
Article

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Sending Alerts to Mobile Phone using Pushover from HTTP.OutboundAdapter

I wanted to see some alerts that occur in my Productions in a Mobile Device, I came across Pushover.net recently that although has an upfront cost \$5 you can send as many messages as you like after that, there is a 7 day free trial to check it out.

To Integrate this with a production I did the following.

Create an account and set up a device on <https://pushover.net/>

Record the following API Keys from the web site on the main page you will see

Your User Key example: ueh3t7478foi3ruf2ogb3syu4fs34s

You then need to create an application I set

Name : Cache

Type : Application

And left the oter settings blank.

This will give you a

API Token/Key example: auh000es1aaaa7ddeb3i4jfkgswwero

I then created this class to add an operation to the production, replace your Key, token and device name into

```
Do httprequest.SetParam("token","auh000es1aaaa7ddeb3i4jfkgswwero")
Do httprequest.SetParam("user","ueh3t7478foi3ruf2ogb3syu4fs34s")

Do httprequest.SetParam("device","motogplay")

Class TrustDev.TrustMon.Operations.PushOverSender Extends Ens.BusinessOperation
{
Parameter ADAPTER = "EnsLib.HTTP.OutboundAdapter";

Property Adapter As EnsLib.HTTP.OutboundAdapter;

Parameter INVOCATION = "Queue";

Method OnD03Alert(pReq As TrustDev.TrustMon.Messages.Alert, Output pResp As %String)
As %Status
{
```

```
Set Message = "Server = <b>"_pReq.ServerName_ "</b>"

Set Message = Message _ "Alert Code = "_pReq.EventDescription

Set title = pReq.EventCode_ " : Priority "_pReq.EventAlertValue

Set httprequest = ##class(%Net.HttpRequest).%New()

Set httprequest.SSLConfiguration = "pushover"

Set httprequest.Https = $$$YES

Set httprequest.Server = "api.pushover.net"

Set httprequest.Location = "/1/messages.json"

Set httprequest.ContentType = "application/x-www-form-urlencoded"

Do httprequest.SetParam("token","auh000eslaaaa7ddeb3i4jfkgswwero")

Do httprequest.SetParam("user","ueh3t7478foi3ruf2ogb3syu4fs34s")

Do httprequest.SetParam("device","motogplay")

Do httprequest.SetParam("title",title)

Do httprequest.SetParam("html",1)

Do httprequest.SetParam("message",Message)

Do httprequest.Post(,0)

set stream = httprequest.HttpResponse.Data

while 'stream.AtEnd {
    Set pResp = stream.Read($$$MaxStringLength)
}

Quit $$$OK
}

XData MessageMap
{
<MapItems>
    <MapItem MessageType="TrustDev.TrustMon.Messages.Alert">
        <Method>OnD03Alert</Method>
    </MapItem>
</MapItems>
}

}
```

The message I pass into this class is the following, but you could adapt this to your own requirements.

```
Class TrustDev.TrustMon.Messages.Alert Extends Ens.Request
{
```

```
Property SiteName As %String;  
  
Property ServerName As %String;  
  
Property ServerId As %Integer;  
  
Property ProductionName As %String;  
  
Property EventDateTime As %DateTime;  
  
Property EventCode As %String;  
  
Property EventItem As %String;  
  
Property EventCodeId As %String;  
  
Property EventDescription As %String(MAXLEN = 50, TRUNCATE = 1);  
  
Property EventValue As %Double;  
  
Property EventValueUnits As %String;  
  
Property EventSD25 As %Double;  
  
Property EventAlertValue As %Double;  
  
Property EventAlertNow As %Boolean;  
  
Property ErrorCode As %String;  
  
Property EventValue2 As %Double;  
  
Property EventValue3 As %Double;  
  
Property EventValue4 As %Double;  
  
Property EventValue5 As %Double;  
  
}
```

Your going to need a empty SSL Client Configuration

In Ensemble go to System > Security Management > SSL/TLS Configurations

Click Create New Configuration

Name it Pushover and leave all the other fields as default and click save

On a Production add a new Operation using the class TrustDev.TrustMon.Operations.PushOverSender

In the basic settings set

HTTP Server = <https://api.pushover.net/1/messages.json>

In Connection Setting set the SSL Configuration to pushover, as created above

Uncheck SSL Check Server Identity

This should now be working, click Actions -> test and add some values to the Request Details and you should get

your first notification through.

Good Luck! :)

[#System Administration](#) [#Ensemble](#)

Source

URL: <https://community.intersystems.com/post/sending-alerts-mobile-phone-using-pushover-httpoutboundadapter>