

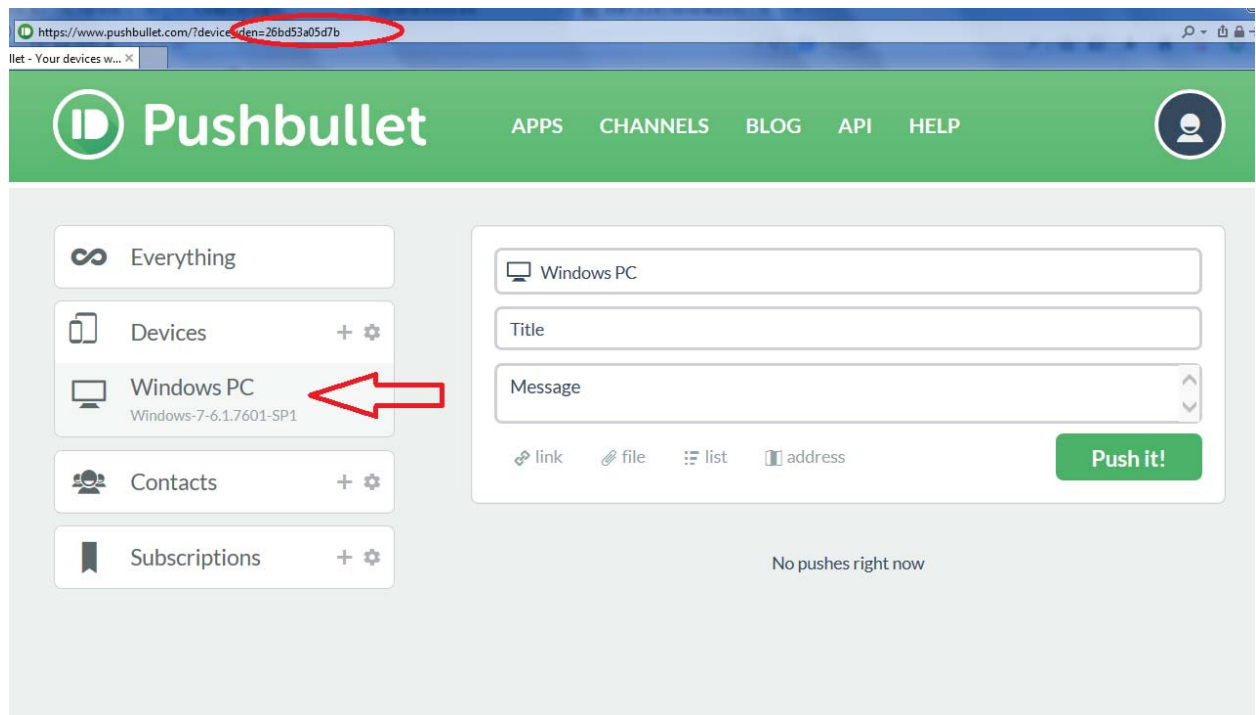
## AUTOMATION

## Pushbullet Service RTI Driver A 'How-To' Guide

This is a little 'how-to' guide on setting up and using the Push Bullet Service and RTI driver. The steps involved are to set up and enable your Push Bullet account online, add your phone, tablet, and other devices to your Push Bullet account online and then configure the driver in your system file project.

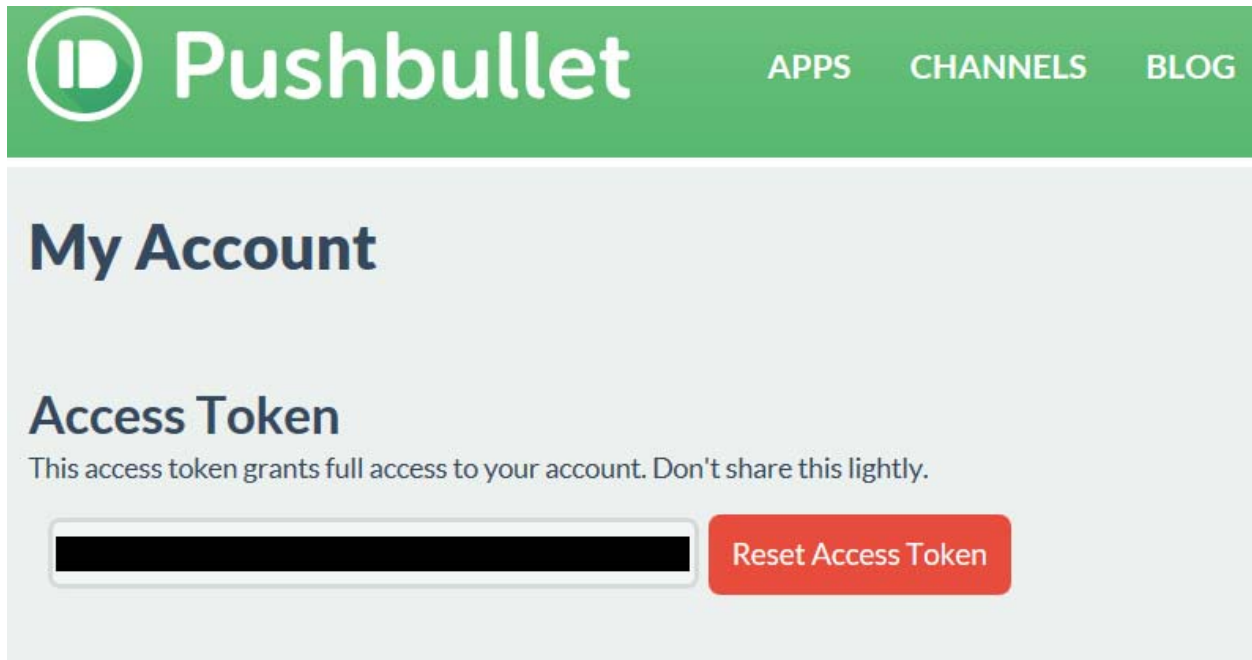
First, create a Push Bullet account at [www.pushbullet.com](http://www.pushbullet.com). Go to the website and click on Sign Up Now button. Follow the prompts and create your account (or your client's account!).

