

# How to register App ID/Token/Secret

# Location API business Models and Usage Restrictions

## Nokia currently offers two business models for using the Location API's

- Developer model, which allows you to access the API's for testing and development purposes subject to our terms and conditions.
- Standard model, which allows you to deploy a website or a mobile application built with our Location API's without limits. Developer needs to register AppID for usage.

Please refer: <http://www.developer.nokia.com/Develop/Web/Maps/Quota/>

Developer	Standard
<ul style="list-style-type: none"><li>•Unregistered user</li><li>•Free usage</li><li>•Limited total and per second requests</li><li>•Testing only, no live deployments</li><li>•No monetization allowed</li><li>•Nokia reserves right to advertise</li><li>•No SLA, no dedicated support</li><li>•No B2B, business applications, tracking, turn-by-turn navigation</li></ul>	<ul style="list-style-type: none"><li>•Registered &amp; AppID</li><li>•Free usage</li><li>•<b>Unlimited requests, but limited RPS</b></li><li>•Public facing websites</li><li>•Monetization allowed, with limits</li><li>•Nokia reserves right to advertise</li><li>•No SLA, no dedicated support</li><li>•No B2B, business applications, tracking, turn-by-turn navigation</li></ul>

# 1. Join Nokia Developer

- If you didn't register Nokia developer, please go to below link to register:

<https://www.developer.nokia.com/Profile/Join.xhtml>



Share

## Join Nokia Developer

### Personal information

**Desired Username** \*  [Check availability](#)

**First Name** \*

**Last Name** \*

**E-mail Address** \*

**Create a Password** \*

**Confirm Your Password** \*



**Type the word shown** \*

Can't read it? Click the image for a new word

**Location** \*

**Primary Role** \* ☐ Developer

### Make the most of Nokia Developer

As you know, Nokia Developer supports end-to end solutions that make it easy for you to go from first concept to publishing apps on Nokia's mobile devices. And the site will continue to provide simple yet powerful tools that are designed to help you succeed in your daily work.

At the same time, Nokia Developer is evolving to meet your needs. You will see we've made some big changes in the focus, message, resources, and in the ways we help you to connect with other developers in our community.

To begin, our resources are now organized according to three main categories: Design, Develop and Distribute. Design covers both UI design and also application process or concept. Develop brings a renewed focus on 3 key development paths, Qt, Web and Java. — Simplifying the development choice. At the same time, Symbian C++ and other frameworks continue to play a vital role, and are fully supported. Distribute outlines the revenue and publishing opportunities offered by the Ovi store.

We have worked hard to make the navigation faster and easier to follow; and you will see that we are grouping related information and tasks in ways that will help you to find precisely what you need, so that you can make the best use of your time.

Content owner: Stephen Ellis  
Last modified: 04-Jun-2010

**NOKIA**  
Connecting People

## 2. Login [Register service or application] page

- If you have a Nokia developer account, please go to below link to register service or application with Nokia Maps feature:

<https://api.forum.nokia.com/ovi-api>

### Login to Nokia Developer

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Enter your username and password

Username	<input type="text"/>
Password	<input type="password"/>
	Remember Me <input type="checkbox"/>
	<input type="button" value="Login"/>

To access the requested page, you must first login by entering your Nokia Developer username and password.

