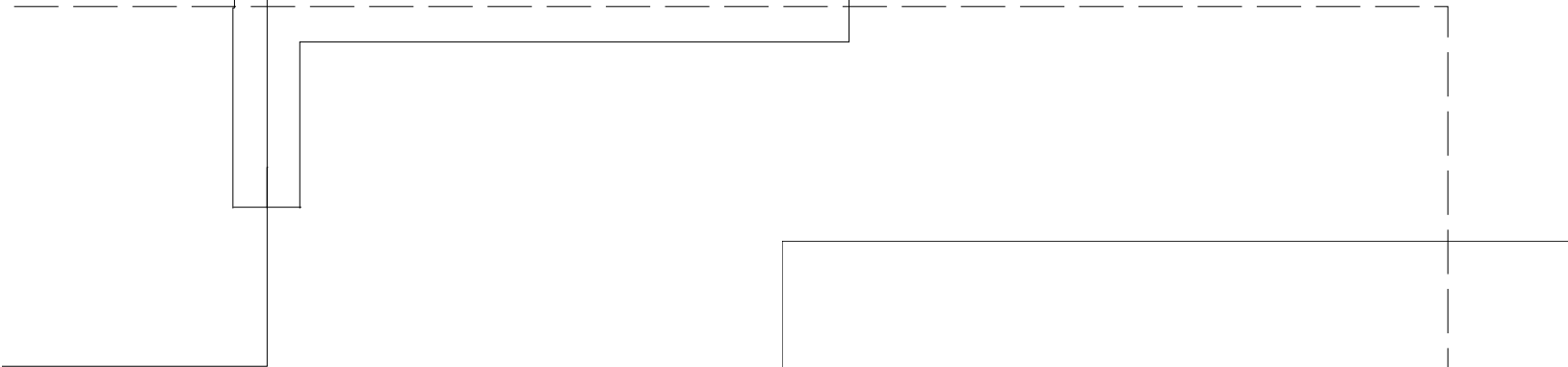
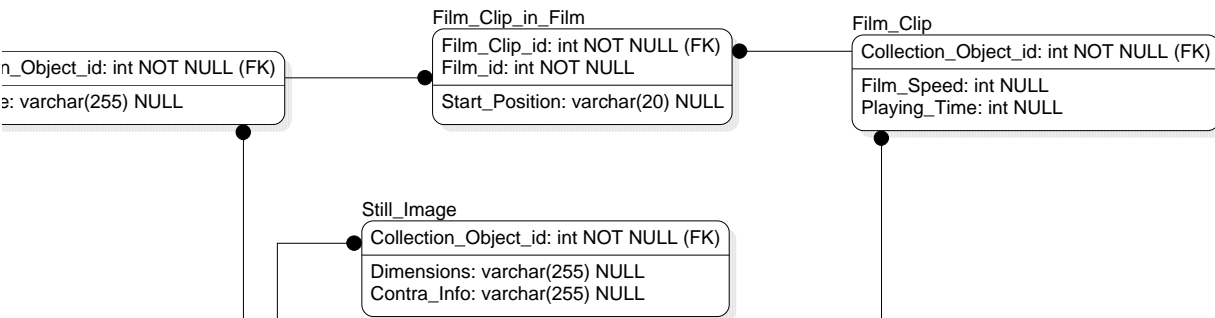
Project_Publication
Project_id: int NOT NULL (FK)
Publication_id: int NOT NULL (FK)
Project_Publication_Remarks: varchar(255) NULL

Project_Trans
Project_id: int NOT NULL (FK)
Transaction_id: int NOT NULL (FK)
Project_Trans_Remarks: varchar(255) NULL

