Service Connect.dll

HttpServiceRequest

Senkron istekte bulunur. Servisin güvenlik prosedürüne göre aşağıdaki gibi örneklenir.

Örn.

|  |
| --- |
| // Not Authentication.  HttpServiceRequest httpServiceRequest = new HttpServiceRequest();  // Basic Authentication.  HttpServiceRequest httpServiceRequest = new HttpServiceRequest("userName","password");  // Token Based Authentication.  HttpServiceRequest httpServiceRequest = new HttpServiceRequest("token");  // Token Based Authentication.  HttpServiceRequest httpServiceRequest = new HttpServiceRequest("userName","password","tokenUrl"); |

1. httpServiceRequest.GET(string requestUrl, int timeOut = 0, string contentType = null)

Gönderilen Url adresine GET metoduyla istekte bulunur.

Geriye json formatında String Döner.

1. httpServiceRequest.GET<T>(string requestUrl, int timeOut = 0, string contentType = null)

Gönderilen Url adresine GET metoduyla istekte bulunur.

Geriye istenilen obje türünde veri döndürür.

1. httpServiceRequest.POST(string requestUrl, object responseObject, int timeOut = 0,

string contentType = null)

Gönderilen Url adresine gönderilen obje ile POST metoduyla istekte bulunur.

Geriye json formatında String Döner.

1. httpServiceRequest.POST(string requestUrl, string responseObject, int timeOut = 0,

string contentType = null)

Gönderilen Url adresine gönderilen string ile POST metoduyla istekte bulunur.

Geriye json formatında String Döner.

1. httpServiceRequest.POST<T>(string requestUrl, object responseObject, int timeOut = 0,

string contentType = null)

Gönderilen Url adresine gönderilen obje ile POST metoduyla istekte bulunur.

Geriye istenilen obje türünde veri döndürür.

1. httpServiceRequest.POST<T>(string requestUrl, string responseObject int timeOut = 0,

string contentType = null)

Gönderilen Url adresine gönderilen string ile POST metoduyla istekte bulunur.

Geriye istenilen obje türünde veri döndürür.

1. httpServiceRequest.PUT(string requestUrl, object responseObject, int timeOut = 0,

string contentType = null)

Gönderilen Url adresine gönderilen obje ile PUT metoduyla istekte bulunur.

Geriye json formatında String Döner.

1. httpServiceRequest.PUT(string requestUrl, string responseObject, int timeOut = 0,

string contentType = null)

Gönderilen Url adresine gönderilen string ile PUT metoduyla istekte bulunur.

Geriye json formatında String Döner.

1. httpServiceRequest.PUT<T>(string requestUrl, object responseObject, int timeOut = 0,

string contentType = null)

Gönderilen Url adresine gönderilen obje ile PUT metoduyla istekte bulunur.

Geriye istenilen obje türünde veri döndürür.

1. httpServiceRequest.PUT<T>(string requestUrl, string responseObject, int timeOut = 0,

string contentType = null)

Gönderilen Url adresine gönderilen string ile PUT metoduyla istekte bulunur.

Geriye istenilen obje türünde veri döndürür.

1. httpServiceRequest.DELETE(string requestUrl, int timeOut = 0, string contentType = null)

Gönderilen Url adresine DELETE metoduyla istekte bulunur.

Geriye json formatında String Döner.

1. httpServiceRequest.DELETE<T>(string requestUrl, int timeOut = 0, string contentType = null)

Gönderilen Url adresine DELETE metoduyla istekte bulunur.

Geriye istenilen obje türünde veri döndürür.

|  |
| --- |
| public class Request  {  public string Method { get; set; }  public string ContentType { get; set; }  public string Authorization { get; set; }  public string[] Headers { get; set; }  public string Body { get; set; }  public int TimeOut { get; set; }  } |

1. httpServiceRequest.REQUEST(string requestUrl, Request obj)

Gönderilen Url adresine Gönderilen “Request” objesindeki verilere göre istekte bulunur.

Authentication ‘ın Manuel girilmesi gerekir örneklemede tanımlanan Authentication bilgilerini kullanmaz !!!!

Geriye json formatında String Döner.

1. httpServiceRequest.REQUEST<T>(string requestUrl, Request obj)

Gönderilen Url adresine Gönderilen “Request” objesindeki verilere göre istekte bulunur.

