**ASP.NET SDK Version 2 Implementation Steps**

**Setup**

1. Add social login interface code from your LoginRadius user account to your webpage.
2. Set-up the callback URL in your LoginRadius user account, this is the URL where user would be redirected after authentication.
3. Copy **LoginRadius.sdk.dll** and **LoginRadius.sdk.pdb** SDK file to your project directory and follow the instructions to implement the SDK into your callback page from the “**Implementation**” section below.

**Implementation**

1. Include SDK files in your code.

using LoginRadius.SDK;

using LoginRadius.SDK.API;

using LoginRadius.SDK.Models;

1. Create LoginRadiusCallback object to get loginradius access token:-

LoginRadiusCallback callback = new LoginRadiusCallback ();

1. Check, if Request as LoginRadius callback, after user successfully logged the provider in:-

If ( callback.IsCallback)

{

var accessToken = callback.GetAccessToken(“API\_SECRET”);

//store accessToken in session to post status and send direct message.

Session[“token”] = accessToken;

}

**Note:** Replace **API\_SECRET** in the above code with your LoginRadius API Secret.

1. Create client object (by passing **accessToken** fetched in the previous step) to make request to get user data:-

LoginRadiusClient client = new LoginRadiusClient(accessToken);

1. Create **UserProfileAPI** object and Call method **client.GetResponse<LoginRadiusUltimateuserProfile>()** to get ultimate user profile data using created **UserProfileAPI** object and **LoginRadiusUltimateUserProfile** model class as interface to map user profile data :-

//include this

using LoginRadius.SDK.Models.UserProfile;

// create object

UserProfileAPI userprofile = new UserProfileAPI();

var userProfileData = client.GetResponse<LoginRadiusUltimateUserProfile>(userprofile);

Above data is normalized into LoginRadius' standard data format.

1. Call method **client.GetResponse<<List<LoginRadiusAlbum>>()** to get user’s album data:-

// To get user album data

using LoginRadius.SDK.Models.Album;

AlbumAPI albums = new AlbumAPI();

var userAlbums = client.GetResponse<List<LoginRadiusAlbum>>(albums);

Above data is normalized into LoginRadius' standard data format.

1. Call method **client.GetResponse<<List<LoginRadiusPhoto>>()** with Album ID as argument to get user’s photo data for that album. :-

//To get user photo data

using LoginRadius.SDK.Models.Photo;

PhotoAPI photos = new PhotoAPI();

var userPhotos = client.GetResponse<List<LoginRadiusPhoto>>( photos);

Above data is normalized into LoginRadius' standard data format.

1. Call method **client.GetResponse<<List<LoginRadiusCheckIn>>()** to get user’s check-in data:-

//To get user check-in data

using LoginRadius.SDK.Models.CheckIn;

CheckInAPI checkins = new CheckInAPI();

var userCheckins = client.GetResponse<List<LoginRadiusCheckIn>>( checkins);

Above data is normalized into LoginRadius' standard data format.

1. Call method **client.GetResponse<<List<LoginRadiusAudio>>()** to get user’s audio files data:-

//To get user audio data

using LoginRadius.SDK.Models.Audio;

AudioAPI audios = new AudioAPI();

var userAudios = client.GetResponse<List<LoginRadiusAudio>>( audios);

Above data is normalized into LoginRadius' standard data format.

1. Call method **client.GetResponse<LoginRadiusPostResponse>()** to send direct messages to user’s contacts:-

//create client using accessToken as parameter which is stored in session

LoginRadiusClient client = new LoginRadiusClient((LoginRadiusAccessToken)Session[“token”]);

MessageAPI sendMessage = new MessageAPI();

//fill fields to send direct message

sendMessage.To = to;

sendMessage.Subject = subject;

sendMessage.Message = message;

var response = client.GetResponse<LoginRadiusPostResponse>(sendMessage);

In the above code:-

**to** is the Social Id of the receiver

**subject** is the subject of the message

**message** is the message content

1. Call method **client.GetResponse<<LoginRadiusCursorResponse<LoginRadiusContact>>()** to get user’s contacts data:-

//To get user contacts data

using LoginRadius.SDK.Models.Contact;

ContactAPI contacts = new ContactAPI();

var userContacts = client.GetResponse<LoginRadiusCursorResponse<LoginRadiusContact>>( contacts);

Above data is normalized into LoginRadius' standard data format.

