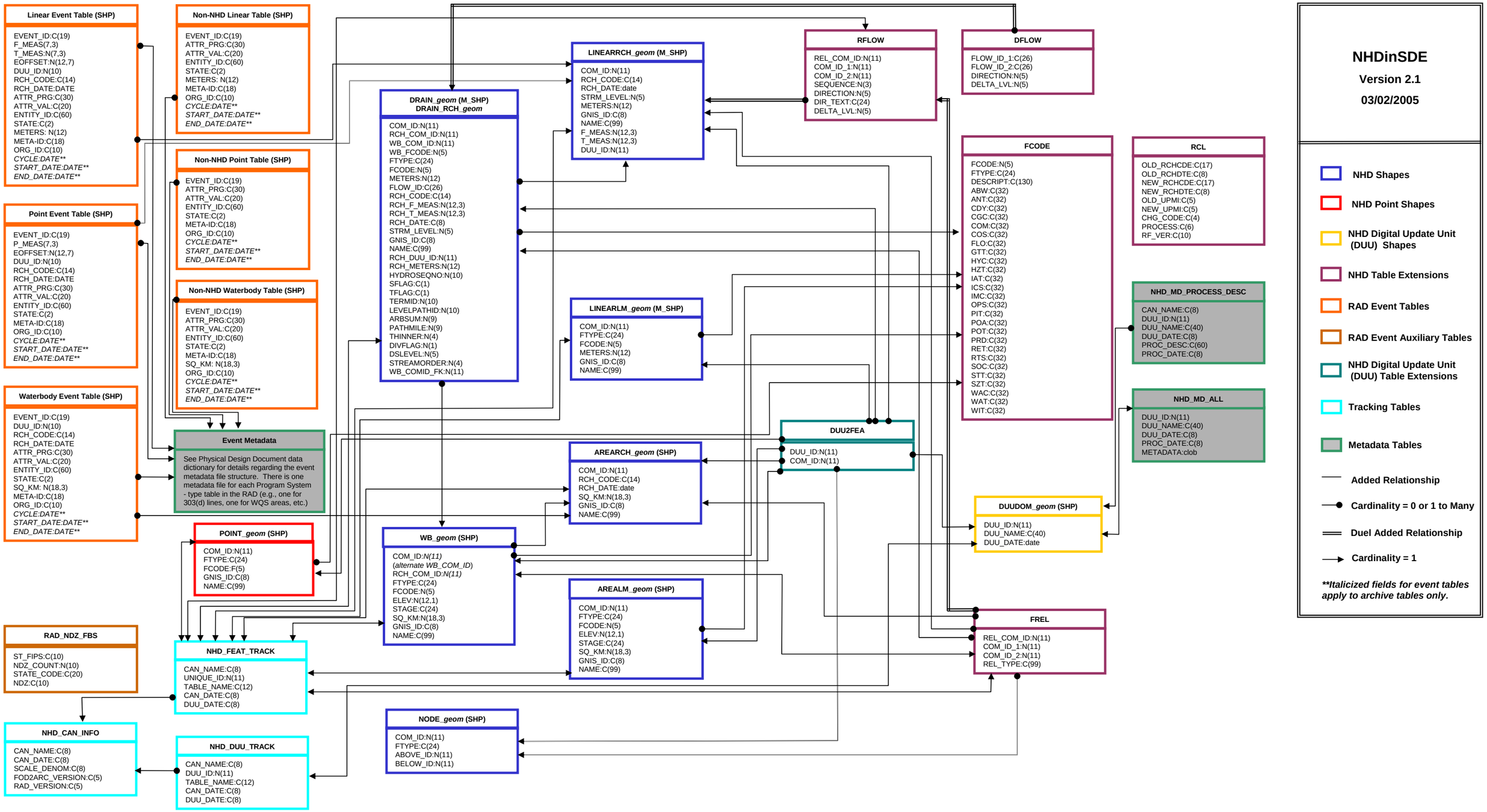
Linear Event Table (SHP)
EVENT_ID:C(19)
F_MEAS(7,3)
T_MEAS:N(7,3)
EOFFSET:N(12,7)
DUU_ID:N(10)
RCH_CODE:C(14)
RCH_DATE:DATE
ATTR_PRG:C(30)
ATTR_VAL:C(20)
ENTITY_ID:C(60)
STATE:C(2)
METERS: N(12)
META-ID:C(18)
ORG_ID:C(10)
CYCLE:DATE**
START_DATE:DATE**
END_DATE:DATE**
Point Event Table (SHP)
EVENT_ID:C(19)
P_MEAS(7,3)
EOFFSET:N(12,7)
DUU_ID:N(10)
RCH_CODE:C(14)
RCH_DATE:DATE
ATTR_PRG:C(30)
ATTR_VAL:C(20)
ENTITY_ID:C(60)
STATE:C(2)
META-ID:C(18)
ORG_ID:C(10)
CYCLE:DATE**
START_DATE:DATE**
END_DATE:DATE**
Waterbody Event Table (SHP)
EVENT_ID:C(19)
DUU_ID:N(10)
RCH_CODE:C(14)
RCH_DATE:DATE
ATTR_PRG:C(30)
ATTR_VAL:C(20)
ENTITY_ID:C(60)
STATE:C(2)
SQ_KM: N(18,3)
META-ID:C(18)
ORG_ID:C(10)
CYCLE:DATE**
START_DATE:DATE**
END_DATE:DATE**
Non-NHD Linear Table (SHP)
EVENT_ID:C(19)
ATTR_PRG:C(30)
ATTR_VAL:C(20)
ENTITY_ID:C(60)
STATE:C(2)
METERS: N(12)
META-ID:C(18)
ORG_ID:C(10)
CYCLE:DATE**
START_DATE:DATE**
END_DATE:DATE**
Non-NHD Point Table (SHP)
EVENT_ID:C(19)
ATTR_PRG:C(30)
ATTR_VAL:C(20)
ENTITY_ID:C(60)
STATE:C(2)
META-ID:C(18)
ORG_ID:C(10)
CYCLE:DATE**
START_DATE:DATE**
END_DATE:DATE**
Non-NHD Waterbody Table (SHP)
EVENT_ID:C(19)
ATTR_PRG:C(30)
ATTR_VAL:C(20)
ENTITY_ID:C(60)
STATE:C(2)
META-ID:C(18)
SQ_KM: N(18,3)
ORG_ID:C(10)
CYCLE:DATE**
START_DATE:DATE**
END_DATE:DATE**
Event Metadata
See Physical Design Document data dictionary for details regarding the event metadata file structure. There is one metadata file for each Program System - type table in the RAD (e.g., one for 303(d) lines, one for WQS areas, etc.)
