

IP Positioning Method and Unit, Computer Storage Medium and Computing Device

Abstract

This invention provides an IP positioning method & unit, computer storage medium and computing device. The method includes collecting the plurality of GPS coordinates pointing to
5 the same IP address and mapping them to one coordinate system; clustering the plurality of GPS coordinates based on the K-means clustering algorithm to acquire minimum one principal cluster circle, wherein, the GPS coordinates are the principal cluster objects of the principal cluster circles; selecting the principal cluster circle with the largest number of cluster objects as the target cluster circle; screening the target cluster object from the principal clustering objects
10 in the target cluster circle based on the preset rules and taking the GPS coordinate of the target cluster object as the IP center coordinate of the IP address. Based on the scheme provided by this invention, we can eliminate the isolated GPS coordinate points far away, remove and filter the coordinates which are irrelevant and can generate interference, and make the IP center coordinates determined more realistic and accurate.

15 FIG. 1