

Profile
<pre> +getProfile(in ProfileID : Long) : &lt;unspecified&gt; +getFullProfile(in ProfileID : Long) : &lt;unspecified&gt; +getLimitedProfile(in ProfileID : Long) : &lt;unspecified&gt; +getLocation(in ProfileID : Long) : &lt;unspecified&gt; +getFullLocation(in ProfileID : Long) : &lt;unspecified&gt; +getLimitedLocation(in ProfileID : Long) : &lt;unspecified&gt; +updateLimitedProfile(in ProfileID : Long, in Forname : String, in Surname : String, in Email : String, in Title : String, in CityGeocodeLatitude : Long, in CityGeocodeLongitude : Long) +updateFullProfile(in ProfileID : Long, in College : String, in GraduationYear : Date, in DateOfBirth : Date, in HomeAddress : String, in Telephone : String, in WorkTelephone : String, in Mobile : String, in ExactLatitude : Long, in ExactLongitude : Long, in AcademicInterests : String) </pre>

Friends
<pre> +isFriend(in UserID1 : Long, in UserID2 : Long) : Boolean +getFriends(in ProfileID : Long) : &lt;unspecified&gt; +getFriendsByFilter(in ProfileID : Long, in Filter : Object) : &lt;unspecified&gt; </pre>

Filter
<pre> -ProfileID : Long -Latitude : Long -Longitude : Long -FilterRadius : Long -DateFrom : Date -DateTo : Date -Forename : String -Surname : String -GraduationYear : String -College : String -AcademicInterests : String +setProfileID(in ProfileID : Long) +setLatitudeLongitude(in Latitude : Long, in Longitude : Long) +setRadius(in Radius : Long) +setDateFrom(in Date : Date) +setDateTo(in Date : Date) +setForename(in Name : String) +setSurname(in Surname : String) +setGraduationYear(in Date : Date) +setCollege(in College : String) +setAcademicInterests(in Interests : String) +toString() : String </pre>

DetailExchange
<pre> +requestExchange(in ProfileID : Long, in FriendID : Long, in Message : String) +acceptExchange(in ProfileID : Long, in FriendID : Long) +rejectExchange(in ProfileID : Long, in FriendID : Long) +cancelExchange(in ProfileID : Long, in FriendID : Long) +isPending(in ProfileID : Long, in FriendID : Long) : Boolean +getPendingRequestsTo(in FriendID : Long) : &lt;unspecified&gt; +getPendingRequestsFrom(ProfileID)(in ProfileID : Long) : &lt;unspecified&gt; </pre>

Maps
<pre> +showMap(in Latitude : Long, in Longitude : Long, in ZoomLevel : Long, in Filter : Object) +plotMarker(in MarkerType : Object, in Longitude : Long, in Latitude : Long) </pre>

Login
<pre> +isUserLoggedIn(in ProfileID : Long) : Boolean +getCurrentUser() : Long +loginUser(in ProfileID : Long, in Password : String) </pre>

Events
<pre> +getLocation(in EventID : Long) : &lt;unspecified&gt; +getEvent(in EventID : Long) : Object +getEventsByFilter(in Filter : Object) : &lt;unspecified&gt; +getMyEvents(in ProfileID : Long) : &lt;unspecified&gt; +getFriendEvents(in ProfileID : Long) : &lt;unspecified&gt; +addEvent(in EventID : Long, in ProfileID : Long, in Location : String, in Latitude : Long, in Longitude : Long, in Description : String, in StartDate : Date, in EndDate : Date) +deleteEvent(in EventID) </pre>