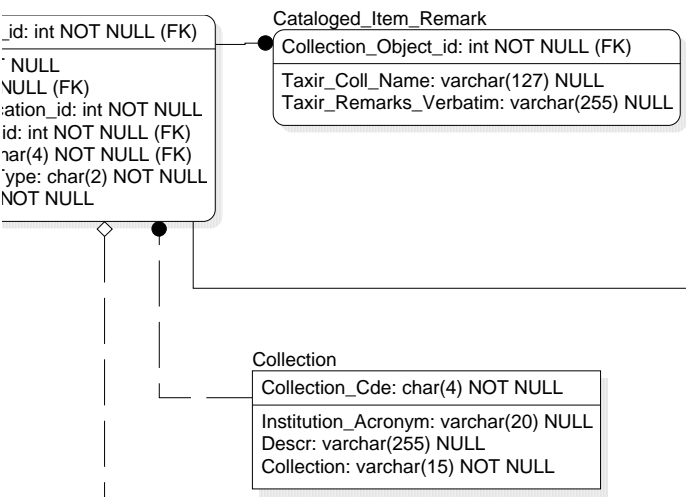
Project_Agent
Project_id: int NOT NULL (FK)
Agent_Name_id: int NOT NULL (FK)
Project_Agent_Role: varchar(25) NOT NULL
Project_Agent_Remarks: varchar(255) NULL

Agent Name Role



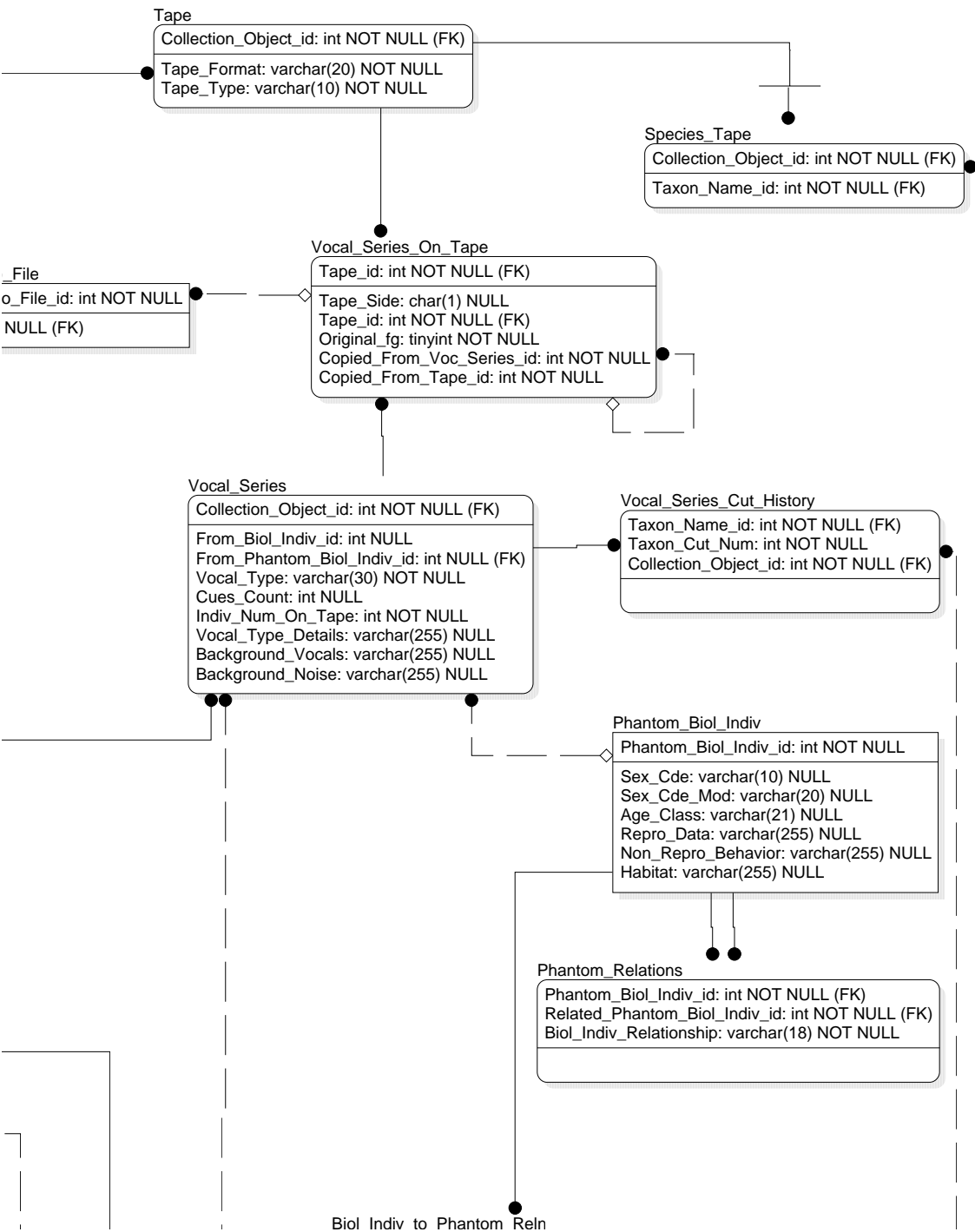


Cataloged Item



Digital_Audio
 Digital_Audio
 Tape_id: int

Audio



Agent

Agent

Agent_id: int NOT NULL
Agent_Type: varchar(15) NOT NULL
Agent_Remarks: varchar(255) NULL
Preferred_Agent_Name_id: int NOT NULL

