Email

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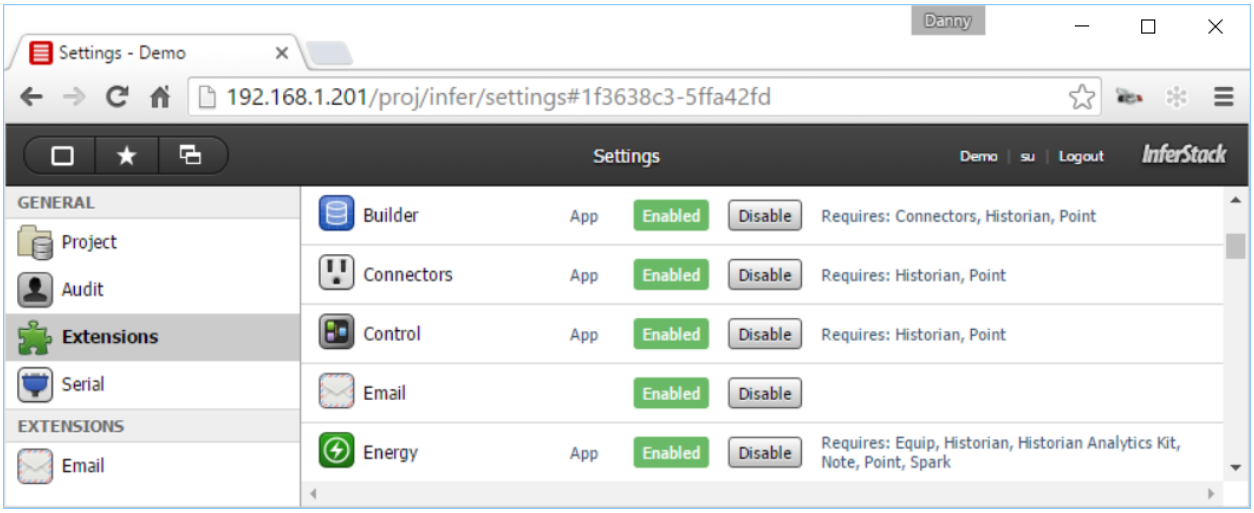
This document guides you through use of the Email extension in InferStack™.

Overview

The email extension provides the capability to send but not receive emails. You need to enable it and set it up via Settings.

