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# Working with Keyboards and EditBox

### **DOWNLOAD: Example of a project**

With iRidiumScript you can:

- Activate different types of keyboards
- $\ensuremath{\cdot}$  Write a text from a keyboard into the EditBox item and edit the written text

### **Activating Keyboards**

You can activate the following keyboard types in iRidium:

- Regular
- Numeric
- Smart
- Voice dialog

#### **Receiving Data from EditBox**

Using iRidiumScript you can read data written in EditBox. To do that use the following command:

#### Text = IR.GetItem("Page\_Name").GetItem("Item\_Name").Text;

- $\mathbf{Text}$  the variable where the data from  $\mathsf{EditBox}$  are to be written to
- Page\_Name the name of the page with EditBox
- Item\_Name the name of EditBox

```
IR.AddListener(IR.EVENT_WORK, 0, function() //Event is activated while the
application is running
{
```

```
IR.GetItem("Page 1").GetItem("Item 2").Text = IR.GetItem("Page
1").GetItem("Item 1").Text; //The command reading data from EditBox and
writing it into the item
});
```

#### **Reading Data from EditBox**

In iRidiumScript you can read data from EditBox:

```
IR.AddListener(IR.EVENT_ITEM_CHANGE, IR.GetItem("Page 1").GetItem("Item
1"),function() //Event is activated at change
{
    IR.Log(IR.GetItem("Page 1").GetItem("Item 1").Text); //The changed data is
    output in the log
});
```

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## **Working with Color Schemes**

**DOWNLOAD: Example of a project** 

#### Working with Color

With iRidiumScript you can change the following colors used when displaying an object:

- FillColor,
- BorderColor,
- TextColor,
- TextEffectColor

To change the colors use the following commands:

IR.GetItem("Page\_Name").GetItem("Item\_Name").GetState(State\_Number).Fillcolor=0xFFF FFFF;

IR.GetItem("Page\_Name").GetItem("Item\_Name").GetState(State\_Number).BorderColor=0 xFFFFFFF;

IR.GetItem("Page\_Name").GetItem("Item\_Name").GetState(State\_Number).TextColor=0xFF FFFFF;

#### IR.GetItem("Page\_Name").GetItem("Item\_Name").GetState(State\_Number).TextEffectColor =0xFFFFFFF;

- Page\_Name the name of the page with the selected item
- Item\_Name the name of the item which color you want to change
- State\_Number the number of state which color you want to change
- **0xFFFFFFFF** a color scheme in the Hex format

#### **Color Format**

In iRidiumScript the color schemes has the following structure:

0x FF FF FF FF

- FF Red colors (00 FF)
- FF Green colors (00 FF)
- FF Blue colors (00 FF)
- FF Opacity (00 FF)

Example:

```
IR.GetItem("Page 1").GetItem("Item 1").GetState(0).FillColor
                                                                    =
               //The command for changing the color of
0xFFFF00FF;
                                                              background fill
 IR.GetItem("Page 1").GetItem("Item 1").GetState(0).BorderColor
                                                                    =
              //The command for changing the border color
0xFFFF00FF;
 IR.GetItem("Page 1").GetItem("Item 1").GetState(0).TextColor
                                                                    =
0xFFFF00FF;
               //The command for changing the text color
 (Coming soon)IR.GetItem("Page 1").GetItem("Item
1").GetState(0).TextEffectColor = 0xFFFFFFF; //The command for changing
the text effect color
```

#### **Main Color Codes**

- Red 0xFF0000FF Red
- Orange 0xFF0800FF Orange
- Yellow 0xFFFF00FF Yellow
- Green 0x00FF00FF Green
- Light blue 0x00FBFFFF Light blue
- Dark blue 0x0000FFFF Dark blue
- Violet 0x0800FFFF Violet

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