

SeeTestAutomation- SetLocation

setLocation(Latitude, Longitude)



Description

The command gives the ability to test geolocation based applications by allowing the user to set the location of the device as necessary for testing. It is assumed that the user has pre-configured the device for location testing.



Notes:

- In Android, command supported since **Android 4.4**.
- Pre-requests: Enable the **location provider service** you wish to work with, by:
 - **For Android:**
 - **SetProperty**. For example:
 - if you want to the command to work based on GPS only .i.e. 'Device Only Mode', prior to setLocarion, call:

```
client.setProperty("location.service.gps", "true");
client.setProperty("location.service.network", "false");
```
 - if you want to the command to work based on GPS and Network .i.e. 'High Accuracy Mode', prior to setLocarion, call:

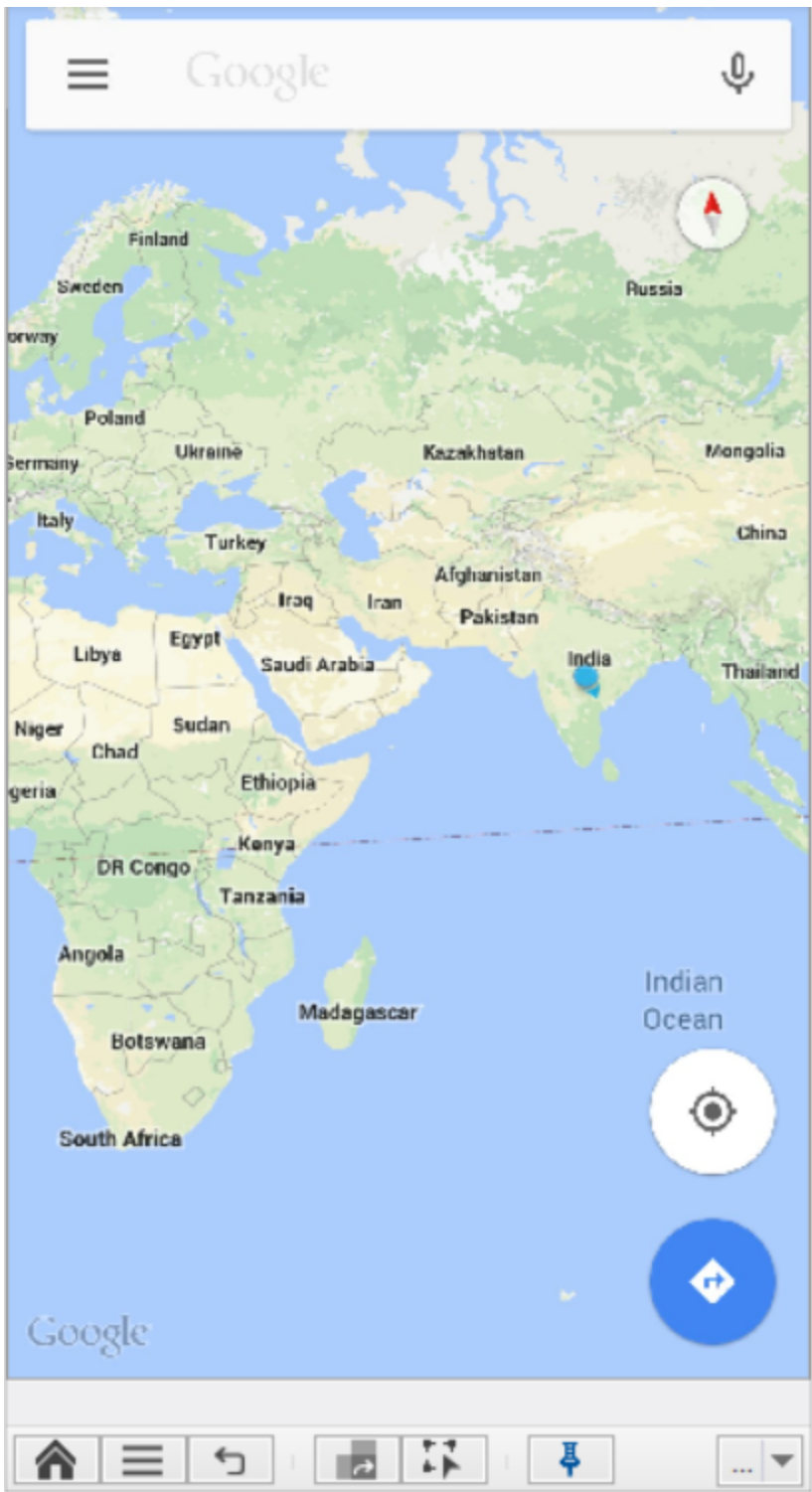
```
client.setProperty("location.service.gps", "true");
client.setProperty("location.service.network", "true");
```
 - **For iOS:**
 - on your device: Go to: Setting >> Privacy >> Location Services >> enable "Locations Services".

