

Location Extraction >

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An open-source implementation of the algorithm for adaptive trajectory segmentation and extracting the locations based on the mobility history of a user. The mobility history includes position information of the user during a specific period of time.

Input Parameters

Adaptive trajectory segmentation receives the following required parameters:

- points: list of points, each point as a list of longitude, latitude and unix timestamp.
- uid: the id of the user, to be added to the resulting trajectory objects.

and some optional parameters, among which the important ones are:

- max_speed: Used for trajectory segmentation
- space_treshold: If the spatial distance between two consecutive points A and B in user's positions sequence is higher than this threshold, the point A is considered as the last point of the previous trajectory and point B is considered as the starting point of the new trajectory.

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