Agent_Relations

Agent_id: int NOT NULL (FK)
Related_Agent_id: int NOT NULL (FK)
Agent_Relationship: varchar(18) NOT NULL

Electronic_Address

Agent_id: int NOT NULL (FK)
Electronic_Addr: varchar(240) NOT NULL
Electronic_Addr_Type: varchar(25) NOT NULL

Agent_Name_Role

Agent_Name_id: int NOT NULL (FK)
Agent_Name_Role_Type: varchar(25) NOT NULL

Agent_Name

Agent_Name_id: int NOT NULL
Agent_id: int NOT NULL (FK)
Agent_Name_Type: varchar(18) NOT NULL
Donor_Card_Present_fg: tinyint NOT NULL
Agent_Name: varchar(184) NOT NULL

Org

Agent_id: int NOT NULL (FK)
Dept_Unit: varchar(120) NULL

Group_Master

Agent_id: int NOT NULL (FK)

Group_Member

Group_Agent_id: int NOT NULL (FK)
Member_Agent_id: int NOT NULL (FK)
Member_Order: int NOT NULL

Addr

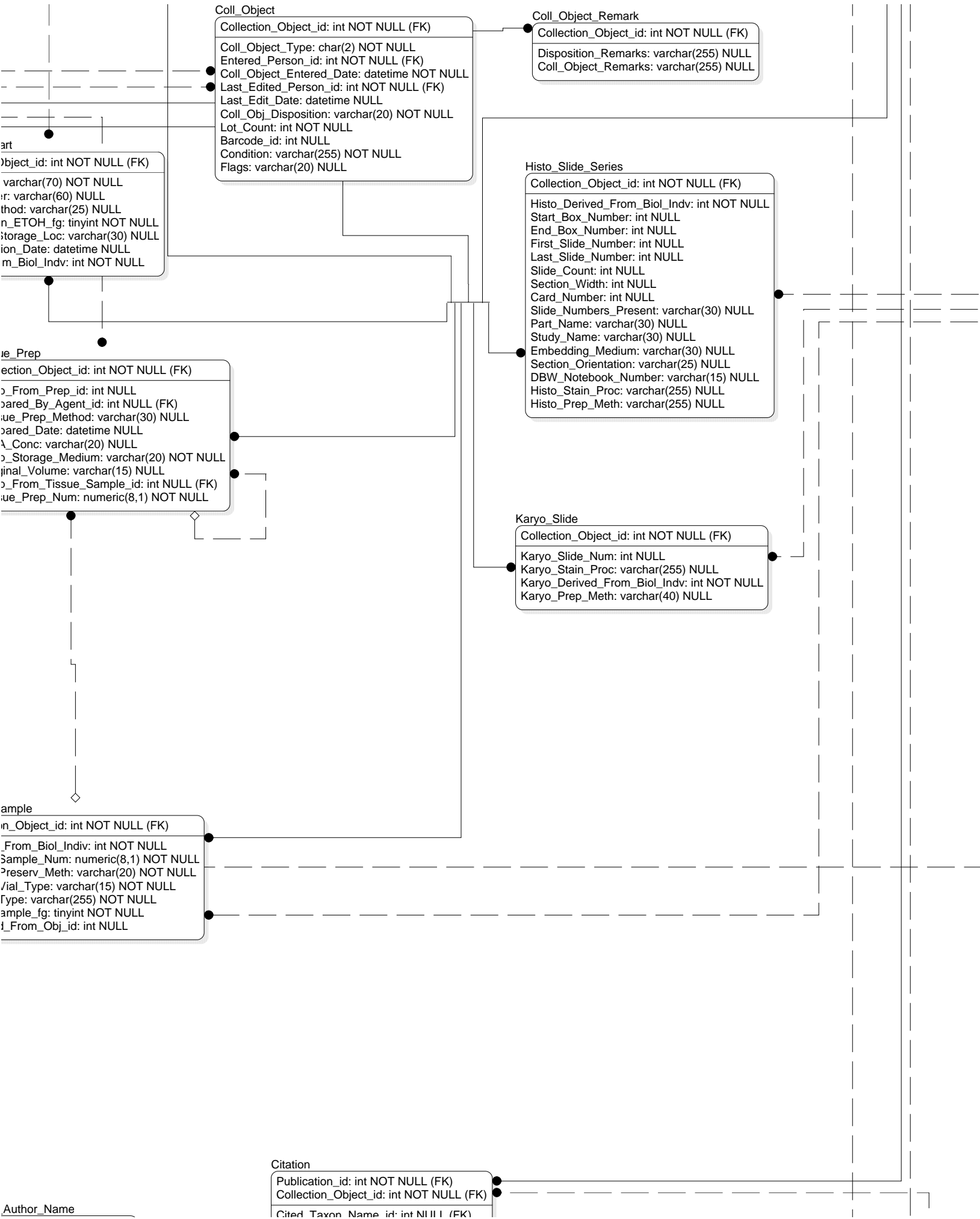
Addr_id: int NOT NULL
Street_Addr1: varchar(120) NOT NULL
Street_Addr2: varchar(120) NULL
City: varchar(30) NOT NULL
State: varchar(20) NOT NULL
Zip: varchar(10) NULL
Country_Cde: varchar(50) NULL
Mail_Stop: varchar(20) NULL
Formatted_Addr: varchar(255) NULL