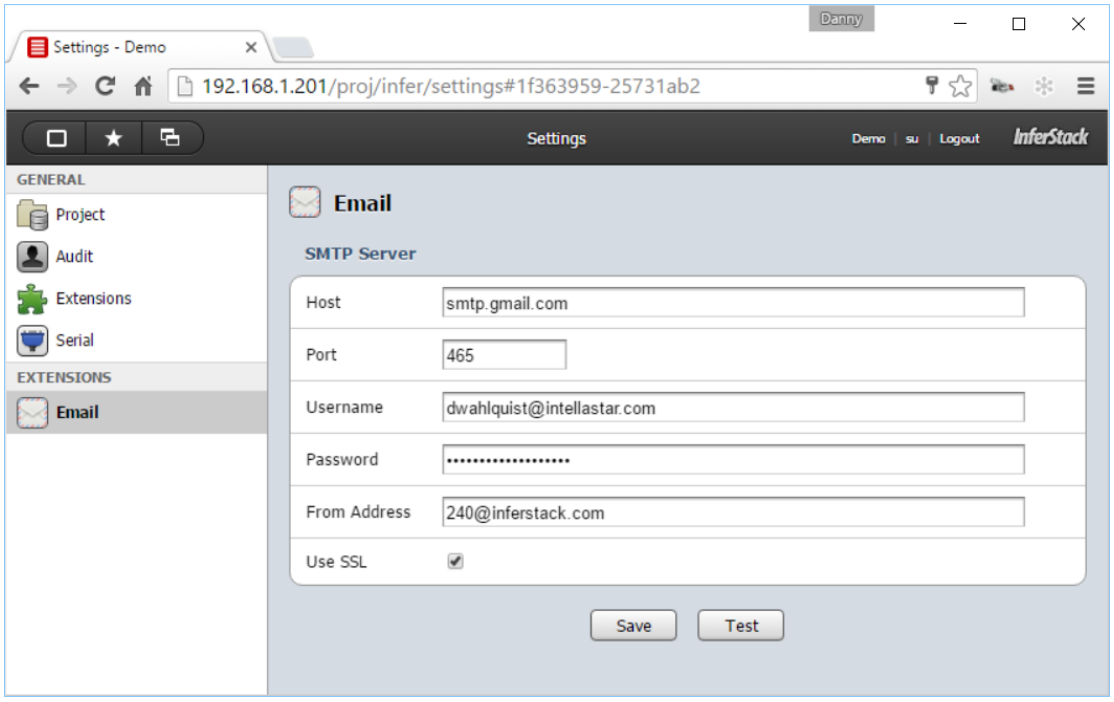
Settings Extensions

You must enable the email extension in Settings. Select the Settings app and press Extensions (ensure that it is green).

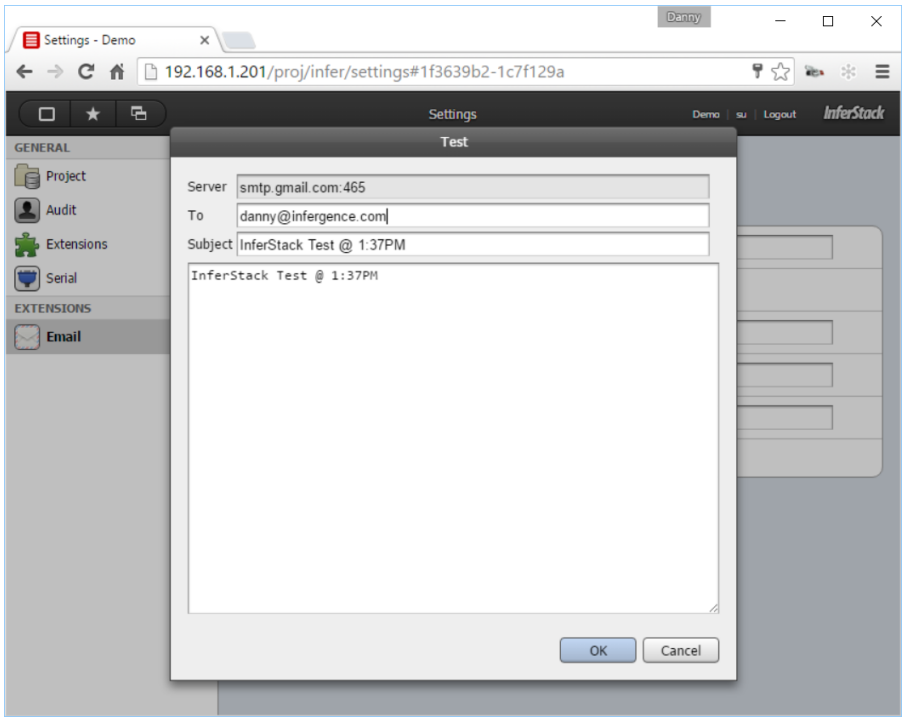


Settings Email

In addition you must set up the Email settings including Host, Port, Username, Password, From Address and whether to Use SSL. Press Email in the left column.