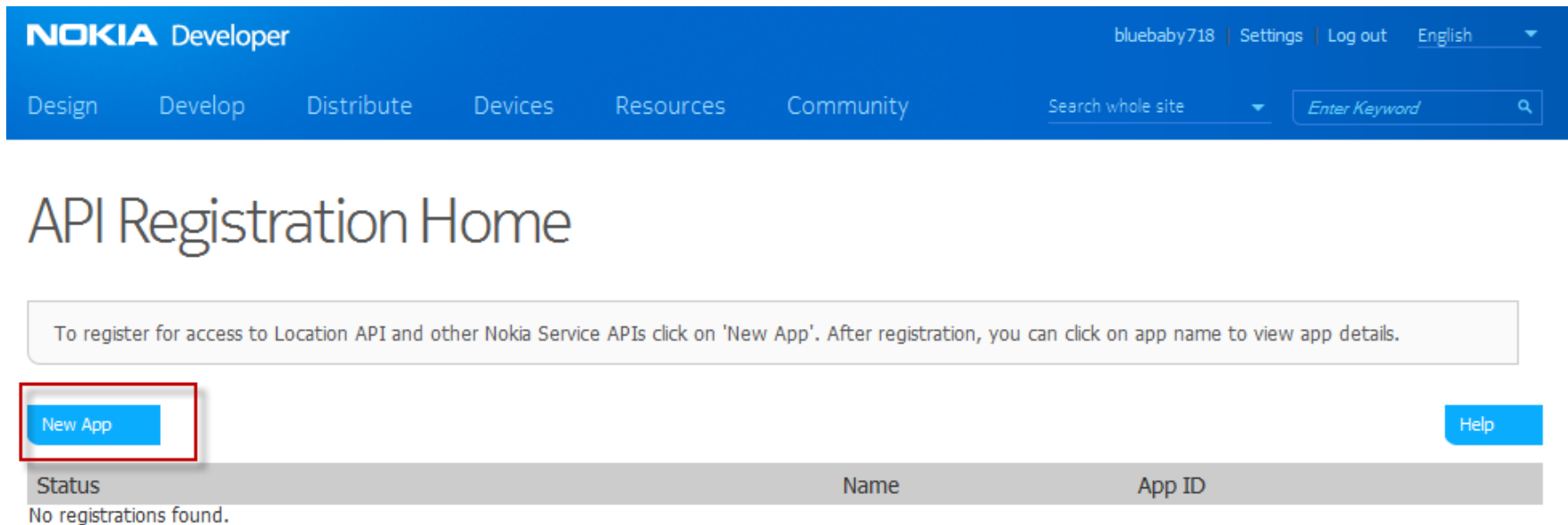
[Request new password](#) in case you have forgotten the current one by sending us your username.

Please note that [Nokia Developer Terms and Conditions](#) have been amended. By logging in you will accept the amended Terms and Conditions.

If you are not registered yet, please fill in the [registration form](#) and you will be able to access the tools and resources you need for application development as well as the sales channels targeted to operators, enterprises and consumers. Registration is free and protected by our [Privacy Policy](#). Please notice that the approval of Nokia Developer [Terms and Conditions](#) is needed. If you do not accept the agreement you are not allowed to use the site.

### 3. Register service or application - Step1

- After login, you will be lead to API Registration Home page:
- Click on “New App” to request App ID, Token and secret



**NOKIA Developer** bluebaby718 | Settings | Log out | English

Design Develop Distribute Devices Resources Community Search whole site Enter Keyword

