



PushApps

API Documentation

Version	Date	Comments
0.9	01-Oct-2013	RegisterDevice
1.0	30-Oct-2013	UnregisterDevice, CreateNotification

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General

- Base URL for all methods is : <https://ws.pushapps.mobi>
- For code samples and more documentation please visit our GitHub repository:
<https://github.com/PushAppsService/PushAppsSDK>

Request Object

- All requests are HTTP POST
- All request body is a JSON formatted string of the parameters
- All request parameters are mandatory unless explicitly marked as **[optional]**
- All requests must have the SecretToken parameter which is obtained from the PushApps system

Response Object

- All response are in JSON format, with 3 objects:
 - Code (int) - one of our Status codes
 - Message (String)- message explaining the code
 - Data (Object)– optional, for some methods
- Example:

```
{  
  "Code": 100,  
  "Message": "OK"  
}
```

Enums

DeviceType

Name	Value
Android	1
iOS	2

Objects

Device

Name	Type
PushToken	<code>string</code>
DeviceId	<code>String</code>
DeviceType	<code>DeviceType</code>

PlatformFeatures

Name	Type
AndroidTitle	<code>string</code>
IOSBadge	<code>int</code>
IOSProduction	<code>boolean</code>

Methods

1. RegisterDevice

Register a specific device in the system

Request

Method	URL
POST	RemoteAPI/RegisterDevice

Request Parameters	Values	Description
SecretToken	string	The token received from PushApps for using the Remote API
PushToken	string	The token received from Google or Apple by the device
DeviceId	string	A unique string within this app to identify this device. Could be the IMEI in Android for example or UDID on iOS
DeviceType	DeviceType	The mobile platform
OSVersion	string [optional]	This device operating system version
SDKVersion	string [optional]	Pushapps sdk version
DeviceDescription	string [optional]	The hardware of the device, i.e "iPhone 5"
AppVersion	string [optional]	This app current version

Request Example

```
{
  "SecretToken": "YOUR SECRET TOKEN",
  "PushToken": "some push token",
  "DeviceId": "79848",
  "DeviceType": 2,
  "OSVersion": "7.1",
  "DeviceDescription": "iPhone 5s",
  "SDKVersion": "1",
  "AppVersion" : "3.1.3"
}
```

Available Status Codes

Status	Message
100	OK
101	One parameter at least is missing or wrong
102	The input is not well formatted
200	You are not authorized for this action, please check the credentials again or contact support
900	There has been a service error

2. UnregisterDevice

Unregister a specific device in the system, using the device id supplied when it was registered

Request

Method	URL
POST	RemoteAPI/UnregisterDevice

Request Parameters	Values	Description
DeviceId	string	The same device id this device use for the RegisterDevice method. Otherwise this method will not affect any device registration

Request Example
<pre>{ "SecretToken": "YOUR SECRET TOKEN", "DeviceId": "79848" }</pre>

Available Statues

Status	Message
100	OK
101	One parameter at least is missing or wrong
102	The input is not well formatted

109	The requested device does not exist
200	You are not authorized for this action, please check the credentials again or contact support
900	There has been a service error

3. CreateNotification

Creates an immediate notification in the system, for all the devices registered for this app, or by platforms, or for an array of devices.

Request

Method	URL
POST	RemoteAPI/CreateNotification

Request Parameters	Values	Description
SecretToken	string	The token received from PushApps for using the Remote API
Message	string	The content of the message
Link	String [optional]	If exists the client will open a browser with the URL specified here
Platforms	Array of DeviceType	The platforms this notification will be sent to. If not set or empty the notification will be sent to all platforms
PlatformFeatures	PlatformFeatures [optional]	This parameter is optional and also each field inside it is optional. IOSProduction default value is false.
CustomJsonKey	String [optional]	The key in the data object received in the push notification. If you supply a CustomJsonKey you must supply the CustomJson as well

CustomJson	JSON formatted string [optional]	see above
Devices	Array of Device [optional]	If not supplied or empty, the notification will be sent to all available devices according to the selected platforms

Request Example

```

{
  "SecretToken": " YOUR SECRET TOKEN ",
  "Message": "hello world",
  "Link": "http://pushapps.mobi",
  "Type": 1,
  "Platforms": [
    1,
    2
  ],
  "PlatformFeatures": {
    "AndroidTitle": "some android Title",
    "IOSBadge": 1,
    "IOSProduction": false
  },
  "CustomJsonKey": "myKey",
  "CustomJson": "{
    \"someKey\": \"someVal\"
  }",
  "Devices": [
    {
      "PushToken": "APA91bE1ta3vuTW63-pDxpb8YOLWdw846XD5EprodjCA0Hg3dx-GDTc-UvrarmtoYZpgqMAVIbLv-CPIuemg2P42edeKqb4rIq-HhViU2kGeW5qWEMitcE83qn-rIy4Lnzu7Gc1Kdc5nhJLHqTwy8m0fkBMFF1zGpc1ME_gisIS_t25muUJDCPY",
      "DeviceType": 1
    },
    {
      "PushToken": "c3b24fdc7b7a6a449e2f7c4b311c62cd0189378a4774519ae3c1c0f5dde532a4",
      "DeviceType": 2
    }
  ]
}

```

Available Status Codes

Status	Message
100	OK
101	One parameter at least is missing or wrong
102	The input is not well formatted
103	The .P12 file that is needed to complete the operation wasn't found. Please check for active .P12 file for your gateway.
104	Cannot send notification to application without users
105	iOS payload is too large
106	Application does not have any components
107	No components left to send to
200	You are not authorized for this action, please check the credentials again or contact support
900	There has been a service error