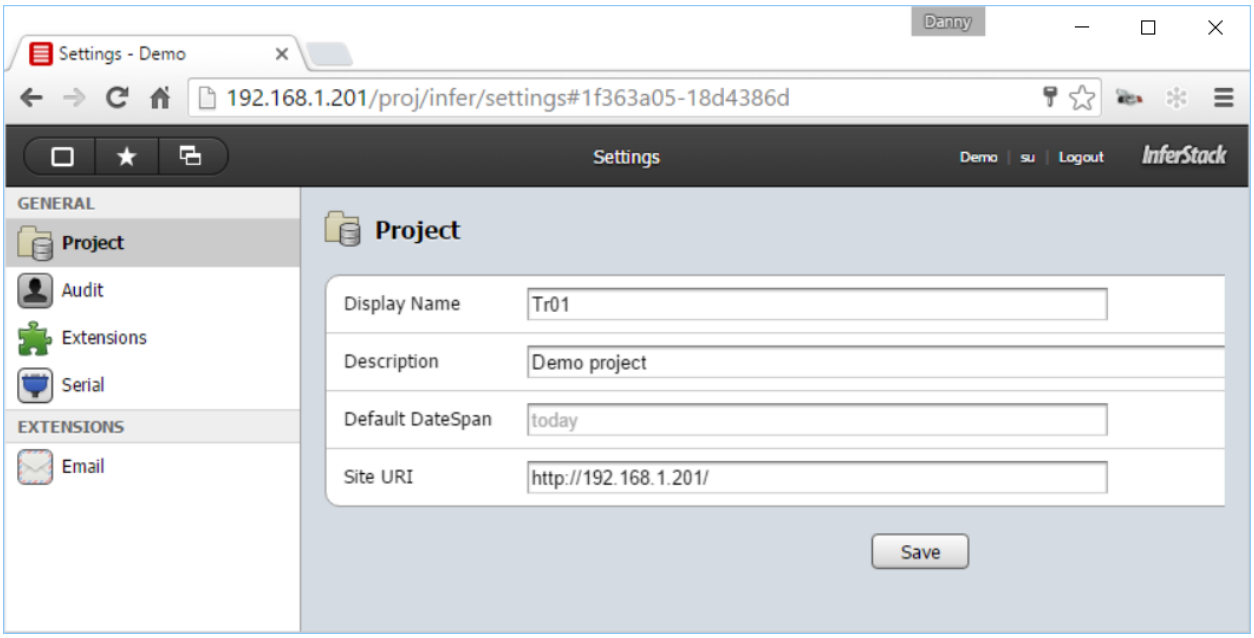


You can test your email setup with the Test button.



Settings Project

You need to enter a Site URI in Project Settings if you want to access reports remotely.



Using Email in a Function

You can set up a Function to send emails such as this example that sends an email of all Reports.

```
() => do
  to: ["dwahlquist@intellastar.com"]
  siteUri: read(projMeta)->siteUri
  projName: readProjStatus()->projName
  linkUri: siteUri + ("api/" + projName + "/link?")
  body:
  "<html><body>\n" +
  "<p>Your InferStack™ reports:</p>" +
  "<ul>\n"
  readAll("report").each r => do
    uri : linkUri.toStr + r->id.toStr
    body = body + "<li><a href='" + uri + "'>" + r.dis + "</a></li>\n"
  end
  body = body +"</ul></body></html>\n"
  emailSend(null, to, "InferStack™ Reports " + dateTime.now, body)
end
```

Press the Funcs app and enter your function.

Func - Tr01

192.168.1.201/proj/infer/func

Func

Tr01 | su | Logout InferStack

New | Save | Edit | Trash | ?

Search...

- addEnumPoints
- ahuCoolAndHeatExample
- ahuCoolFailure
- ahuGroupCoolAndHeat
- ahuOutsideDamperStuckClosed
- ahuOutsideDamperStuckOpen
- ahuTempDiff
- chartDemo
- chartDemoKwh
- chartDemoSparks
- convertToMetric
- elecKwhToCost
- **emailReports**
- equipToPoints

```
() => do
  to: ["dwahlquist@intellastar.com"]

  siteUri: read(projMeta)->siteUri
  projName: readProjStatus()->projName
  linkUri: siteUri + ("api/" + projName + "/link?")

  body:
  "<html><body>
" +
  "<p>Your InferStack reports:</p>" +
  "<ul>
"

  readAll("report").each r => do
    uri : linkUri.toStr + r->id.toStr
    body = body + "<li><a href='" + uri + "'>" + r.dis + "</a></li>
"
  end

  body = body +"</ul></body></html>
"

  emailSend(null, to, "Training 240 InferStack Reports " + dateTime.now, body)

end
```

