

In a browser open up the NodeRED flow editor from NodeRED running on your Raspberry Pi.

Add a **Watson IoT** output node to the flow then open the node configuration. In the configuration select **QuickStart**. Press the link to launch quick start console prepopulated with the generated device ID

Leave the QuickStart console open and switch back to the NodeRED flow editor and add the following nodes to the flow

- inject node - configure to send an empty string every 5 seconds
- random node
- debug node - to verify outgoing data is correct
- function node - use the following code in the node:

```
1 msg.payload = {'d' : {'random' : msg.payload}};  
2 return msg
```

connect up the nodes then deploy the flow.

Switch back to the quick start console and you should be seeing the generated random data being displayed.

The latest value being displayed in the QuickStart console should correspond to the latest value being shown in the debug tab on the NodeRED UI.