1. Call method **client.GetResponse<<List<LoginRadiusMention>>()** to get user’s Twitter mention data:-

//To get user mentions data

using LoginRadius.SDK.Models.Mention;

MentionAPI mentions = new MentionAPI();

var userMentions = client.GetResponse<List<LoginRadiusMention>>( mentions);

Above data is normalized into LoginRadius' standard data format.

1. Call method **client.GetResponse<<List<LoginRadiusFollowing>>()** to get the information of the people, user is following on Twitter:-

//To get user following data

using LoginRadius.SDK.Models.Following;

FollowingAPI followings = new FollowingAPI();

var userFollowings = client.GetResponse<List<LoginRadiusFollowing>>( followings);

Above data is normalized into LoginRadius' standard data format.

1. Call method **client.GetResponse<<List<LoginRadiusEvent>>()** to get the event data:-

//To get user event data

using LoginRadius.SDK.Models.Event;

EventAPI events = new EventAPI();

var userPhotos = client.GetResponse<List<LoginRadiusEvent>>( events);

Above data is normalized into LoginRadius' standard data format.

1. Call method **client.GetResponse<<List<LoginRadiusPost>>()** to get the posts data:-

//To get user post data

using LoginRadius.SDK.Models.Post;

PostAPI posts = new PostAPI();

var userPosts = client.GetResponse<List<LoginRadiusPost>>(posts);

Above data is normalized into LoginRadius' standard data format.

1. Call method **client.GetResponse<<List<LoginRadiusCompany>>()** to get the companies followed by user:-

//To get user followed company data

using LoginRadius.SDK.Models.Company;

CompanyAPI companies = new CompanyAPI();

var userCompanies = client.GetResponse<List<LoginRadiusCompany>>( companies);

Above data is normalized into LoginRadius' standard data format.

1. Call method **client.GetResponse<<List<LoginRadiusGroup>>()** to get the groups data:-

//To get user group data

using LoginRadius.SDK.Models.Group;

GroupAPI groups = new GroupAPI();

var userGroups = client.GetResponse<List<LoginRadiusGroup>>( groups);

Above data is normalized into LoginRadius' standard data format.

1. Call method **client.GetResponse<<List<LoginRadiusStatus>>()** to get the status data:-

//To get user status data

using LoginRadius.SDK.Models.Status;

StatusAPI statuses = new StatusAPI();

var userStatuses = client.GetResponse<List<LoginRadiusStatus>>( statuses);

Above data is normalized into LoginRadius' standard data format.

1. Call method **client.GetResponse<LoginRadiusPostResponse>()**  to post status message on user’s social profile:-

//create client using accessToken as parameter which is stored in session

LoginRadiusClient client = new LoginRadiusClient((LoginRadiusAccessToken)Session[“token”]);

StatusUpdateAPI statusUpdate = new StatusUpdateAPI();

//fill fields to update

statusUpdate.Title = title;

statusUpdate.Status = url;

statusUpdate.Imageurl = ImageUrl;

statusUpdate.Url = status;

statusUpdate.Caption = caption;

statusUpdate.Description = description;

var response = client.GetResponse<LoginRadiusPostResponse>(statusUpdate);

In the above code:-

**title** is the title of the message (Optional)

**url** is the web link of the status message (Optional)

**imageUrl** is the image URL of the status message (Optional)

**status** The status message text (Required)

**caption** Caption of the status message (Optional)

**description** Description of the status message (Optional)

1. Call method **client.GetResponse<<List<LoginRadiusVideo>>()** to get the video files data:-

//To get user video data

using LoginRadius.SDK.Models.Video;

VideoAPI videos = new VideoAPI();

var userVideos = client.GetResponse<List<LoginRadiusVideo>>( videos);

Above data is normalized into LoginRadius' standard data format.

1. Call method **client.GetResponse<<List<LoginRadiusLike>>()** to get the likes data:-

//To get user like data

using LoginRadius.SDK.Models.Like;

LikeAPI likes = new LikeAPI();

var userLikes = client.GetResponse<List<LoginRadiusLike>>( likes);

Above data is normalized into LoginRadius' standard data format.

1. Call method **client.GetResponse<<List<LoginRadiusPage>>()** to get the page data:-

//To get user page data

using LoginRadius.SDK.Models.Page;

PageAPI pages = new PageAPI();

var userPages = client.GetResponse<List<LoginRadiusPage>>( pages);

Above data is normalized into LoginRadius' standard data format.