

Common Services

Authentication Service

AuthenticationService
AuthenticationService.asmx?wsdl
← <i>GetVersion</i> () : string
← <i>GetToken</i> (string userID, string password) : string
← <i>ValidateToken</i> (string authToken) : bool

AccountInfo Service

AccountInfoService
AccountInfoService.asmx?wsdl
← <i>GetVersion</i> () : string
← <i>GetUsageStats</i> (string authToken, datetime from, datetime to) : ServiceUsageReportItem[]
← <i>GetCreditsRemaining</i> (string authToken) : int

Key

Service Name

Interface Key

■ Request/Response Property
■ Request Property
■ Response Property
← Method

Method names in *italics* cost no credits.

Services

http://cicero.avencia.com/Avencia.Cicero.WebService.v2/

GeocodingService

GeocodingService.asmx?wsdl
← <i>GetVersion</i> () : string
← <i>GetDistrictsByAddress</i> (string authToken, string address, string city, string state, string postalCode, string country, string districtType*) : Location[]
← <i>GetDistrictsByCoordinates</i> (string authToken, double latitude, double longitude, string districtType*) : DistrictInfo[]

NonLegislativeDistrictService

NonLegislativeDistrictService.asmx?wsdl
← <i>GetVersion</i> () : string
← <i>GetDistrictTypeList</i> (string authToken) : string[]
← <i>GetDistrictsByAddress</i> (string authToken, string address, string city, string state, string postalCode, string districtType**) : Location[]
← <i>GetDistrictsByCoordinates</i> (string authToken, double latitude, double longitude, string districtType**) : DistrictInfo[]

ElectedOfficialQueryService

ElectedOfficialQueryService.asmx?wsdl
← <i>GetVersion</i> () : string
← <i>GetOfficialsByAddress</i> (string authToken, string address, string city, string state, string postalCode, string country, string districtType, bool includeAtLarge) : ElectedOfficialInfo[]
← <i>GetOfficialsByCoordinates</i> (string authToken, double latitude, double longitude, string districtType* bool includeAtLarge) : ElectedOfficialInfo[]
← <i>GetOfficialsByDistrictIDList</i> (string authToken, string districtIDList, string city, string state, string country, string districtType*, bool includeAtLarge) : ElectedOfficialInfo[]
← <i>GetOfficialsByLastName</i> (string authToken, string lastName, string city, string state, string country, string districtType*, bool includeAtLarge) : ElectedOfficialInfo[]
← <i>GetAssemblyList</i> (string authToken, string country, string districtType*) : AssemblyInfo[]
← <i>GetAssemblyListByName</i> (string authToken, string name) : AssemblyInfo[]
← <i>GetLastDistrictUpdateDate</i> (string authToken, string districtIDList, string city, string state, string country, string districtType, bool includeAtLarge) : DateTime
← <i>GetLastAssemblyUpdateDate</i> (string authToken, string assemblyName, string country, string districtType) : DateTime

MapGenerationService

MapGenerationService.asmx?wsdl
← <i>GetVersion</i> () : string
← <i>GetMapByExtent</i> (string authToken, string districtID, string city, string state, string country, string districtType*, MapEnvelope mapExtent, ImageSpecification imageSpec) : MapResponse
← <i>GetMapByDistrictID</i> (string authToken, string districtID, string city, string state, string country, string districtType*, ImageSpecification imageSpec) : MapResponse

* Enter a DistrictType of "ALL" to get results for every legislative level. To reduce the number of results returned, a particular district type such as "STATE_UPPER", "NATIONAL_LOWER" can be requested. Map Requests should have a specific DistrictType requested.
 ** Nonlegislative districts have different types that can be retrieved using the GetDistrictTypeList operation of the NonLegislativeDistrictService.

Utility Objects

ElectedOfficialInfo

■ ElectedOfficialID : string
■ AssemblyName : string
■ DistrictID : string
■ DistrictIDLabel : string
■ DistrictType* : string
■ IsAtLarge : bool
■ Party : string
■ RepresentingState : string
■ RepresentingCity : string
■ TermStartDate : datetime
■ TermStartDatePrecision : string {M,D,Y}
■ TermEndDate : datetime
■ TermEndDatePrecision : string {M,D,Y}
■ Country : string
■ Salutation : string
■ FirstName : string
■ MiddleInitial : string
■ LastName : string
■ NameSuffix : string
■ Title : string
■ PrimaryAddress1 : string
■ PrimaryAddress2 : string
■ PrimaryAddress3 : string
■ PrimaryCity : string
■ PrimaryState : string
■ PrimaryPostalCode : string
■ PrimaryPhone1 : string
■ PrimaryPhone2 : string
■ PrimaryFax1 : string
■ PrimaryFax2 : string
■ SecondaryAddress1 : string
■ SecondaryAddress2 : string
■ SecondaryAddress3 : string
■ SecondaryCity : string
■ SecondaryState : string
■ SecondaryPostalCode : string
■ SecondaryPhone1 : string
■ SecondaryPhone2 : string
■ SecondaryFax1 : string
■ SecondaryFax2 : string
■ EMail1 : string
■ EMail2 : string
■ Url1 : string
■ Url2 : string
■ Description : string
■ Committees : string
■ LastUpdateDate : datetime

ImageSpecification

■ BoundaryColor : string (e.g., #FFFFFF)
■ BoundaryOpacity : decimal {0.0 – 1.0}
■ BoundaryWidth : int
■ FillColor : string (e.g., #FFFFFF)
■ FillOpacity : decimal {0.0 – 1.0}
■ ImageFormat : string {PNG, GIF}
■ MapWidth : int
■ MapHeight : int
■ Projection : string (e.g., EPSG:4326)

Location

■ Latitude : double
■ Longitude : double
■ OriginalAddress : string
■ StandardizedAddress : string
■ City : string
■ State : string
■ Country : string
■ PostalCode : string
■ MatchScore : int
■ Districts : DistrictInfo[]

DistrictInfo

■ DistrictID : string
■ DistrictType* : string
■ DistrictSubType : string
■ City : string
■ State : string
■ Country : string

NonLegDistrictInfo

■ DistrictID : string
■ DistrictType* : string
■ DistrictSubType : string
■ City : string
■ State : string
■ Country : string
■ Label : string

ElectedAssemblyInfo

■ Name : string
■ Type : string
■ City : string
■ State : string
■ Country : string
■ LastRedistrictYear : string
■ NextRedistrictYear : string
■ LastElectionDate : string
■ NextElectionDate : string

MapEnvelope

■ MaxX : double
■ MaxXMeters : double
■ MaxY : double
■ MaxYMeters : double
■ MinX : double
■ MinXMeters : double
■ MinY : double
■ MinYMeters : double

Projections based in meters will return lat / long and meters values

MapResponse

■ MapExtent : MapEnvelope
■ LegendUrl : string
■ MapUrl : string
■ OverviewMapUrl : string

ServiceUsageReportItem

■ Month : int
■ Year : int
■ Activity : string
■ ActivitySubType : string
■ ActivityCount : string

