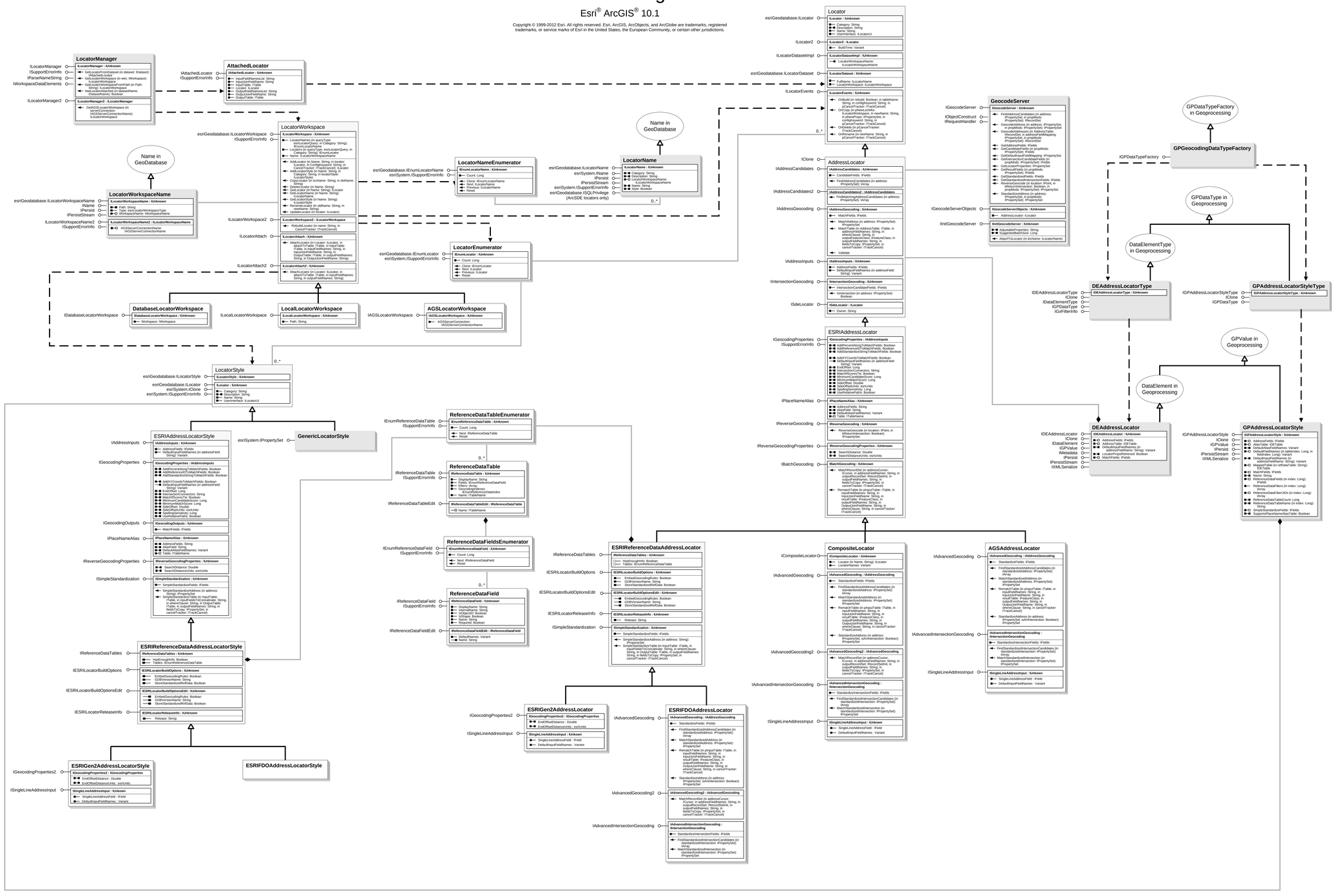
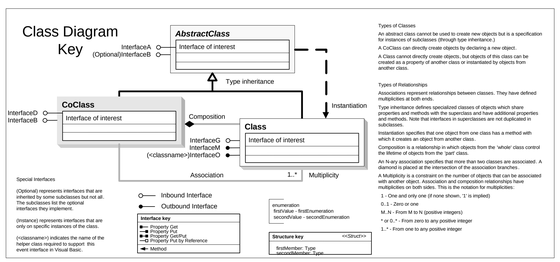
Location Object Model
Geocoding