Authentication ‘ın Manuel girilmesi gerekir örneklemede tanımlanan Authentication bilgilerini kullanmaz !!!!

Geriye istenilen obje türünde veri döndürür.

HttpServiceAsyncRequest

Asenkron istekte bulunur. Servisin güvenlik prosedürüne göre aşağıdaki gibi örneklenir. Çağırıldığı metod ”async” olmalıdır ve ”await” anahtar gelimesiyle metodlar çağırılmalıdır.

Örn.

|  |
| --- |
| // Not Authentication.  HttpServiceAsyncRequest httpServiceAsyncRequest = new HttpServiceAsyncRequest();  // Basic Authentication.  HttpServiceAsyncRequest httpServiceAsyncRequest = new HttpServiceAsyncRequest("userName","password");  // Token Based Authentication.  HttpServiceAsyncRequest httpServiceAsyncRequest = new HttpServiceAsyncRequest("token");  // Token Based Authentication.  HttpServiceAsyncRequest httpServiceAsyncRequest = new HttpServiceAsyncRequest("userName","password","tokenUrl"); |

1. await httpServiceAsyncRequest.GET(string requestUrl, int timeOut = 0,

string contentType = null)

Gönderilen Url adresine GET metoduyla istekte bulunur.

Geriye json formatında String Döner.

1. await httpServiceAsyncRequest.GET<T>(string requestUrl, int timeOut = 0,

string contentType = null)

Gönderilen Url adresine GET metoduyla istekte bulunur.

Geriye istenilen obje türünde veri döndürür.

1. await httpServiceAsyncRequest.POST(string requestUrl, object responseObject, int timeOut = 0,

string contentType = null)

Gönderilen Url adresine gönderilen obje ile POST metoduyla istekte bulunur.

Geriye json formatında String Döner.

1. await httpServiceAsyncRequest.POST(string requestUrl, string responseObject, int timeOut = 0,

string contentType = null)

Gönderilen Url adresine gönderilen string ile POST metoduyla istekte bulunur.

Geriye json formatında String Döner.

1. await httpServiceAsyncRequest.POST<T>(string requestUrl, object responseObject,

int timeOut = 0, string contentType = null)

Gönderilen Url adresine gönderilen obje ile POST metoduyla istekte bulunur.

Geriye istenilen obje türünde veri döndürür.

1. await httpServiceAsyncRequest.POST<T>(string requestUrl, string responseObject,

int timeOut = 0, string contentType = null )

Gönderilen Url adresine gönderilen string ile POST metoduyla istekte bulunur.

Geriye istenilen obje türünde veri döndürür.

1. await httpServiceAsyncRequest.PUT(string requestUrl, object responseObject,

int timeOut = 0, string contentType = null)

Gönderilen Url adresine gönderilen obje ile PUT metoduyla istekte bulunur.

Geriye json formatında String Döner.

1. await httpServiceAsyncRequest.PUT(string requestUrl, string responseObject,

int timeOut = 0, string contentType = null)

Gönderilen Url adresine gönderilen string ile PUT metoduyla istekte bulunur.

Geriye json formatında String Döner.

1. await httpServiceAsyncRequest.PUT<T>(string requestUrl, object responseObject,

int timeOut = 0, string contentType = null)

Gönderilen Url adresine gönderilen obje ile PUT metoduyla istekte bulunur.

Geriye istenilen obje türünde veri döndürür.

1. await httpServiceAsyncRequest.PUT<T>(string requestUrl, string responseObject,

int timeOut = 0, string contentType = null)

Gönderilen Url adresine gönderilen string ile PUT metoduyla istekte bulunur.

Geriye istenilen obje türünde veri döndürür.

1. await httpServiceAsyncRequest.DELETE(string requestUrl,

int timeOut = 0, string contentType = null)

Gönderilen Url adresine DELETE metoduyla istekte bulunur.

Geriye json formatında String Döner.

1. await httpServiceAsyncRequest.DELETE<T>(string requestUrl, int timeOut = 0,

string contentType = null)

Gönderilen Url adresine DELETE metoduyla istekte bulunur.