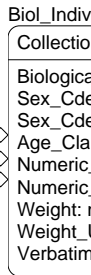
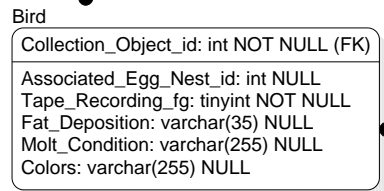
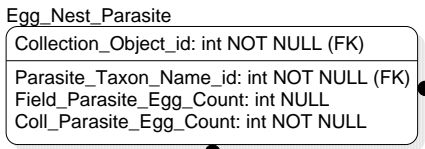
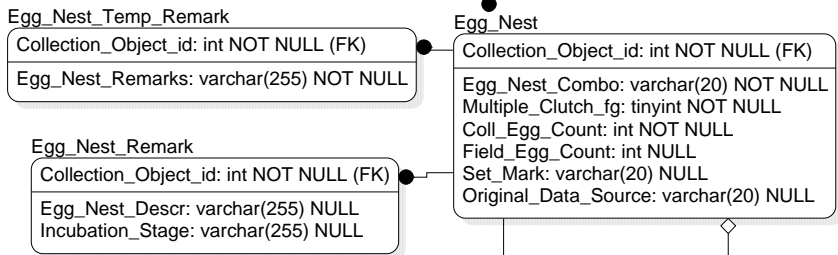
Agent_Addr

Agent_Addr_id: int NOT NULL
Agent_id: int NULL (FK)
Agent_Addr_Type: varchar(25) NOT NULL
Job_Title: varchar(25) NULL
Addr_id: int NULL (FK)
Agent_Addr_Current_fg: tinyint NOT NULL
Agent_Addr_Remarks: varchar(255) NULL

Phone

Agent_Addr_id: int NOT NULL (FK)
Phone_Num: varchar(30) NOT NULL
Phone_Label: varchar(30) NOT NULL





Biological Individual

Phantom_Biol_Indiv_id: int NOT NULL (FK)
 Biol_Indiv_Relationship: varchar(18) NOT NULL
 Collection_Object_id: int NOT NULL (FK)

Biol_Indiv_Remark

Collection_Object_id: int NOT NULL (FK)
 Sex_Det_Method: varchar(255) NULL
 Sex_Remarks: varchar(255) NULL
 Repro_Data: varchar(255) NULL
 Age_Det_Method: varchar(255) NULL
 Age_Remarks: varchar(255) NULL
 Stomach_Cont: varchar(255) NULL
 Measurements: varchar(255) NULL