Esri® ArcGIS® 10.1

Copyright © 1999-2012 Esri. All rights reserved. Esri, ArcGIS, ArcObjects, and ArcGlobe are trademarks, registered trademarks, or service marks of Esri in the United States, the European Community, or certain other jurisdictions.





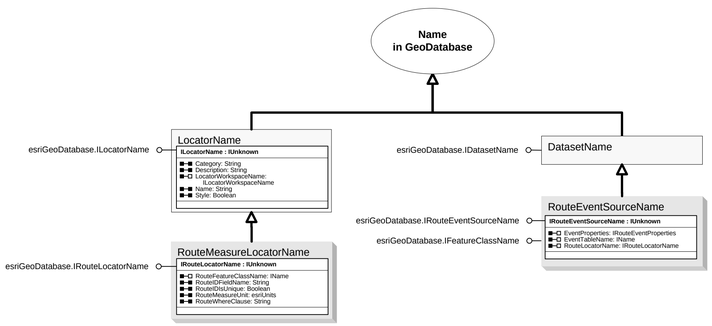
Enumerations

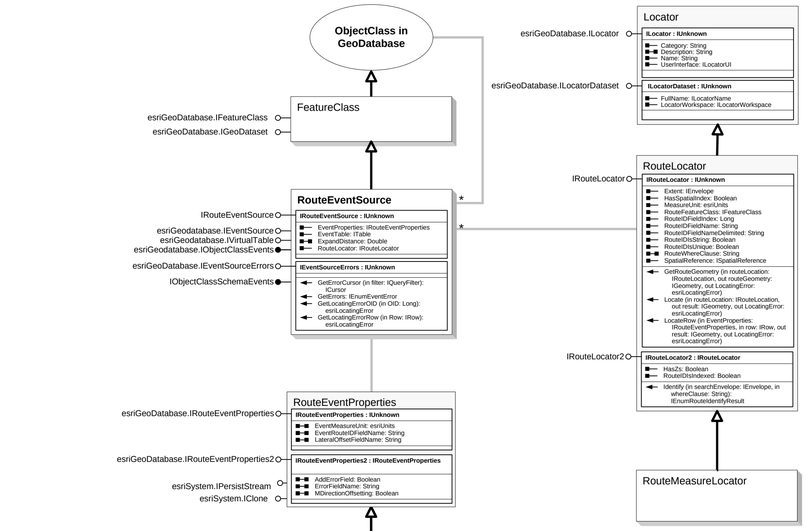
```
esriGeodatabase.esriLocatorQuery
0 - esriLocatorStyle
1 - esriLocator
2 - esriAllTypes

esriGeodatabase.esriLocatorWorkspaceType
0 - esriLocalSystemLocatorWorkspace
1 - esriFileSystemLocatorWorkspace
2 - esriRemoteDatabaseLocatorWorkspace
3 - esriExtensionLocatorWorkspace
4 - esriArcGISServerLocatorWorkspace
5 - esriLocalDatabaseLocatorWorkspace

esriGeocodingError
-2147220991 - GEOCODING_E_REFDATA_NOT_REGISTERED
-2147220990 - GEOCODING_E_CLASS_NOT_SUPPORTED
-2147220989 - GEOCODING_E_INTERSECTION_FIELDS_MISSING
-2147220988 - GEOCODING_E_REQUIRED_LOCATION_FIELD_MISSING
-2147220987 - GEOCODING_E_LOCATOR_TYPE_NOT_SUPPORTED
-2147220986 - GEOCODING_E_TABLE_HAS_NO_SR
-2147220985 - GEOCODING_E_TABLE_HAS_TOO_MANY_LOCATORS
-2147220983 - GEOCODING_E_TABLE_HAS_CORRUPTED_LOCATOR
-2147220982 - GEOCODING_E_INVALID_PROPERTIES
-2147220981 - GEOCODING_E_UNSUPPORTED_SSA_DATA
-2147220980 - GEOCODING_E_INVALID_LOCATOR_NAME
-2147220979 - GEOCODING_E_NO_LOCATOR_FOUND
-2147220978 - GEOCODING_E_LOCATOR_ALREADY_EXISTS
-2147220977 - GEOCODING_E_CANNOT_CREATE_LOC_FILE
-2147220976 - GEOCODING_E_NO_LICENSE
-2147220975 - GEOCODING_E_STREETMAP_NOT_ENABLED
-2147220974 - GEOCODING_E_OPTIONAL_INTERFACE_NOT_SUPPORTED
-2147220973 - GEOCODING_E_EDIT_SESSION_WAS_CANNOT_CREATE_LOCATOR
-2147220972 - GEOCODING_E_REQUIRED_BUILD_OPTIONS_NOT_SUPPORTED_FOR_LOCATOR
-2147220971 - GEOCODING_E_LOCATOR_DOES_NOT_EXIST
-2147220970 - GEOCODING_E_REMOTE_WKS_COPY_NOT_SUPPORTED_FOR_LOCATOR
-2147220969 - GEOCODING_E_REVERSE_GEOCODE_NO_ADDRESS_FOUND
```