Geriye istenilen obje türünde veri döndürür.

|  |
| --- |
| public class Request  {  public string Method { get; set; }  public string ContentType { get; set; }  public string Authorization { get; set; }  public string[] Headers { get; set; }  public string Body { get; set; }  public int TimeOut { get; set; }  } |

1. await httpServiceAsyncRequest.REQUEST(string requestUrl, Request obj)

Gönderilen Url adresine Gönderilen “Request” objesindeki verilere göre istekte bulunur.

Authentication ‘ın Manuel girilmesi gerekir örneklemede tanımlanan Authentication bilgilerini kullanmaz !!!!

Geriye json formatında String Döner.

1. await httpServiceAsyncRequest.REQUEST<T>(string requestUrl, Request obj)

Gönderilen Url adresine Gönderilen “Request” objesindeki verilere göre istekte bulunur.

Authentication ‘ın Manuel girilmesi gerekir örneklemede tanımlanan Authentication bilgilerini kullanmaz !!!!

Geriye istenilen obje türünde veri döndürür.

Örn:

|  |
| --- |
| using System;  using System.Collections.Generic;  using ServiceConnect;  using ServiceConnect.Object;  namespace TestServiceControl  {  class Program  {  static void Main(string[] args)  {  FillData(); // Default  FillDataAsync(); // Async  FillDataBasic(); // Basic Authentication  FillDataAsyncBasic(); // Basic Authentication Async  FillDataToken(); // Token Authentication  FillDataAsyncToken(); // Token Authentication Async  FillDataTokenManuel(); // Token Authentication Manuel & REQUEST Method  FillDataAsyncTokenManuel(); // Token Authentication Async Manuel & Async REQUEST Method  }  private static void FillData()  {  HttpServiceRequest request = new HttpServiceRequest();  string json = "{'Key':Value,'Key':Value}";  object response;  // GET  response = request.GET("http://192.168.1.79/ExampleApi/api/Products/Gets");  // POST  response = request.POST("http://192.168.1.79/ExampleApi/api/Products/Create", json);  // PUT  response = request.PUT("http://192.168.1.79/ExampleApi/api/Products/Update", json);  // DELETE  response = request.DELETE("http://192.168.1.79/ExampleApi/api/Products/Delete/5");  }  private async static void FillDataAsync()  {  HttpServiceAsyncRequest asyncRequest = new HttpServiceAsyncRequest();  string json = "{'Key':Value,'Key':Value}";  object response;  // GET  response = await asyncRequest.GET("http://192.168.1.79/ExampleApi/api/Products/Gets");  // POST  response = await asyncRequest.POST("http://192.168.1.79/ExampleApi/api/Products/Create", json);  // PUT  response = await asyncRequest.PUT("http://192.168.1.79/ExampleApi/api/Products/Update", json);  // DELETE  response = await asyncRequest.DELETE("http://192.168.1.79/ExampleApi/api/Products/Delete/5");  }  private static void FillDataBasic()  {  HttpServiceRequest request = new HttpServiceRequest("test", "1234");  string json = "{'Key':Value,'Key':Value}";  object response;  // GET  response = request.GET("http://192.168.1.79/ExampleApis/api/Products/Gets");  // POST  response = request.POST("http://192.168.1.79/ExampleApis/api/Products/Create", json);  // PUT  response = request.PUT("http://192.168.1.79/ExampleApis/api/Products/Update", json);  // DELETE  response = request.DELETE("http://192.168.1.79/ExampleApis/api/Products/Delete/5");  }  private async static void FillDataAsyncBasic()  {  HttpServiceAsyncRequest asyncRequest = new HttpServiceAsyncRequest("test", "1234");  string json = "{'Key':Value,'Key':Value}";  object response;  // GET  response = await asyncRequest.GET("http://192.168.1.79/ExampleApis/api/Products/Gets");  // POST  response = await asyncRequest.POST("http://192.168.1.79/ExampleApis/api/Products/Create", json);  // PUT  response = await asyncRequest.PUT("http://192.168.1.79/ExampleApis/api/Products/Update", json);  // DELETE  response = await asyncRequest.DELETE("http://192.168.1.79/ExampleApis/api/Products/Delete/5");  }  private static void FillDataToken()  {  HttpServiceRequest request = new HttpServiceRequest("test","1234","http://192.168.1.79/ExampleApiTokenBased/Token");  string json = "{'Key':Value,'Key':Value}";  object response;  // GET  response = request.GET("http://192.168.1.79/ExampleApiTokenBased/api/Product/Gets");  // POST  response = request.POST("http://192.168.1.79/ExampleApiTokenBased/api/Product/Create", json);  // PUT  response = request.PUT("http://192.168.1.79/ExampleApiTokenBased/api/Product/Update", json);  // DELETE  response = request.DELETE("http://192.168.1.79/ExampleApiTokenBased/api/Product/Delete/5");  }  private static async void FillDataAsyncToken()  {  HttpServiceAsyncRequest asyncRequest = new HttpServiceAsyncRequest("test", "1234","http://192.168.1.79/ExampleApiTokenBased/Token");  string json = "{'Key':Value,'Key':Value}";  object response;  // GET  response = await asyncRequest.GET("http://192.168.1.79/ExampleApiTokenBased/api/Product/Gets");  // POST  response = await asyncRequest.POST("http://192.168.1.79/ExampleApiTokenBased/api/Product/Create", json);  // PUT  response = await asyncRequest.PUT("http://192.168.1.79/ExampleApiTokenBased/api/Product/Update", json);  // DELETE  response = await asyncRequest.DELETE("http://192.168.1.79/ExampleApiTokenBased/api/Product/Delete/5");  }  private static void FillDataTokenManuel()  {  HttpServiceRequest tokenRequest = new HttpServiceRequest();  Request requestObject = new Request();  requestObject.Method = "POST";  requestObject.Content\_Type = "application/x-www-form-urlencoded";  requestObject.Body = "grant\_type=password&username=test&password=1234";  //REQUEST  string token = tokenRequest.REQUEST("http://192.168.1.79/ExampleApiTokenBased/Token", requestObject);  token = ConvertJsonToToken(token);  HttpServiceRequest request = new HttpServiceRequest(token);  string json = "{'Key':Value,'Key':Value}";  object response;  // GET  response = request.GET("http://192.168.1.79/ExampleApiTokenBased/api/Product/Gets");  // POST  response = request.POST("http://192.168.1.79/ExampleApiTokenBased/api/Product/Create", json);  // PUT  response = request.PUT("http://192.168.1.79/ExampleApiTokenBased/api/Product/Update", json);  // DELETE  response = request.DELETE("http://192.168.1.79/ExampleApiTokenBased/api/Product/Delete/5");  }  private static async void FillDataAsyncTokenManuel()  {  HttpServiceAsyncRequest tokenRequest = new HttpServiceAsyncRequest();  Request requestObject = new Request();  requestObject.Method = "POST";  requestObject.Content\_Type = "application/x-www-form-urlencoded";  requestObject.Body = "grant\_type=password&username=test&password=1234";  //REQUEST  string token = await tokenRequest.REQUEST("http://192.168.1.79/ExampleApiTokenBased/Token", requestObject);  token = ConvertJsonToToken(token);  HttpServiceAsyncRequest request = new HttpServiceAsyncRequest(token);  string json = "{'Key':Value,'Key':Value}";  object response;  // GET  response = await request.GET("http://192.168.1.79/ExampleApiTokenBased/api/Product/Gets");  // POST  response = await request.POST("http://192.168.1.79/ExampleApiTokenBased/api/Product/Create", json);  // PUT  response = await request.PUT("http://192.168.1.79/ExampleApiTokenBased/api/Product/Update", json);  // DELETE  response = await request.DELETE("http://192.168.1.79/ExampleApiTokenBased/api/Product/Delete/5");  }  private static string ConvertJsonToToken(string strJson)  {  strJson = strJson.Replace('{', ' ').Trim().Replace('}', ' ').Trim().Replace('\"', ' ').Trim();  string[] arrayStrJson = strJson.Split(',');  string token = String.Empty;  string tokenType = String.Empty;  foreach (var item in arrayStrJson)  {  if (item.Split(':')[0].Trim() == "access\_token")  token = item.Trim().Split(':')[1];  if (item.Split(':')[0].Trim() == "token\_type")  tokenType = item.Trim().Split(':')[1];  }  return tokenType + " " + token;  }  }  } |