## API Registration Home

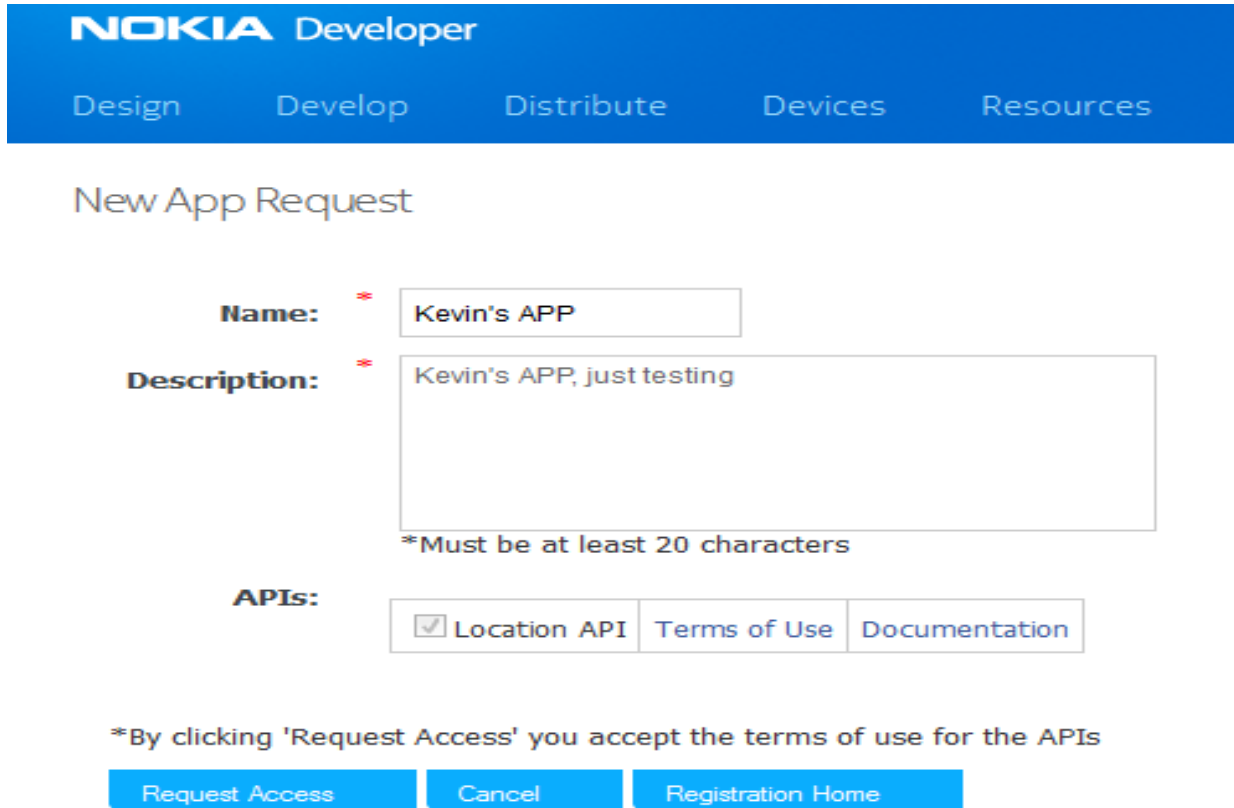
To register for access to Location API and other Nokia Service APIs click on 'New App'. After registration, you can click on app name to view app details.

[New App](#) [Help](#)

Status	Name	App ID
No registrations found.		

## 4. Register service or application - Step2

- Fill name and description text field, then click “Request Access”



The screenshot shows the 'NOKIA Developer' header with navigation links: Design, Develop, Distribute, Devices, and Resources. Below this is the 'New App Request' section. It contains three main input areas: 'Name' with a text box containing 'Kevin's APP', 'Description' with a text area containing 'Kevin's APP, just testing' and a note '\*Must be at least 20 characters', and 'APIs' with a checked checkbox for 'Location API' and links for 'Terms of Use' and 'Documentation'. At the bottom, a disclaimer states '\*By clicking 'Request Access' you accept the terms of use for the APIs', followed by three buttons: 'Request Access', 'Cancel', and 'Registration Home'.