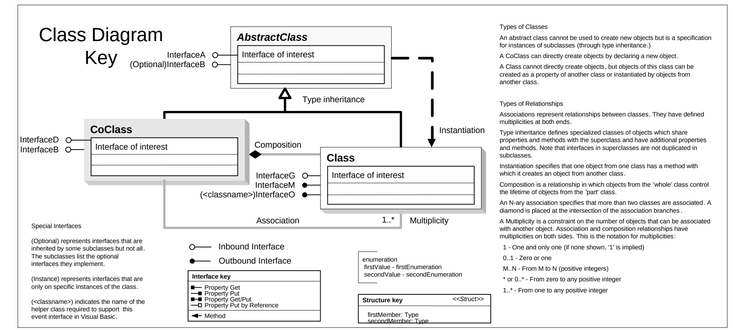
Location Object Model
Linear Referencing

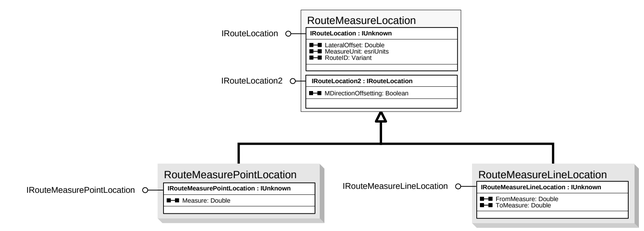
Esri® ArcGIS® 10.1

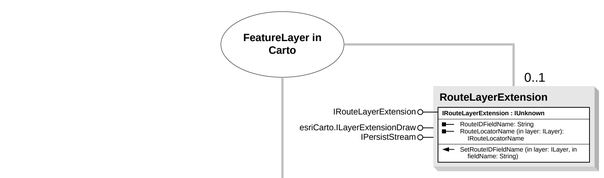
Copyright © 1999-2012 Esri. All rights reserved. Esri, ArcGIS, ArcObjects, and ArcGlobe are trademarks, registered trademarks, or service marks of Esri in the United States, the European Community, or certain other jurisdictions.



