Getting Started – Dots-On-A-Map

Introduction

In order to help you get started with your first application using our services, we have developed a simple sample application that you can build to understand the methods used within our services platform. As many developers are planning to use devices that can report location, we have chosen to build a simple Dots-On-A-Map application which will plot reported points on a google map. You will find the source code for this application in our Sample Applications section.

Step 1 – Determine your Device

The device you select should be currently supported by the Services. If it is not, please contact your service provider for further details about developing a translator service for your device. The translator service basically acts as the interface to the network and device and feeds information in a structured way to the Services platform.

Step 2 – Register you Device

In order for the Service to understand your device, it needs to know the model and that it belongs to you. This is how we manage data security within the Service. Once its registered, the Service completes the setup necessary to allow you to access and manage the data from the device.

Step 3 – Setup Business Rules

If you are only interested in specific events or reports from your device, you can instruct the Service to constantly monitor the data from the device to determine if an action is required. The Service supports a variety of actions. See “Rules” in the API documentation.

Step 4 – Retrieve your Information or Wait for an Event

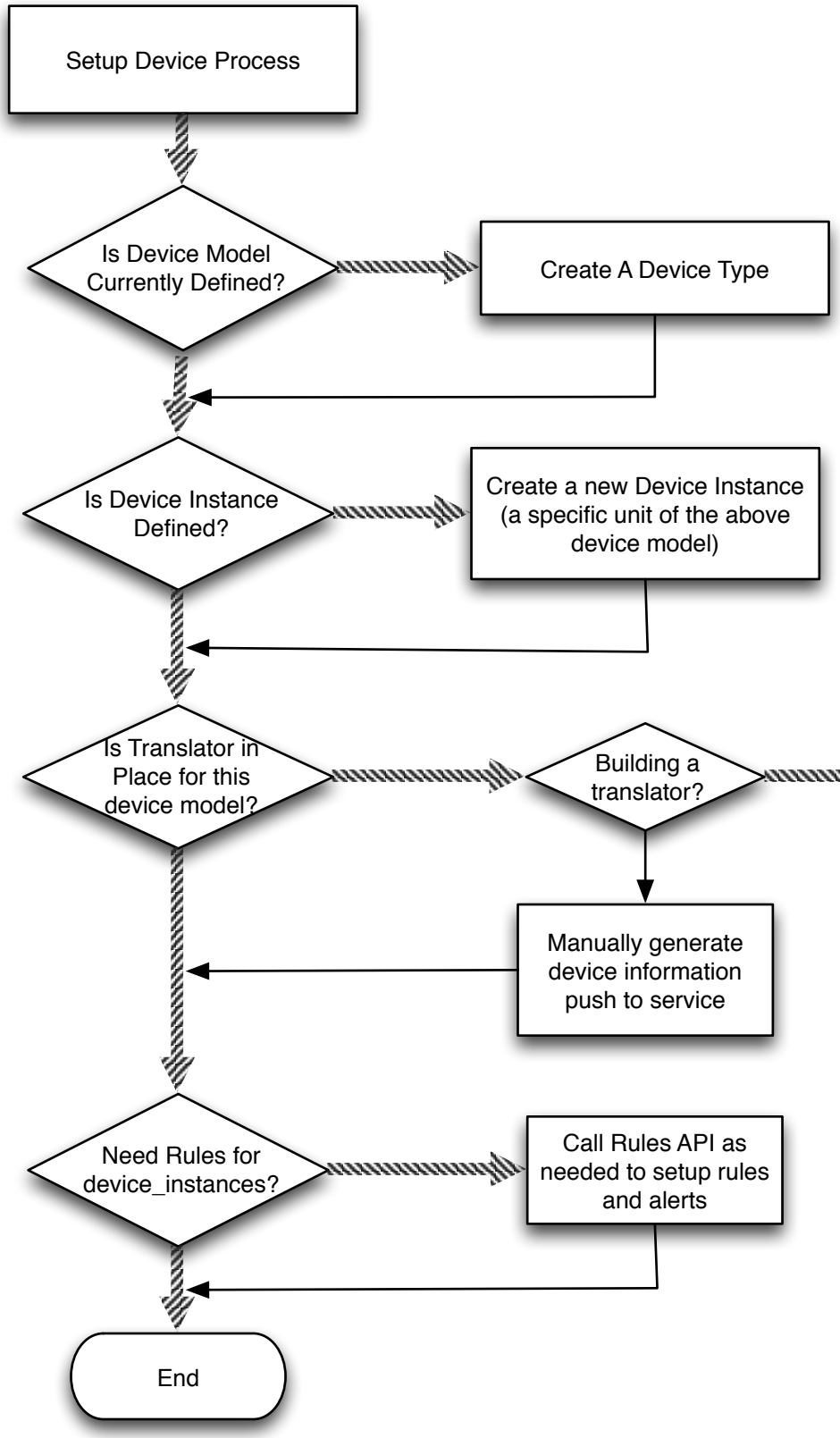
Once the device is completely registered in the Service, you can work on the UI elements to display your information. The Service will make available device reports

on demand and can also issue callbacks if enabled when a device matches a defined rule event.

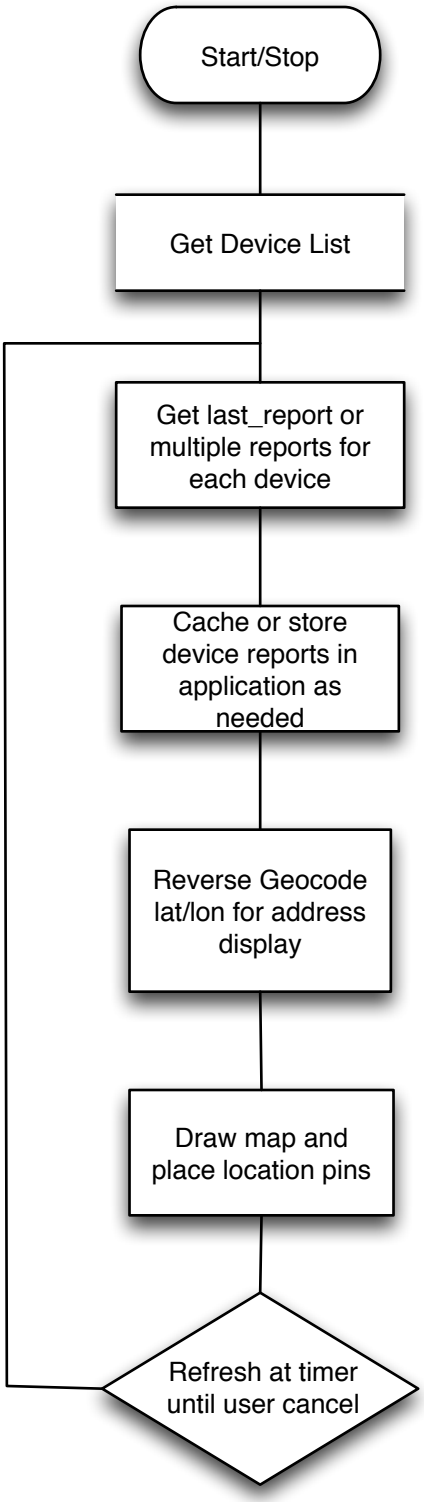
Conclusion

It's very easy to develop and configure a simple application using the Services. However, the Service is very powerful and can handle a multitude of other requests and actions based on information received. See other API documentation within the Service Portal for information on our advanced services.

Simple Device Setup Process



Simple Dots on A Map Display Application



Provides a list of all device _ids accessible for this application

Provides nam/value pairs of information from device_instance

Services Geo APi's