DRAIN_geom (M_SHP)
DRAIN_RCH_geom
COM_ID:N(11)
RCH_COM_ID:N(11)
WB_COM_ID:N(11)
WB_FCODE:N(5)
FTYPE:C(24)
FCODE:N(5)
METERS:N(12)
FLOW_ID:C(26)
RCH_CODE:C(14)
RCH_F_MEAS:N(12,3)
RCH_T_MEAS:N(12,3)
RCH_DATE:C(8)
STRM_LEVEL:N(5)
GNIS_ID:C(8)
NAME:C(99)
RCH_DUU_ID:N(11)
RCH_METERS:N(12)
HYDROSEQNO:N(10)
SFLAG:C(1)
TFLAG:C(1)
TERMID:N(10)
LEVELPATHID:N(10)
ARBSUM:N(9)
PATHMILE:N(9)
THINNER:N(4)
DIVFLAG:N(1)
DSLEVEL:N(5)
STREAMORDER:N(4)
WB_COMID_FK:N(11)
LINEARRCH_geom (M_SHP)
COM_ID:N(11)
RCH_CODE:C(14)
RCH_DATE:date
STRM_LEVEL:N(5)
METERS:N(12)
GNIS_ID:C(8)
NAME:C(99)
F_MEAS:N(12,3)
T_MEAS:N(12,3)
DUU_ID:N(11)
RFLOW
REL_COM_ID:N(11)
COM_ID_1:N(11)
COM_ID_2:N(11)
SEQUENCE:N(3)
DIRECTION:N(5)
DIR_TEXT:C(24)
DELTA_LVL:N(5)
DFLOW
FLOW_ID_1:C(26)
FLOW_ID_2:C(26)
DIRECTION:N(5)
DELTA_LVL:N(5)
FCODE
FCODE:N(5)
FTYPE:C(24)
DESCRIPT:C(130)
ABW:C(32)
ANT:C(32)
CDY:C(32)
CGC:C(32)
COM:C(32)
COS:C(32)
FLO:C(32)
GTT:C(32)
HYC:C(32)
HZT:C(32)
IAT:C(32)
ICS:C(32)
IMC:C(32)
OPS:C(32)
PIT:C(32)
POA:C(32)
POT:C(32)
PRD:C(32)
RET:C(32)
RTS:C(32)
SOC:C(32)
STT:C(32)
SZT:C(32)
WAC:C(32)
WAT:C(32)
WIT:C(32)
RCL
OLD_RCHCDE:C(17)
OLD_RCHDTE:C(8)
NEW_RCHCDE:C(17)
NEW_RCHDTE:C(8)
OLD_UPMI:C(5)
NEW_UPMI:C(5)
CHG_CODE:C(4)
PROCESS:C(6)
RF_VER:C(10)
NHD_MD_PROCESS_DESC
CAN_NAME:C(8)
DUU_ID:N(11)
DUU_NAME:C(40)
DUU_DATE:C(8)
PROC_DESC:C(60)
PROC_DATE:C(8)
NHD_MD_ALL
DUU_ID:N(11)
DUU_NAME:C(40)
DUU_DATE:C(8)
PROC_DATE:C(8)
METADATA:clob