Collection_Object_id: int NOT NULL (FK)
 Biol_Individual_Type: char(1) NOT NULL
 Sex: varchar(25) NOT NULL
 Sex_Mod: varchar(20) NULL
 Sex_Ass: varchar(21) NULL
 Age: numeric(4,1) NULL
 Age_Units: varchar(6) NULL
 Age_n: numeric(9,2) NULL
 Age_Units: varchar(15) NULL
 Preservation_Date: varchar(30) NULL

Biol_Indiv_Relations

Collection_Object_id: int NOT NULL (FK)
 Related_Coll_Object_id: int NOT NULL
 Biol_Indiv_Relationship: varchar(18) NOT NULL

Part_Matrix

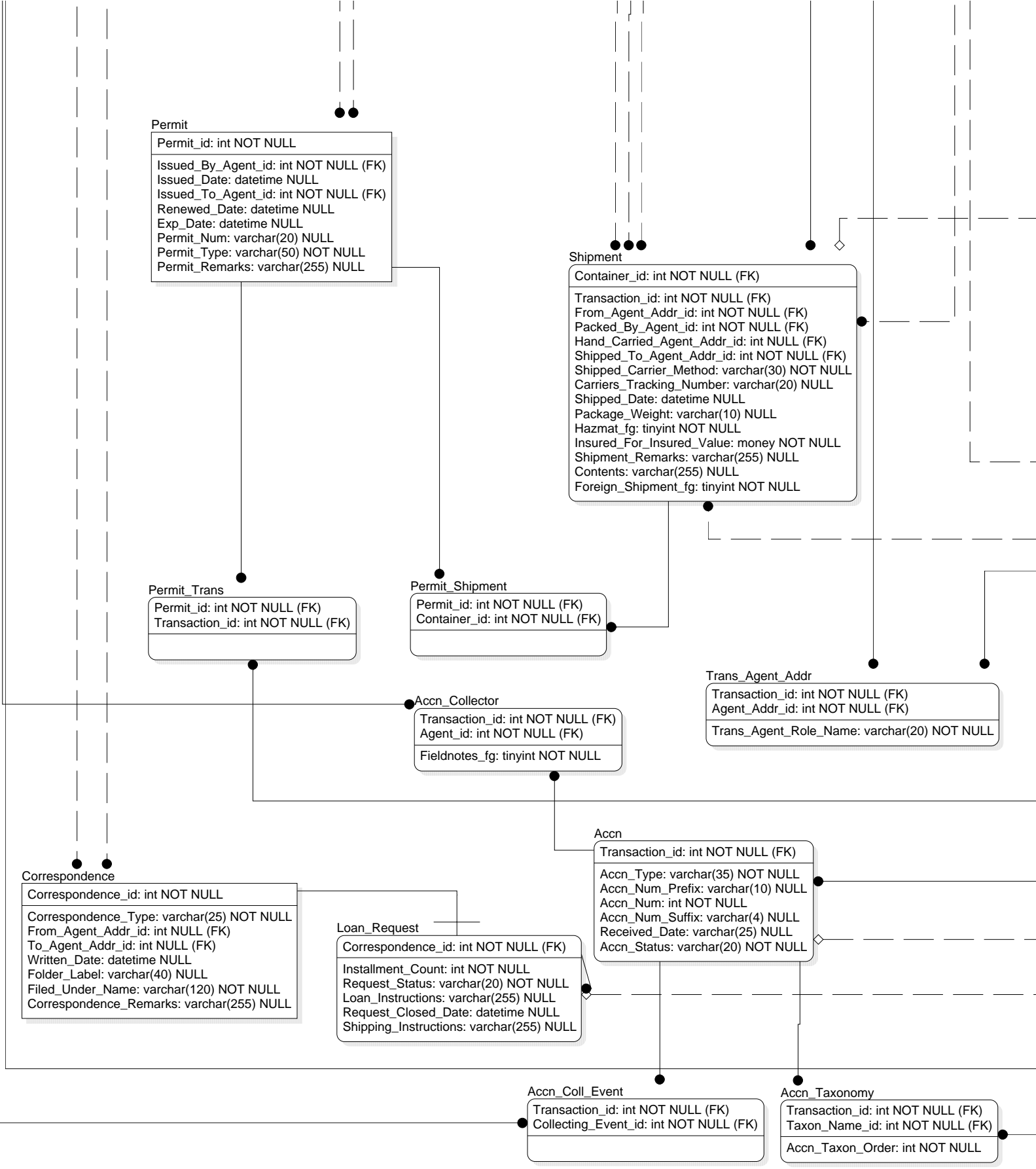
Collection_Object_id: int NOT NULL (FK)
 Biol_Indiv_Type: varchar(5) NOT NULL
 Sex_Cde: varchar(10) NOT NULL
 tissue_fg: tinyint NOT NULL
 herp_wet_flat_skin_fg: tinyint NOT NULL
 herp_dry_flat_skin_fg: tinyint NOT NULL
 skull_fg: tinyint NOT NULL
 complete_skel_fg: tinyint NOT NULL
 partial_skel_fg: tinyint NOT NULL
 herp_whole_alc_fg: tinyint NOT NULL
 herp_whole_formalin_fg: tinyint NOT NULL
 herp_whole_cs_fg: tinyint NOT NULL
 herp_whole_other_fluid_fg: tinyint NOT NULL
 bird_study_skin_fg: tinyint NOT NULL
 bird_body_skin_fg: tinyint NOT NULL
 bird_flat_skin_fg: tinyint NOT NULL
 non_herp_fluid_pres_fg: tinyint NOT NULL
 bird_wing_fg: tinyint NOT NULL
 mammal_skin_fg: tinyint NOT NULL
 skull_only_fg: tinyint NOT NULL
 mammal_skin_only_fg: tinyint NOT NULL
 mammal_skin_and_skull_fg: tinyint NOT NULL
 other_part_fg: tinyint NOT NULL
 mvzfc: varchar(30) NULL
 herp_s_no: varchar(30) NULL
 part_count: tinyint NOT NULL
 skin_text: varchar(20) NOT NULL
 skull_text: varchar(20) NOT NULL
 skel_text: varchar(20) NOT NULL
 fluid_text: varchar(20) NOT NULL
 tissue_text: varchar(20) NOT NULL
 other_part_text: varchar(70) NOT NULL