**NOKIA Developer**

Design Develop Distribute Devices Resources

New App Request

**Name:**

**Description:**   
\*Must be at least 20 characters

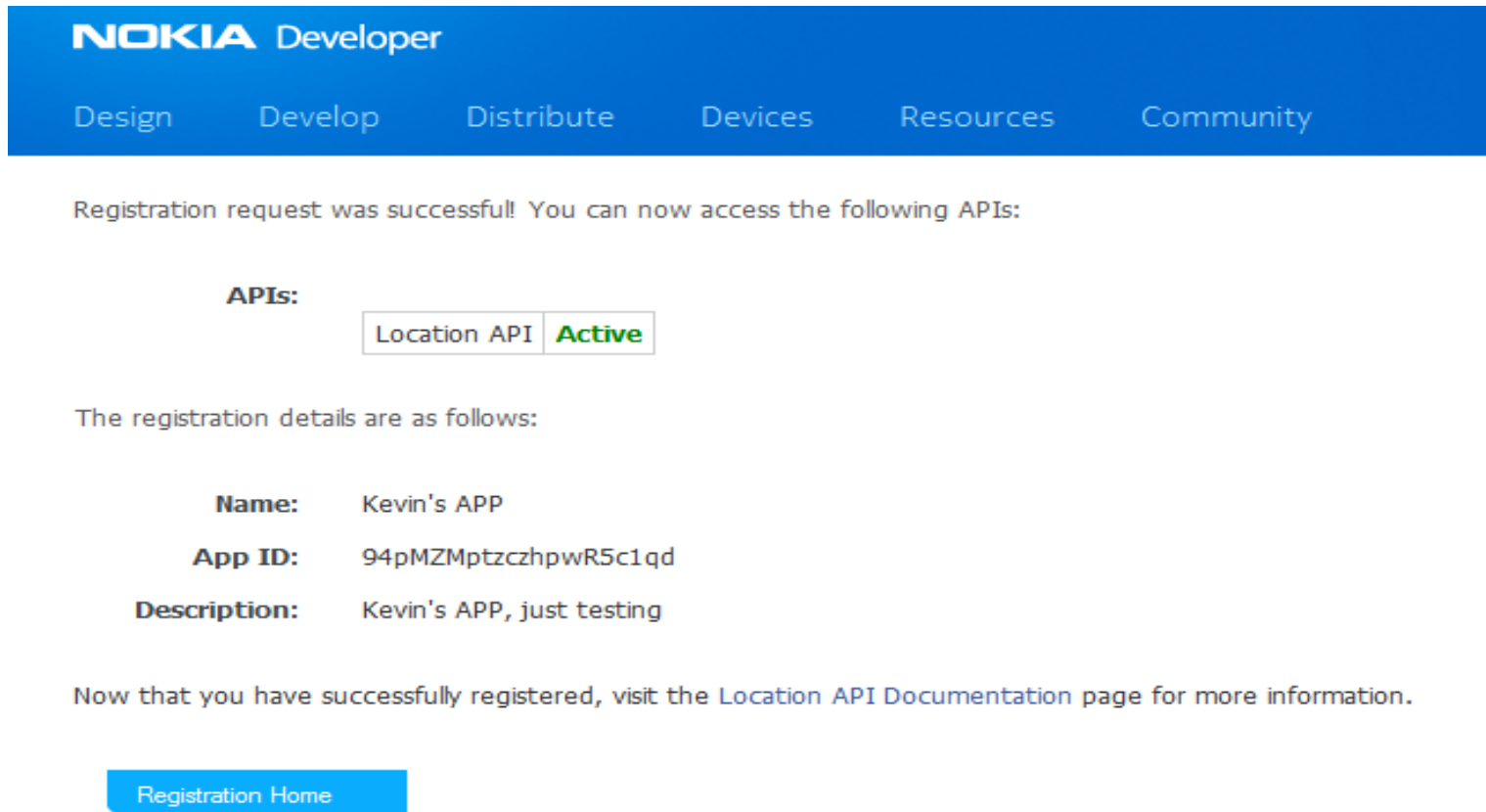
**APIs:** ☒ Location API [Terms of Use](#) [Documentation](#)

\*By clicking 'Request Access' you accept the terms of use for the APIs

[Request Access](#) [Cancel](#) [Registration Home](#)

## 5. Done of registration

- Then you will see this page:
- Click “Registration Home” to find your Token and Secret key:



The screenshot shows the NOKIA Developer portal after a successful registration. At the top is a blue header with the NOKIA Developer logo and navigation links: Design, Develop, Distribute, Devices, Resources, and Community. Below the header, a message states: "Registration request was successful! You can now access the following APIs:". Under this, there is a section titled "APIs:" containing a table with one row: "Location API" and "Active". Below the table, it says "The registration details are as follows:". This is followed by a list of details: "Name: Kevin's APP", "App ID: 94pMZMptzczhpwR5c1qd", and "Description: Kevin's APP, just testing". A message at the bottom says: "Now that you have successfully registered, visit the [Location API Documentation](#) page for more information." At the very bottom, there is a blue button labeled "Registration Home".