LINEARLM_geom (M_SHP)
COM_ID:N(11)
FTYPE:C(24)
FCODE:N(5)
METERS:N(12)
GNIS_ID:C(8)
NAME:C(99)
DUU2FEA
DUU_ID:N(11)
COM_ID:N(11)
AREARCH_geom (SHP)
COM_ID:N(11)
RCH_CODE:C(14)
RCH_DATE:date
SQ_KM:N(18,3)
GNIS_ID:C(8)
NAME:C(99)
DUUDOM_geom (SHP)
DUU_ID:N(11)
DUU_NAME:C(40)
DUU_DATE:date
POINT_geom (SHP)
COM_ID:N(11)
FTYPE:C(24)
FCODE:F(5)
GNIS_ID:C(8)
NAME:C(99)
WB_geom (SHP)
COM_ID:N(11)
(alternate WB_COM_ID)
RCH_COM_ID:N(11)
FTYPE:C(24)
FCODE:N(5)
ELEV:N(12,1)
STAGE:C(24)
SQ_KM:N(18,3)
GNIS_ID:C(8)
NAME:C(99)
AREALM_geom (SHP)
COM_ID:N(11)
FTYPE:C(24)
FCODE:N(5)
ELEV:N(12,1)
STAGE:C(24)
SQ_KM:N(18,3)
GNIS_ID:C(8)
NAME:C(99)
FREL
REL_COM_ID:N(11)
COM_ID_1:N(11)
COM_ID_2:N(11)
REL_TYPE:C(99)
RAD_NDZ_FBS
ST_FIPS:C(10)
NDZ_COUNT:N(10)
STATE_CODE:C(20)
NDZ:C(10)
NHD_FEAT_TRACK
CAN_NAME:C(8)
UNIQUE_ID:N(11)
TABLE_NAME:C(12)
CAN_DATE:C(8)
DUU_DATE:C(8)
NHD_CAN_INFO
CAN_NAME:C(8)
CAN_DATE:C(8)
SCALE_DENOM:C(8)
FOD2ARC_VERSION:C(5)
RAD_VERSION:C(5)
NHD_DUU_TRACK
CAN_NAME:C(8)
DUU_ID:N(11)
TABLE_NAME:C(12)
CAN_DATE:C(8)
DUU_DATE:C(8)
NODE_geom (SHP)
COM_ID:N(11)
FTYPE:C(24)
ABOVE_ID:N(11)
BELOW_ID:N(11)
NHDinSDE
Version 2.1
03/02/2005
NHD Shapes
NHD Point Shapes
NHD Digital Update Unit (DUU) Shapes
NHD Table Extensions
RAD Event Tables
RAD Event Auxiliary Tables
NHD Digital Update Unit (DUU) Table Extensions
Tracking Tables
Metadata Tables
Added Relationship
Cardinality = 0 or 1 to Many
Duel Added Relationship
Cardinality = 1
**Italicized fields for event tables apply to archive tables only.