Triggering a DashBoard Panel from a Website (or iOS)

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This application note describes the steps to run a DashBoard panel from a website, including from an iOS-based device. While you cannot create a panel using these types of devices (as DashBoard is Java-based), you can create a panel on a supported operating system (Windows, OSx or 32-bit or 64-bit Linux) and then pull the page up as a webpage to control it.

DashBoard Set Up

1) Create a DashBoard panel
2) Add a button onto the screen and create a task for that button
   
   i) For example create a button called Debug Button with a task that writes a debug message of “Pressing a Button on a Website”
   
   b) Once the button is placed on the screen double click on it to open the Edit Component <button> to access the Button Attributes
   
   c) Set a unique Trigger ID for the button (which can be numeric or a string) and press Apply and Close
i) For example set the Trigger ID to “Press Button”

3) Double click on the panel where there is no item to access the top level Edit Component <abs> for the panel
   a) Set an HTTP Trigger Server Port for the panel

   i) For example enter 1443

   b) Press Apply and Close

4) Identify the IP address of the computer that is running the DashBoard panel that you have created

5) Go to your Internet-enabled device and open an Internet browser
   a) For the website enter the IP address of the computer with colon HTTP Trigger Server Port
      i) For example, if my computer has an IP Address of 10.64.62.62 I would enter 10.64.62.62:1443

6) This will create a grid of buttons that are shown on the webpage
   a) Please note that there are no real configuration options available. It will simply show a grid of buttons.

7) Press the buttons on the hosted webpage to execute the task
   a) Note that the DashBoard panel must be running on the host PC