Herp

Collection_Object_id: int NOT NULL (FK)
 Snout_Vent_Length: numeric(5,1) NULL
 Snout_Vent_Length_Units: varchar(2) NULL
 Carapace_Length: numeric(5,1) NULL
 Carapace_Length_Units: varchar(2) NULL

Mammal

Collection_Object_id: int NOT NULL (FK)
 Karyotype_Slides_fg: tinyint NOT NULL
 Total_Length: numeric(5,1) NULL
 Tail_Length: numeric(5,1) NULL
 Hind_Foot_Length: numeric(5,1) NULL
 Ear_Length: numeric(5,1) NULL
 Tragus_Length: numeric(5,1) NULL
 Forearm_Length: numeric(5,1) NULL
 Length_Units: varchar(2) NULL



Publication
Agent_Nam
Author_Pos

Transaction

Trans

Transaction_id: int NOT NULL
Auth_Agent_id: int NULL (FK)
Trans_Date: datetime NULL
Trans_Entered_Agent_id: int NOT NULL (FK)
Received_Agent_id: int NOT NULL (FK)
Corresp_fg: tinyint NOT NULL
Transaction_Type: varchar(18) NOT NULL
Nature_Of_Material: varchar(255) NOT NULL
Trans_Remarks: varchar(255) NULL

Trans_Relations

Transaction_id: int NOT NULL (FK)
Related_Transaction_id: int NOT NULL (FK)
Trans_Relationship: varchar(255) NOT NULL

Borrow

Transaction_id: int NOT NULL (FK)
Lenders_Trans_Num_Cde: varchar(20) NULL
Borrow_Num: int NOT NULL
Lenders_Invoice_Returned_fg: tinyint NOT NULL
Received_Date: datetime NULL
Due_Date: datetime NULL
Lenders_Loan_Date: datetime NULL
Borrow_Status: varchar(20) NULL
Lenders_Instructions: varchar(255) NULL

Loan_Installment

Transaction_id: int NOT NULL (FK)
Correspondence_id: int NULL (FK)
Installment_Due_Date: datetime NULL
Completed_Date: datetime NULL
Loan_Num_Prefix: varchar(10) NULL
Loan_Num: int NOT NULL
Loan_Num_Suffix: varchar(10) NULL
Loan_Installment_Status: varchar(20) NOT NULL
Installment_Order: int NOT NULL
Lender_Inv_Ret_fg: tinyint NOT NULL
Borrower_Inv_Ret_fg: tinyint NOT NULL
Loan_Type: varchar(25) NOT NULL

