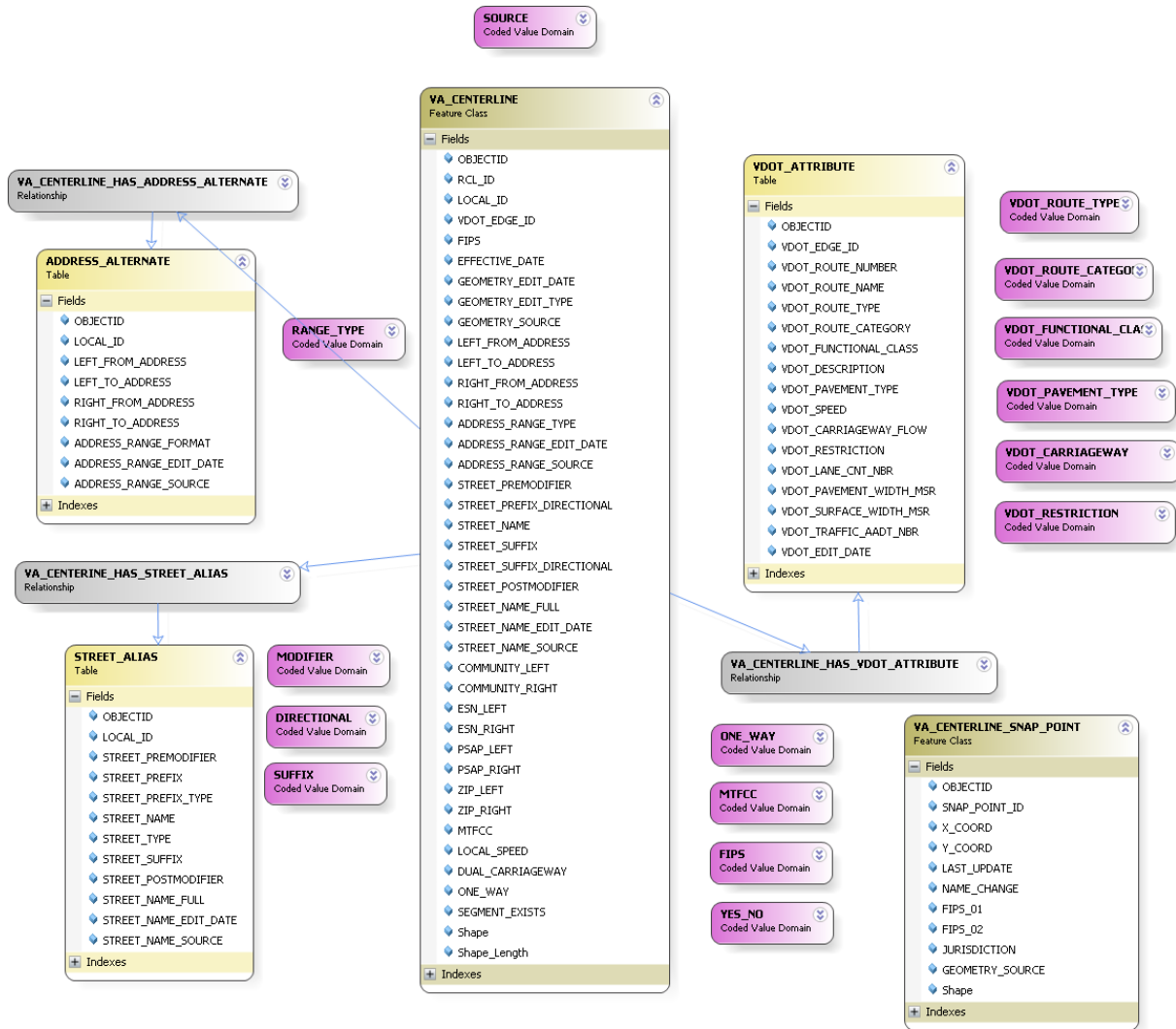




Proposed RCL Data Model



The proposed data model is the publication database from VGIN to the VA GIS clearinghouse. The model itself is semi-relational allowing all NENA attribution from Virginia localities to be stored on the centerline feature while also allowing the flexibility for containing more relational attributes if provided. Those additional attributes are street name (alias) and address ranges and they data can be stored within the subsequent table.

The following database elements are comprised in the model. An XML can be provided should you wish to preview the data model elements and connectivity in ArcGIS:



Feature Classes (light brown):

- VA_CENTERLINE
- VA_CENTERLINE_SNAP_POINT

Object Tables (Yellow)

- ADDRESS_ALTERNATE
- STREET_ALIAS
- VDOT_ATTRIBUTE

Relationship Classes (Grey)

- VA_CENTERLINE_HAS_ADDRESS_ALTERNATE
- VA_CENTERLINE_HAS_STREET_ALIAS
- VA_CENTERLINE_HAS_VDOT_ATTRIBUTE

Domains (Pink, work in progress)

- SOURCE
 - RANGE_FORMAT
 - MODIFIER
 - DIRECITONAL
 - SUFFIX
 - ONE_WAY
 - MTFCC
 - FIPS
 - YES_NO
 - VDOT_ROUTE_TYPE
 - VDOT_ROUTE_CATEGORY
 - VDOT_FUNCTIONAL_CLASS
 - VDOT_PAVEMENT_TYPE
 - VDOT_CARRIAGEWAY
 - VDOT_RESTRICTION
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