RunSignUp Mobile

API Instructions

RSUModel

The bulk of the relevant code you will use is in RSUModel.h and RSUModel.m. The main functions of this class include the ability to log in as a user, retrieve a list of races with given search parameters, and to register for a specific race. The following data structures are used for sending data to the API.

Search Parameters:

{

Country = US; // US, FR, CA, GE

Dist = 10; // Number

DistUnits = K; // K, M, Y, m

FromDate = "01/01/2000"; // Date

Name = "Race "; // String

Page = 1; // Number

State = AK; // 2 Letter State

ToDate = "01/01/2020"; // Date

}

Edit User Info: Note that this API will only work if user has previously logged in via the API.

{

FName = “Name”; // String

LName = “LastName”; // String

Email = “info@runsignup.com”; // Email string

DOB = “03/31/2000”; // Date

Gender = M; // M or F

Phone = “111-111-1111”; // Phone number

Street = “123 Main Street”; // String

City = “Moorestown”; // String

State = NJ; // 2 Letter State

Country = US; // US, FR, CA, GE

Zipcode = 08002; // Zipcode string

}

Race Registration:

{

Events = (

{

EventID = 1000; // Required eventID

GiveawayOptionID = 1234; // Giveaway option ID is optional

},

{

EventID = 1001;

GiveawayOptionID = 1235;

}

)

Registrant = Registrant is only required for certain registration modes, explained below.

{

**UserID = 1234;** // Only required for RSURegistrantSecondary

FName = “Name”; // String

LName = “LastName”; // String

Email = “info@runsignup.com”; // Email string

DOB = “03/31/2000”; // Date

Gender = M; // M or F

Phone = “111-111-1111”; // Phone number

Street = “123 Main Street”; // String

City = “Moorestown”; // String

State = NJ; // 2 Letter State

Country = US; // US, FR, CA, GE

Zipcode = 08002; // Zipcode string

}

}

The registration API finds its user information dictionary in two different places, depending on what RSUModel’s registrantType value is. Set this prior to calling registerForRace withInfo:requestType:response.

RSURegistrantMe: The information is stored automatically in RSUModel’s currentUser.

RSURegistrantNewUser, RSURegistrantSomeoneEkse and RSURegistrantSecondary: The information is found in the info dictionary under key “Registrant”.