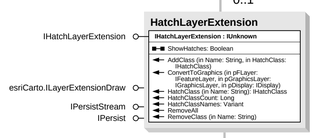




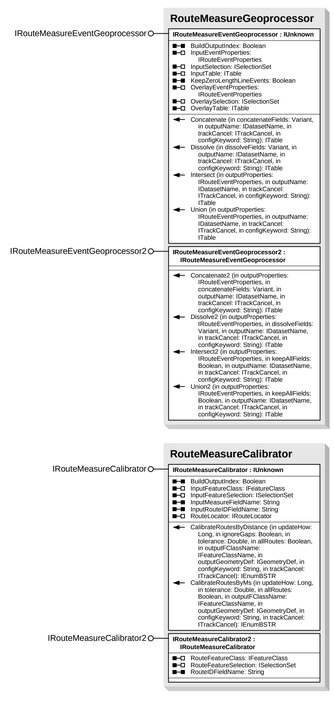


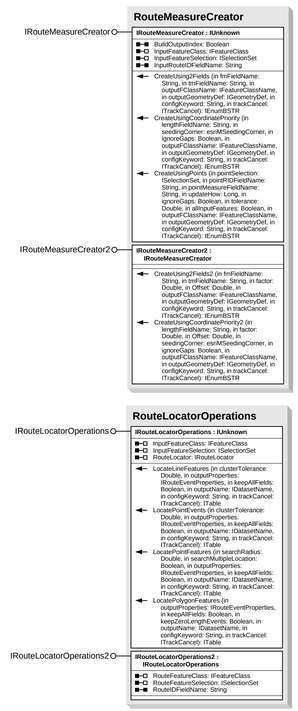


Hatching



Route and Event Geoprocessing





Interfaces

IEnumHatchDefinition : IUnknown

- Next (in pHatchInterval: Long, in pHatchDefinition: IHatchDefinition)
- Reset

IEnumRouteIdentifyResult : IUnknown

- Count: Long
- Next (out location: IRouteLocation, out route: IFeature)
- Reset

Enumerations

```
esriConvertHatchesToGraphicsType
0 - esriConvertHatchesWholeLayer
1 - esriConvertHatchesVisible
2 - esriConvertHatchesSelected

esriHatchAlignmentType
0 - esriHatchAlignRight
1 - esriHatchAlignCenter
2 - esriHatchAlignLeft

esriHatchExpressionEngine
0 - esriHatchVBScriptEngine
1 - esriHatchJScriptEngine

esriHatchTextDisplay
0 - esriHatchTDValueOnly
1 - esriHatchTDPrefixSuffix
2 - esriHatchTDExpression
3 - esriHatchTDNone

esriMSeedingCorner
0 - esriMSeedingUpperLeft
1 - esriMSeedingBottomLeft
2 - esriMSeedingUpperRight
3 - esriMSeedingBottomRight
```

```
esriRouteEventError
-2147220991 - ROUTEEVENT_E_NOT_FEATURECLASSNAME
-2147220990 - ROUTEEVENT_E_LOCATORNAME_NOT_CORRECTLY_SETUP
-2147220989 - ROUTEEVENT_E_NOT_POLYLINE_FEATURECLASS
-2147220988 - ROUTEEVENT_E_CANT_FIND_RIDFIELD
-2147220987 - ROUTEEVENT_E_INVALID_RIDFIELD
-2147220986 - ROUTEEVENT_E_NOT_POLYLINEM_FEATURECLASS
-2147220985 - ROUTEEVENT_E_NOT_EVENTPROPERTY_OBJECT
-2147220984 - ROUTEEVENT_E_CANT_FIND_EVT_RIDFIELD
-2147220983 - ROUTEEVENT_E_INVALID_EVT_RIDFIELD
-2147220982 - ROUTEEVENT_E_CANT_FIND_EVT_MFIELD
-2147220981 - ROUTEEVENT_E_CANT_FIND_EVT_FMFIELD
-2147220980 - ROUTEEVENT_E_INVALID_EVT_MFIELD
-2147220979 - ROUTEEVENT_E_INVALID_EVT_FMFIELD
-2147220978 - ROUTEEVENT_E_CANT_FIND_EVT_TMFIELD
-2147220977 - ROUTEEVENT_E_INVALID_EVT_TMFIELD
-2147220976 - ROUTEEVENT_E_CANT_FIND_EVT_LOFIELD
-2147220975 - ROUTEEVENT_E_INVALID_EVT_LOFIELD
-2147220974 - ROUTEEVENT_E_CANT_CONVERT_RID_STRING