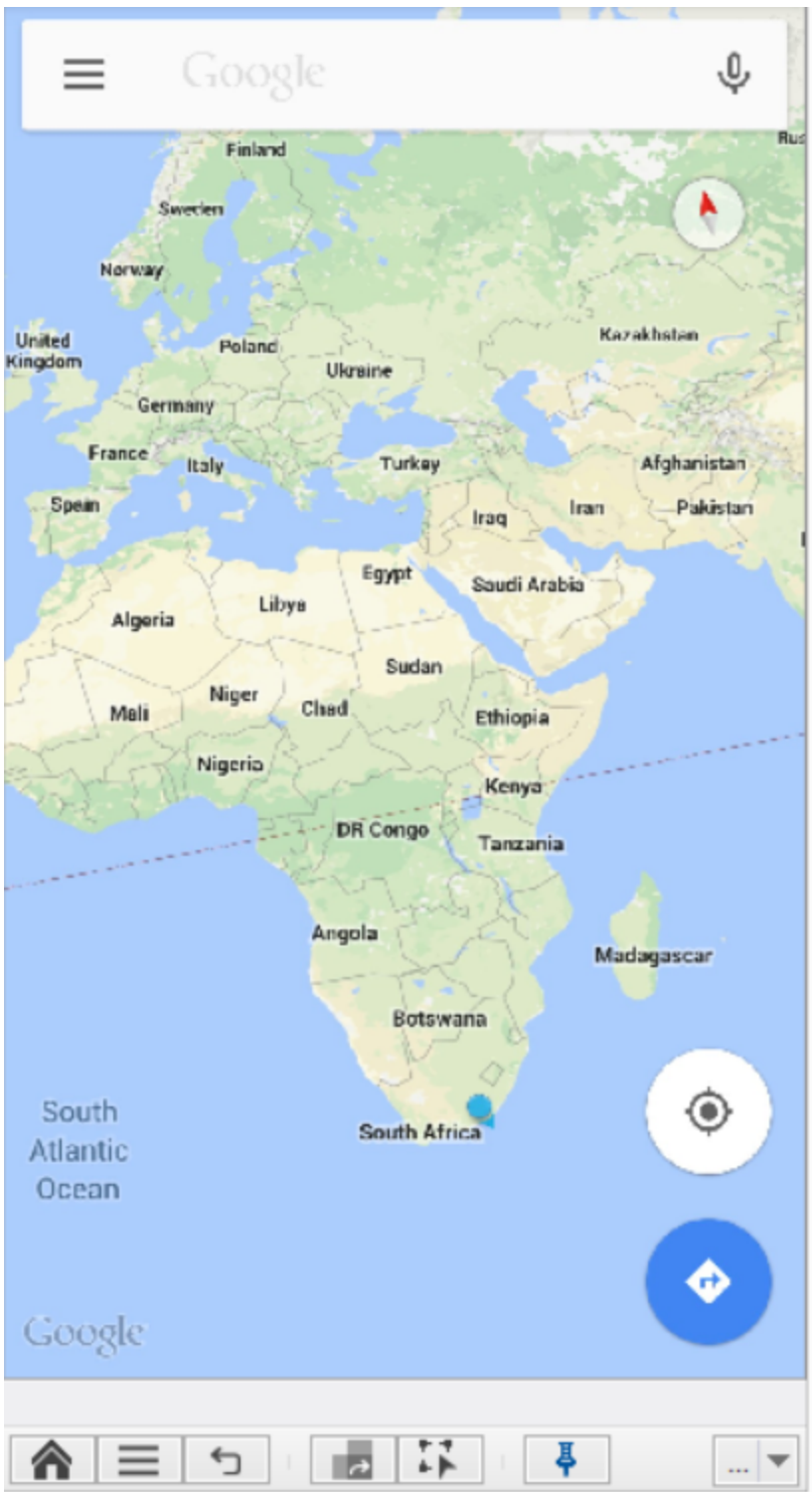
Parameters

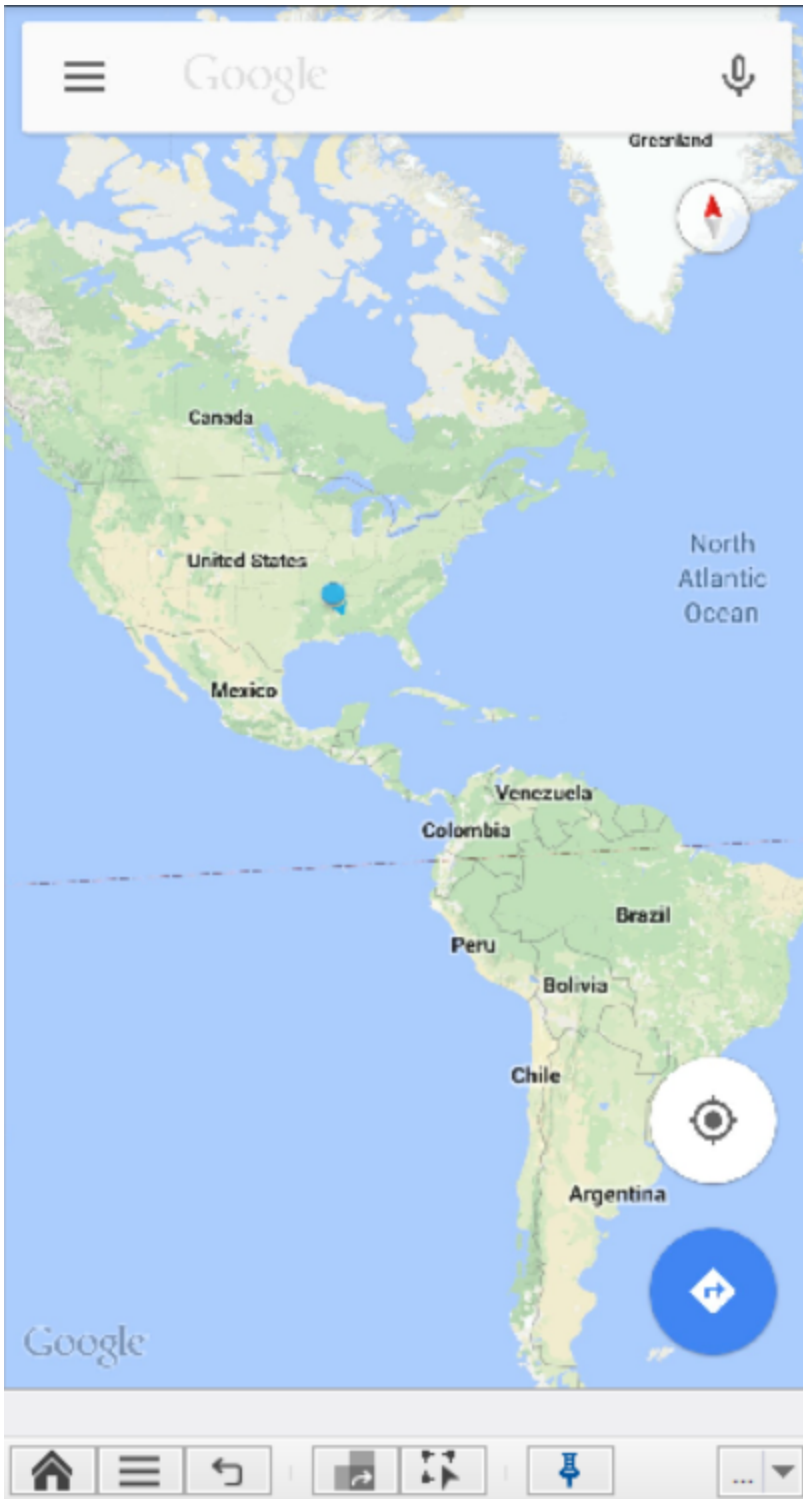
- **Latitude:** Latitude value in decimal degrees, ranging from -90 to 90.
Positive values represent latitudes north of the equator while negative values represent latitudes south of the equator.
- **Longitude:** Longitude value in decimal degrees, ranging from -180 to 180.
Positive values represent longitudes east of the prime meridian while negative values represent longitudes west of the prime meridian.

Usage

```
client.setDevice("adb:GT-I9505");
client.setLocation("20.593684", "78.962880"); // India
client.setLocation("-32.269794", "26.191406"); // South Africa
client.setLocation("36.296238", "-91.933594"); // USA
```







Note: For the device to return to its normal location functioning, it is required to execute the command "clearLocation".

Code Examples

Java Example

```
client.setLocation("20.593684", "78.962880");
```

C# Example

```
client.SetLocation("20.593684", "78.962880");
```

VBScript Example

```
client.SetLocation "20.593684", "78.962880"  
Report
```

Python Example

```
self.client.setLocation("20.593684", "78.962880")
```

Perl Example

```
$client->setLocation("20.593684", "78.962880");
```