Next, Add your devices to the service. Add the devices by downloading the App from the appropriate app store (Apple or Android). It will walk you through adding the devices. When the device(s) are in your account, you can click on their names and it will show you a URL in the address bar of your browser like this:



The device ID is the last bit of the url. Make a note of it or just copy and paste it into the proper slots in driver configuration as described a little further down below.

The other piece of information you need to know from the Push Bullet website and your account is your Access Token. You can find this in your Account Settings on the website. You won't want to Reset Access Token, just copy it out of the text box and paste it into the driver configuration.



The screenshot shows the Pushbullet website's 'My Account' page. At the top is a green header with the Pushbullet logo (a white 'ID' in a circle) and navigation links for 'APPS', 'CHANNELS', and 'BLOG'. Below the header, the page title 'My Account' is displayed in a large, dark blue font. Underneath, the section 'Access Token' is highlighted. A descriptive text states: 'This access token grants full access to your account. Don't share this lightly.' Below this text is a black rectangular box representing the access token, and to its right is a red button labeled 'Reset Access Token'.

### Driver Configuration

1. Enter your 'Access Token' found in the Account Settings section of your Pushbullet account into the config field called "Access Token".
2. Set the number of devices, up to 10, to which you will send messages.
3. Configure the devices (phone, tablet, browser, etc) to which you will send messages.
  - o Enter the Device Identifier for each device as described above. This is found by clicking on the device in your account page you will find it in the URL Address Bar ([https://www.pushbullet.com/?device\\_iden=#####](https://www.pushbullet.com/?device_iden=#####))
  - o Supports Dynamic Naming of Devices. Enter a name for each device such as "Dad's iPhone" or "Mom's iPad", or even "House Tablet".
4. Optionally enter a System Name for the home system that is sending the messages. This name will be placed at the beginning of the title so it should have at least a space character separator at the end of the name to properly format the whole title as sent. For Example: "My Home Says: " or "<S1>!". Note the space character at the end of each. You can use dash (-) or any other character as well as space. It's up to you! And you can use variable references in the System Name.
5. Optionally select to enable a startup event. This can be useful for sending a message after a processor reboots from a power failure.
6. Add variable references to other driver's flag, integer and/or string system variables. You will have to click on the '+' sign to open up these configuration sections. The sections are called "Driver Flags", "Driver Integers" and "Driver Strings".
7. You will need a license key from [www.coupeautomation.com](http://www.coupeautomation.com) to run the driver for longer than 60 minutes. License key field is where you will copy that license key. The second license key field is for your home test processor license key if you have one. It is not necessary for normal operation on your customer's systems.

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## Message Types - Driver Commands

- **Note** – Use this for sending standard messages to a device in your account. Function is called Send Note (Title, Message, Device). Title and Message can contain variable references as described below.
- **Link** – Use this to send a link to a device. You can call external iOS URLs using this method. For example, a security event triggers a link to an external DVR app. Function is called Send Link (Title, URL, Device). The Title can contain variable references as described below.
- **RTiPanel Page** – Use this to launch RTiPanel to a specific page on opening the notification. Enter the exact page number shown in Integration Designer for each device. Function is called Send RTiPanel Page (Title, Page Number, Device). Again, the Title can contain variable references as described below.

## Message Variable References

In your messages, Title and Body you can use variable reference keywords to include other drivers' flag, integer and string variables in your push notifications. (NOTE: Be careful not to make your title too long by referencing long variables or too many variables!)

Flag References are included by using the keyword <F#> where # is the number of the flag variable.

Integer References are included by using the keyword <I#>.

Strings are referenced by using the keyword <S#>.

Be sure to include the angle brackets around the keywords.

You can also enter a NAME for each driver flag, integer or string variable and reference them by using your entered name. For example, you can reference Current Date and Current Time from the Clock 3.4 driver and name them Date and Time. In your message text, reference named variables by including the angle brackets around your names. Names are not case sensitive, so 'Time' is the same as 'TIME' and 'time' and 'tImE'.

Some examples are:

House is too hot at <I12>F degrees!

Friggin' alarm is going off again. Front door open state is <F1>. Alarm Panel shows <S10>.

Main amp is blasting at <MainVol> dB. Call Junior and tell 'Ace' to turn it down.

Downstairs it is <downstairsTemp>F and upstairs it is <upstairsTemp>F degrees.

## Notes

1. Only US ASCII printable characters are supported by the Pushbullet service. This means international characters such as Ñ, æ, ä, ë, ï, Ü, etc. are not allowed and will cause message sending to fail.

## Version History

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|------|--|
| 1.00 | Initial Release  |
| 1.01 | Adds System Name in configuration. The system name can be anything you want such as "House Says: " or "Client Home: " or even "<S1>!". Be sure to put a separator at the end of the system name because it is concatenated (glued) to the front of the title text. You can use variables in the System Name as well. |
| 1.02 | Minor Bug Fixes  |
| 1.03 | Added capability for Named Driver Variable references in messages, titles, and URLs.   |