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**WAYS TO FIND OUT LOCATION OF A PICTURE WHEN TAKEN**

* **Libexif –** A cpp library file that can pull the exif data from an image
  + **Pros:**
    - Can pull very detailed information from a picture
    - Open source file, windows
  + **Cons:**
    - Can’t pull very much information from a PNG image
    - Only can be used on Windows
    - Can be a lot of bugs
* **Google Maps API –** HTML API to track and find out location
  + **Pros:**
    - Easy to code
    - Use across multiple browsers
    - Very accurate
    - Shows location on google maps
  + **Cons:**
    - Have to have internet access
    - Doesn’t include information such as focal length
    - User needs to allow access to his/her location
* **Device GPS –** Uses the phone/device’s GPS
  + **Pros:**
    - Mostly on all devices
    - Always available
  + **Cons:**
    - Hard to access
    - Needs service or wifi
* **Bluetooth –** Uses device’s Bluetooth capabilities
  + **Pros:**
    - Almost all devices have Bluetooth
    - Easy to access
  + **Cons:**
    - May not be as accurate
    - May require additional hardware
    - Needs connection
    - Connection is short ranged