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## Geolocation API

Have you ever wondered what is going on behind the scenes when you press enter on your computer or when a little window pops up and asks your permission to use your data? This is possible through an application programming interface or API, it is a protocol that allows software components to communicate and share data.

A type of API is geolocation, this allows your web page visitors to share their geographic location. When a geolocation is in progress the browser will first confirm that your visitor wants to share their location. Geolocation has similar properties to GPS, but it works by using IP addresses, cell phone towers, GPS or Wi-Fi connects near you to get a general location for your device. When using cell phone towers, it will recognize the user is within a certain circular radius of the tower. Then it will take the data from the towers and where they overlap gives a general idea of where you are.

Geolocation is implemented through HTTP commands and uses JavaScript to work with the information from the browser of latitude and longitude coordinates. Popular applications that use geolocation API are Pokémon Go, your favorite restaurant applications and even google.

And do not forget you only get asked permission once per application and you can revoke that permission at any time!