ArcServerLink(string: portalUrl,string: userName,string: password)

Attributes
user_name: string
portal_url: string
password: string
token: string
token_expire_time: string

Methods
generateToken(): void -update object properties
checkTokenExpiration(): void
postTFRShapefiles(TFRShapefileProcessor): bool
deleteExistingFeaturesInClass(): void

NotamInfo(string faaTfrUrl)

Methods
getNotamShapefileUrls: <List><string>

ShapefileRetriever()

Methods
retrieve(string url):TFRShapefile object

TFRShapefile()

Attributes
-shp: in-memory shape information
-dbf: in-memory dbf table information
-shx: in-memory shx information
-prj: in-memory projection information
-prj_string: string (esri prj string)

TFRShapefileProcessor()

Attributes
-tfr_shapefile_information: TFR shapefile attributes

Methods
processShapfile(TFRShapefile inShape): void
convertCoordinates(inX,inY,inProj,outProj): list[x,y]

Program Logic
1.) Create NotamINFO object and get back a list of TFR Shapefile URLS
2.) Instantiate the ShapefileRetriever class
3.) for each shapefile url, get a shapefile object from the Retriever
4.) Add shapefile objects to the TFRShapefileProcessor
5.) PAss the TFRShapefileProcessor to ArcServer Link in the post method