-2147220973 - ROUTEEVENT_E_NOT_SOURCENAME_NOT_CORRECTLY_SETUP
-2147220972 - ROUTEEVENT_E_NOT_DATASETNAME
-2147220971 - ROUTEEVENT_E_NOT_EVENTPROPERTY_NOT_CORRECTLY_SETUP
-2147220970 - ROUTEEVENT_E_CANT_SELECT
-2147220969 - ROUTEEVENT_E_CANT_CREATE_ROUTECURSOR
-2147220968 - ROUTEEVENT_E_ROUTEFEATURECLASS_TOO_LARGE
-2147220967 - ROUTEEVENT_E_CANT_DELETE_FIELD
-2147220966 - ROUTEEVENT_E_CANT_CREATE_TMP_FILE
-2147220965 - ROUTEEVENT_E_CANT_READ_TMP_FILE
-2147220964 - ROUTEEVENT_E_INVALID_OUTPUT_FIELD
-2147220963 - ROUTEEVENT_E_OBJECTCLASS_EXISTS
-2147220962 - ROUTEEVENT_E_DUPLICATED_FIELDS
-2147220961 - ROUTEEVENT_E_NO_OIDFIELD
-2147220960 - ROUTEEVENT_E_NOT_POINTFEATURE
-2147220959 - ROUTEEVENT_E_NOT_POLYLINEFEATURE
-2147220958 - ROUTEEVENT_E_NOT_POLYGONEFEATURE
-2147220957 - ROUTEEVENT_E_NOT_RESFC
-2147220956 - ROUTEEVENT_E_NOT_LICENSED
```

```
esriGeocodingError
-2147220991 - GEOCODING_E_REFDATA_NOT_REGISTERED
-2147220990 - GEOCODING_E_UNCLASS_NOT_SUPPORTED
-2147220989 - GEOCODING_E_INTERSECTION_FIELDS_MISSING
-2147220988 - GEOCODING_E_REQUIRED_LOCATION_FIELD_MISSING
-2147220987 - GEOCODING_E_LOCATOR_CLASS_NOT_SUPPORTED
-2147220986 - GEOCODING_E_TABLE_HAS_NO_OID
-2147220985 - GEOCODING_E_TABLE_HAS_TOO_MANY_LOCATORS
-2147220983 - GEOCODING_E_TABLE_HAS_CORRUPTED_LOCATOR
-2147220982 - GEOCODING_E_INVALID_PROPERTIES
-2147220981 - GEOCODING_E_UNSUPPORTED_SSA_DATA
-2147220980 - GEOCODING_E_INVALID_LOCATOR_NAME
-2147220979 - GEOCODING_E_NOT_LOCATOR_OWNER
-2147220978 - GEOCODING_E_LOCATOR_ALREADY_EXISTS
-2147220977 - GEOCODING_E_CANNOT_CREATE_LOC_FILE
-2147220976 - GEOCODING_E_NO_LICENSE
-2147220975 - GEOCODING_E_STREETMAP_NOT_ENABLED
-2147220974 - GEOCODING_E_OPTIONAL_INTERFACE_NOT_SUPPORTED
-2147220973 - GEOCODING_E_LOCATOR_WKS_CANNOT_CREATE_LOCATOR
-2147220972 - GEOCODING_E_REBUILD_NOT_SUPPORTED_FOR_LOCATOR
-2147220971 - GEOCODING_E_LOCATOR_DOES_NOT_EXIST
-2147220970 - GEOCODING_E_REMOTE_WKS_COPY_NOT_SUPPORTED_FOR_LOCATOR
```