

Common Services

Authentication Service

AuthenticationService
AuthenticationService.asmx?wsdl
<ul style="list-style-type: none"> ← <i>GetVersion</i> () : string ← <i>GetToken</i> (string userID, string password) : string ← <i>ValidateToken</i> (string authToken) : bool

AccountInfo Service

AccountInfoService
AccountInfoService.asmx?wsdl
<ul style="list-style-type: none"> ← <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.azavea.com/Azavea.Cicero.Webservice.v2/

GeocodingService

GeocodingService.asmx?wsdl
<ul style="list-style-type: none"> ← <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
<ul style="list-style-type: none"> ← <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
<ul style="list-style-type: none"> ← <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
<ul style="list-style-type: none"> ← <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
- Uri1 : string
- Uri2 : 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

