**Chappy API Methods**

DTO\_<bool> **ValidEmail**(DTO\_<string> email)

DTO\_Client **RegisterClient**(DTO\_RegisterRequest clientEmail)

DTO\_Chaperone **RegisterChap**(DTO\_RegisterRequest chapEmail)

List<DTO\_Building> **GetBuildings**()

DTO\_Transaction **CreateTransaction**(DTO\_CreateTransactionRequest TxRequest)

DTO\_Transaction **GetTransaction**(DTO\_<int> transactionId)

List<DTO\_Transaction> **GetOpenTransactions**()

DTO\_Transaction **AcceptTransaction**(DTO\_AcceptTransactionRequest AcceptRequest)

DTO\_Transaction **ArrivedTransaction**(DTO\_<int> TransactionID)

DTO\_Transaction **DropOffTransaction**(DTO\_<int> TransactionID)

DTO\_Transaction **AddRatingToTransaction**(DTO\_RatingRequest ratingRequest)

DTO\_Transaction **ClientCancel**(DTO\_<int> TransactionID)

DTO\_Transaction **ChaperoneCancel**(DTO\_<int> TransactionID)

DTO\_Transaction **ClientPanic**(DTO\_<int> TransactionID)

DTO\_Transaction **ChaperonePanic**(DTO\_<int> TransactionID)

void **UpdateCoordinatesClient**(DTO\_CoordinatesSetRequest coordRequest)

void **UpdateCoordinatesChaperone**(DTO\_CoordinatesSetRequest coordRequest)

DTO\_<double> **GetDistance**(DTO\_PairOfCoordinates coordinates)

List<int> **GetNearestChaperoneIDs**(DTO\_Coordinates coordinates)

List<DTO\_SP\_DIST\_GetPendingTransactionsWithInfo\_Result> **GetPendingTransactionsWithInfo**(DTO\_SP\_DIST\_GetPendingTransactionsWithInfo\_Args coordinates)

**Chappy Complex Entity DTOs**

