



predictivemaintenanceofindustrialgenerators

Screen1 | Add Screen | Remove Screen | Publish to Gallery

Designer | Blocks

Blocks

Built-in

- Control
 - Label1
 - HorizontalArrangemer
 - Label2
 - TextBox1
 - HorizontalArrangemer
 - Label3
- Logic
- Math
- Text
- Lists
- Dictionaries
- Colors
- Variables
- Procedures

Rename | Delete

Media

Upload File ...

Viewer

set TextBox8 . Text to

look up in pairs key "pp_trq"

pairs call Web1 .JsonTextDecodeWithDictionaries

jsonText get responseContent

notFound "not found"

set TextBox9 . Text to

look up in pairs key "hpt_temp"

pairs call Web1 .JsonTextDecodeWithDictionaries

jsonText get responseContent

notFound "not found"

set TextBox10 . Text to

look up in pairs key "gt_c_o_temp"

pairs call Web1 .JsonTextDecodeWithDictionaries

jsonText get responseContent

notFound "not found"

set TextBox11 . Text to

look up in pairs key "hpt_prs"

pairs call Web1 .JsonTextDecodeWithDictionaries

jsonText get responseContent

notFound "not found"

Show Warnings

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Built-in

Control

Logic

Math

Text

Lists

Dictionaries

Colors

Variables

Procedures

Screen1

Label1

HorizontalArranger1

Label2

TextBox1

HorizontalArranger2

Label3

Rename Delete

Media

Upload File

set **TextBox5** . **Text** to

look up in pairs key

not found

gt_rat

call **Web1** . **JsonTextDecodeWithDictionaries**

jsonText

get **responseContent**

set **TextBox6** . **Text** to

look up in pairs key

not found

gg_rate

call **Web1** . **JsonTextDecodeWithDictionaries**

jsonText

get **responseContent**

set **TextBox7** . **Text** to

look up in pairs key

not found

sp_trq

call **Web1** . **JsonTextDecodeWithDictionaries**

jsonText

get **responseContent**

set **TextBox8** . **Text** to

look up in pairs key

not found

pp_trq

call **Web1** . **JsonTextDecodeWithDictionaries**

jsonText

get **responseContent**

set **TextBox9** . **Text** to

look up in pairs key

not found

hpt_temp

call **Web1** . **JsonTextDecodeWithDictionaries**

jsonText

get **responseContent**

Decodes the given JSON encoded value to produce a corresponding App Inventor value. A JSON list [x, y, z] decodes to a list (x y z). A JSON Object with name A and value B, denoted as {

responseContent

Show Warnings

Screen1

Predictive Maintenance of Industrial Generators

Temperature

Hint for TextBox1

Humidity

Hint for TextBox2

ship_speed

Hint for TextBox3

gt_shaft

Hint for TextBox4

gt_rate

Hint for TextBox5

gg_rate

Hint for TextBox6

sp_torque

Hint for TextBox7

pp_torque

Hint for TextBox8

hpt_temp

Hint for TextBox9

gt_c_o_temp

Hint for TextBox10

hpt_pressure

Hint for TextBox11

generator on



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Screen1

- Label1
- HorizontalArranger
- Label2
- TextBox1
- HorizontalArranger
- Label3

Rename Delete

Media

Upload File ...

Viewer

```
when Clock1.Timer
do
  set Web1.Url to https://node-red-ydpvw-2021-07-07.eu-gb.mybluemix.net
  call Web1.Get

when Button1.Click
do
  set Web2.Url to https://node-red-ydpvw-2021-07-07.eu-gb.mybluemix.net
  call Web2.Get

when Button2.Click
do
  set Web2.Url to https://node-red-ydpvw-2021-07-07.eu-gb.mybluemix.net
  call Web2.Get

when Web1.GotText
do
  set TextBox1.Text to look up in pairs key Temp pairs call Web1.JsonTextDecodeWithDictionaries
```

Show Warnings



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Designer Blocks

Palette

Search Components

User Interface

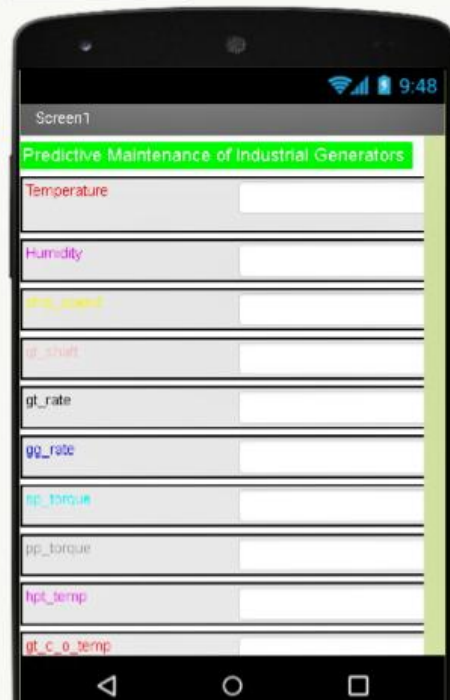
- Button
- CheckBox
- DatePicker
- Image
- Label
- ListPicker
- ListView
- Notifier
- PasswordTextBox
- Slider
- Spinner
- Switch
- TextBox
- TimePicker
- WebViewer

Layout

Viewer

☐ Display hidden components in Viewer

Phone size (505,320)



Components

- Screen1
 - Label1
 - HorizontalArranger
 - Label2
 - TextBox1
 - HorizontalArranger
 - Label3
 - TextBox2
 - HorizontalArranger
 - Label4
 - TextBox3
 - HorizontalArranger
 - Label5
 - TextBox4
 - HorizontalArranger
 - Label6
 - TextBox5

Rename Delete

Media

Upload File ...

Properties

Screen1

- AboutScreen
- AccentColor
 - Default
- AlignHorizontal
 - Left: 1
- AlignVertical
 - Top: 1
- AppName
 - predictivemaintenanceofindus
- BackgroundColor
 - Default
- BackgroundImage
 - None...
- BlocksToolkit
 - All
- CloseScreenAnimation
 - Default
- Icon
 - None...
- OpenScreenAnimation
 - Default
- PrimaryColor

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- Label2
- TextBox1
- HorizontalArranger
- Label3

Rename Delete

Media

Upload File ...

Viewer

when Button2 .Click
do
set Web2 . Url to "https://node-red-ydpvw-2021-07-07.eu-gb.mybluemix.net/"
call Web2 .Get

when Web1 .GotText
url responseCode responseType responseContent
do
set TextBox1 . Text to look up in pairs key Temp
pairs call Web1 .JsonTextDecodeWithDictionaries
notFound not found
set TextBox2 . Text to look up in pairs key Hum
pairs call Web1 .JsonTextDecodeWithDictionaries
notFound not found
set TextBox3 . Text to look up in pairs key ship
pairs call Web1 .JsonTextDecodeWithDictionaries
notFound not found
set TextBox4 . Text to look up in pairs key gl
pairs call Web1 .JsonTextDecodeWithDictionaries
notFound not found
set TextBox5 . Text to look up in pairs key at sat

Returns the textbox contents.



Show Warnings