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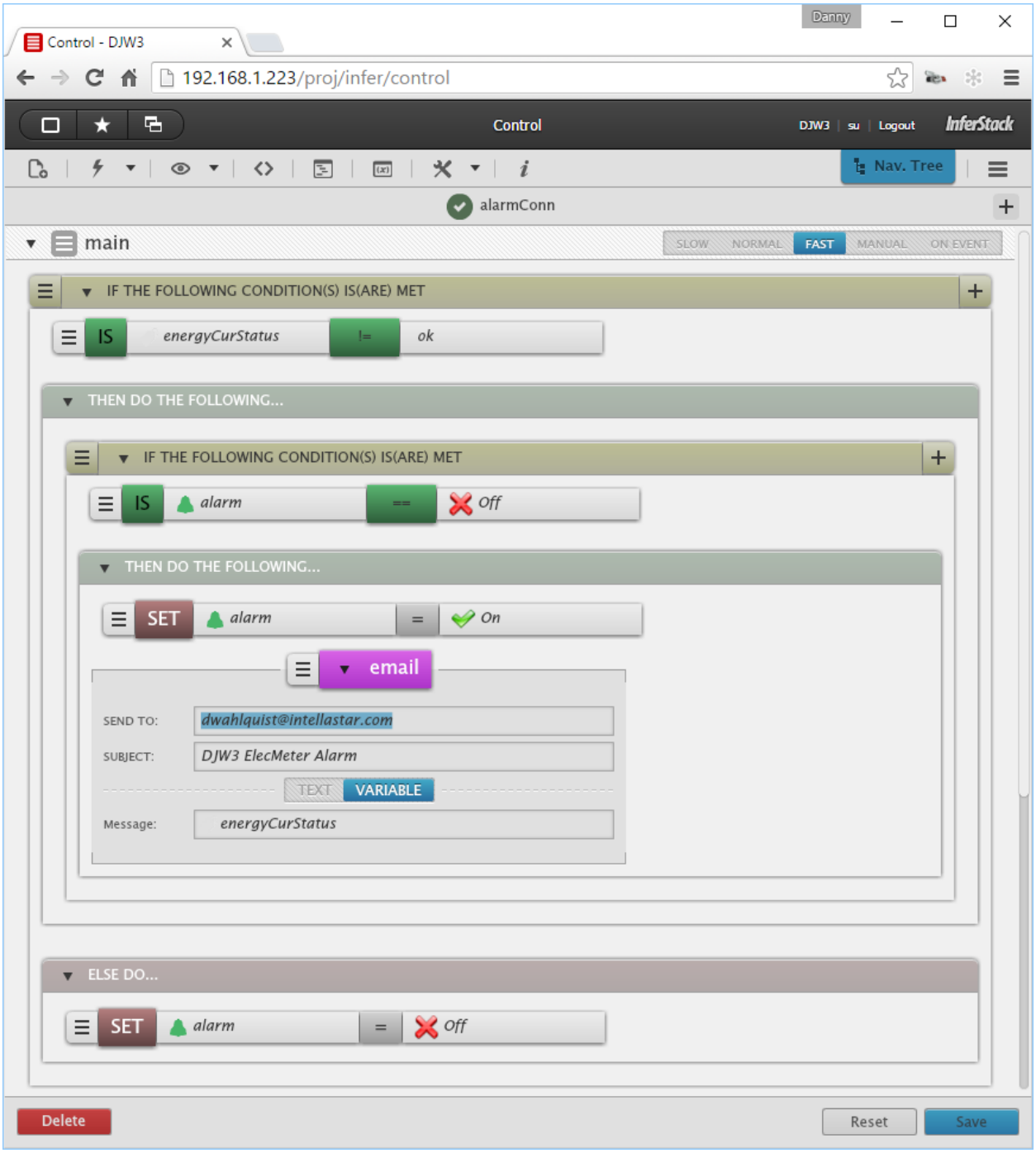
Using Email in Control

You can email from Control as shown in the example below. When curStatus is not ok (and we are not already in alarm), we set the alarm and add an email block to send an email. You can send text, or as shown here, you can select a variable (curStatus)



Topic Subscriptions

Users can be configured to receive emails on various topics configured in the system by the `topic` tag. Specific types of topics include:

- Alarm Topics
- Note Topics
- Spark Topics

All topics support both immediate mode or daily digest mode.

Every user subscribed for topics must have a valid `email` tag configured.

A topic represents a group of items such as alarms, notes or sparks which are matched using a filter via the `topicOn` tag. Topic filters may be any valid filter. The filter is applied to the item itself (alarm, note, spark, etc).

In addition, subscriptions are implicitly filtered by the item's targetRef if the user has access filters configured. For example:

```
// user only has access to hvac equip
username: "bob", equipAccessFilter: hvac
// two pieces of equip
id: @ahu, equip, hvac
id: @meter, equip, energy
```

In the example above we have user named "bob" with an access filter which only lets him see equipment marked with the `hvac` tag. We also have two pieces of equip: an AHU marked with hvac tag and a meter which is missing the hvac tag. In normal operation Bob will see the AHU, but not the meter. Likewise email subscription to notes or sparks with a targetRef to AHU will be sent to Bob, but no notes or sparks for the meter.

Reference

The reference information is on your device or server via the Help app or the portal at http://licensing.intellastar.com/ .