Deaccn

Transaction_id: int NOT NULL (FK)
Deaccn_Type: varchar(20) NOT NULL
Deaccn_Num: int NOT NULL
Deaccn_Status: varchar(20) NOT NULL

Deacc_Item

Transaction_id: int NOT NULL (FK)
Collection_Object_id: int NOT NULL (FK)
Deaccession_Item_Remarks: varchar(255) NULL

Loan_Item

Transaction_id: int NOT NULL (FK)
Collection_Object_id: int NOT NULL (FK)
Container_id: int NOT NULL (FK)
Reconciled_By_Person_id: int NOT NULL (FK)
Reconciled_Date: datetime NULL
Item_Descr: varchar(127) NOT NULL
Item_Instructions: varchar(255) NULL
Loan_Item_Remarks: varchar(255) NULL

Sequence_
Publication
Sequence_
Accn_Num

Sequence_R
Sequence_
Repository
URL: varch

Publication
 _id: int NOT NULL (FK)
 ne_id: int NOT NULL (FK)
 sition: int NOT NULL

Cited_Taxon_Name_Id: int NOT NULL (FK)
 Cit_Current_fg: tinyint NOT NULL
 Occurs_Page_Number: int NOT NULL
 Type_Status: varchar(20) NULL
 Citation_Remarks: varchar(255) NULL
 Citation_Text: varchar(255) NULL
 rep_Published_Year: int NOT NULL

Publication_Year
 Publication_id: int NOT NULL (FK)
 Pub_Year: int NOT NULL

Publication
 Publication_id: int NOT NULL
 Published_Year: int NOT NULL
 Publication_Type: varchar(21) NOT NULL
 Publication_Loc: varchar(25) NULL
 Publication_Title: varchar(255) NULL
 Publication_Remarks: varchar(255) NULL

Page
 Page_id: int NOT NULL
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 Section_Page_Order: int NOT NULL
 Page_Num: varchar(20) NULL

Publication

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 Journal_id: int NOT NULL (FK)
 Begins_Page_Number: int NOT NULL
 Ends_Page_Number: int NOT NULL
 Volume_Number: int NOT NULL
 Issue_Number: int NOT NULL

Book
 Publication_id: int NOT NULL (FK)
 Edited_Work_fg: tinyint NOT NULL
 Volume_Number: int NOT NULL
 Page_Total: varchar(15) NULL
 Publisher_Name: varchar(127) NULL

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 Publisher_Name: varchar(127) NULL
 Journal_Name: varchar(150) NOT NULL

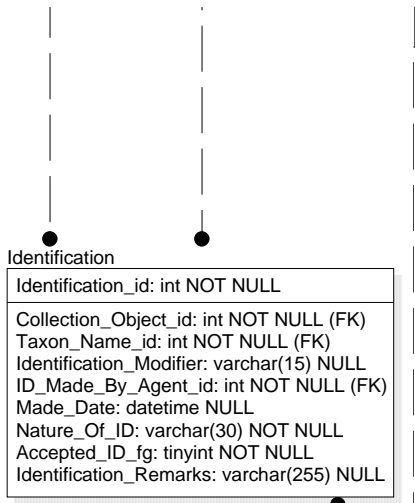
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 Begins_Page_Number: int NOT NULL
 Ends_Page_Number: int NOT NULL
 Book_Section_Order: int NOT NULL

Repos_Article
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 _Repository_id: int NOT NULL (FK)
 n: varchar(40) NOT NULL

Repository
 Repository_id: int NOT NULL
 _Name: varchar(30) NOT NULL
 ar(255) NULL

Field_Notebook_Section
 Publication_id: int NOT NULL (FK)
 Begin_Date: datetime NOT NULL
 End_Date: datetime NOT NULL
 Begins_Collectors_Num: varchar(15) NULL
 Ends_Collectors_Num: varchar(15) NULL
 Field_Notebook_Section_Type: varchar(30) NULL

Notes_of_Coll_Event
 Collecting_Event_id: int NOT NULL (FK)
 Publication_id: int NOT NULL (FK)



Taxonomy

