

How can I test my geolocation code on a system without a GPS?

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After you put your Windows system into Developer Mode, you have the opportunity to turn on the [Windows Device Portal](#) Web server.

The [Windows Device Portal REST API](#) gives you a way to control various parts of the system remotely. And the one that's interesting for today's topic is the REST API for [injecting artificial GPS data](#). After sending the REST command to enable GPS overrides, you can use subsequent REST commands to inject a specific latitude and longitude into the system's geolocator.

Now you can test geolocation on your development machine without having to drag it on a cart around the building. On the other hand, it also means you lost one justification for needing to take a trip to a tropical island “to test that the program correctly detects a change in location to a tropical island.”

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