**NOKIA Developer**

Design Develop Distribute Devices Resources Community

Registration request was successful! You can now access the following APIs:

**APIs:**

Location API	Active
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The registration details are as follows:

**Name:** Kevin's APP

**App ID:** 94pMZMptzczhpwR5c1qd

**Description:** Kevin's APP, just testing

Now that you have successfully registered, visit the [Location API Documentation](#) page for more information.

[Registration Home](#)

## 6. Find your App ID, Token and Secret key

- On “API Registration Home” page , click on App Name “Kevin’s APP” to find your App ID, Token and Secret key:



### API Registration Home

To register for access to Location API and other Nokia Service APIs click on 'New App'. After registration, you can click on app name to view app details.

New App

Help

Status	Name	App ID	
Location API : <b>Active</b>	Kevin's APP	94pMZMptzczhpwR5c1qd	<a href="#">Remove</a>



Kevin's APP

Edit

**App ID:** 94pMZMptzczhpwR5c1qd

**Token:** EyZSQueQUpTmUWTs4AxcKg%3D%3D

**Secret:** L\_ziPe6UIL7Qx8GTiRe0

**Description:** Kevin's APP, just testing

**APIs:**

☒ Location API **Active** [Terms of Use](#) [Documentation](#)

Registration Home

Click here for extended access



# How to use token in Nokia Maps API

# Ovi Maps Rendering API (Nokia Map Image API)

- **API Document:** <https://projects.forum.nokia.com/ovimapsrenderingapi/wiki>
- **Example**  
(<https://projects.developer.nokia.com/ovimapsrenderingapi/wiki/description#token>):
  - Normal Developer API:
    - <http://m.ovi.me/?mv=CHI&ml=CHI&nord&c=39.98268,116.3108&w=360&h=640&z=15>
  - Standard API (Add Token):
    - [http://m.ovi.me/?mv=CHI&ml=CHI&nord&c=39.98268,116.3108&w=360&h=640&z=15&token=\\*\\*\\*\\*\\*](http://m.ovi.me/?mv=CHI&ml=CHI&nord&c=39.98268,116.3108&w=360&h=640&z=15&token=*****)

# Ovi Maps API (Web JavaScript API)

- API Document: <https://projects.forum.nokia.com/ovimapsapi/wiki>
- Example ([http://api.maps.ovi.com/devguide/getting\\_started.html](http://api.maps.ovi.com/devguide/getting_started.html)):
  - ```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
    <title>Ovi Maps API Example</title>
    <script src="http://api.maps.ovi.com/jsl.js" type="text/javascript" charset="utf-8"></script>
  </head>
  <body>
    <div id="map" style="width:600px; height:400px;"></div>
    <script type="text/javascript">
      // Authentication set up is the first thing that you must do with the API
      ovi.mapsapi.util.ApplicationContext.set({"appId": "YOUR APPID", "authenticationToken":
"YOUR TOKEN"});
    </script>
  </body>
</html>
```

# Qt Location API

- **API Document:** <https://projects.forum.nokia.com/ovimapsrenderingapi/wiki>
- **Please refer to detailed document:**
  - The Nokia plugin: <http://doc.qt.nokia.com/qt-mobility-snapshot/location-overview.html#the-nokia-plugin>
  - Some parameter should be set in Qt codes:
    - Mapping.referer, Mapping.token, places.referer, places.token, routing.referer, routing.token

# JavaME Location API

- **API Document:** <https://projects.forum.nokia.com/LBSPJME/wiki>
- **The token can be set in the Application context:**
  - `ApplicationContext ctx = ApplicationContext.getInstance();`
  - `ctx.setAppID("AppId");`
  - `ctx.setToken("Token");`