

Server API Documentation

API:

Note: Since this is RMI, all methods may throw RemoteException

```
boolean register(UserProfileDto user, AuthProviderType authProviderType);
long login(String email, String password);
void logout(long token);
void createTrainingSession(long token, TrainingSessionDto trainingSession);
List<TrainingSessionDto> getTrainingSessions(long token);
TrainingSessionDto getTrainingSession(long token, UUID trainingSessionId);
void setUpChallenge(long token, ChallengeDto challenge);
List<ChallengeDto> downloadActiveChallenges(long token);
void acceptChallenge(long token, UUID challengeId);
List<ChallengeStatusDto> checkChallengesStatus(long token);
```

DTOs:

Note: All DTOs contain as well serialVersionUID

UserProfileDto

```
String email;
String name;
String birthDate;
int weight;
int height;
int maxHearthRate;
int restHeartRate;
```

TrainingSessionDto

```
UUID id;
String title;
String startTime;
Date startDate;
SportType sportType;
float distance;
```

ChallengeDTO

```
UUID id;  
String name;  
String target;  
Date startDate;  
Date endDate;  
SportType sportType;  
ChallengeStatusDto challengeStatus;
```

ChallengeStatusDTO

```
float progress;  
UUID challengeId;
```

Enums:

AuthProviderType

```
GOOGLE, FACEBOOK
```

SportType

```
RUNNING, CYCLING, RUNNING_CYCLING
```