



Meide Introduction

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What's it?

meide is an UI interface creation library. You can use it to create wxPython based user interface. You know creating UI interface manually is a hard work, and that's why meide comes out.



The goals of Meide

- ◆ Supports easily sizer creation
- ◆ Supports easily widgets creation
- ◆ Supports easily frame creation, like: Dialog, Panel, etc
- ◆ Supports SetValue and GetValue to value-field
- ◆ Supports event binding
- ◆ Supports validate



How does it work?

- ◆ **Lazy Mode**
- ◆ **Immediately Mode**



Lazy Mode

```
import meide as ui
```

```
box = ui.VBox()
```

```
btn = box.add(ui.Button('Hello'),  
             flag=wx.ALIGN_CENTER|wx.ALL)
```

```
btn.bind('click', OnClickHello)
```

```
ui.create(self, box, fit=2)
```



Immediately Mode

```
import wx as ui
```

```
box = ui.VBox().create(self).auto_layout()  
btn = box.add(ui.Button('Hello'),  
              flag=wx.ALIGN_CENTER|wx.ALL)  
btn.bind('click', OnClickHello)  
box.auto_fit(2)
```

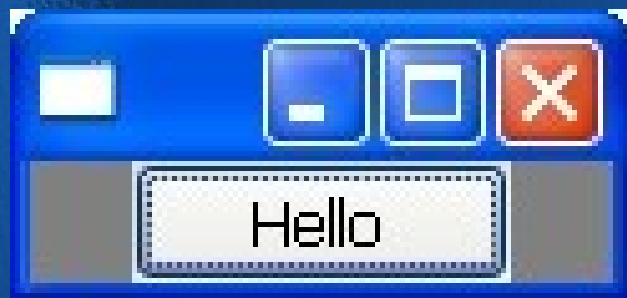


Class Details

- ◆ **Element**
 - ✦ **Layout**
 - ◆ HBox, VBox, Grid, SimpleGrid...
 - ✦ **Wrap Element**
 - ◆ SimpleElement
 - ◆ SimpleValueElement
 - ✦ **EasyElement**
 - ◆ Label, Button, List, Tree...
 - ✦ **ValueElement**
 - ◆ Text, Password, MultiText...

Example (1) Hello Button

```
def init(self):  
    import meide as ui  
  
    self.box = box = ui.VBox()  
    box.add(ui.Button('Hello'), flag=wx.ALIGN_CENTER)  
  
    ui.create(self, box, fit=2)
```

Example (2) -Text Entry Dialog

```
class MyTextEntry(ui.SimpleDialog):
    def __init__(self, parent, title, message, defaultvalue="",
fit=2, size=wx.DefaultSize):
        box = ui.SimpleGrid(namebinding='element')
        box.add(message, ui.Text(defaultvalue), name='text')
        super(MyTextEntry, self).__init__(parent, box, title,
fit=fit, size=size)

    def GetValue(self):
        return self.text.GetValue()
```

Text Input



Input a text:

Ok

Cancel

Example (3) - Open File Dialog

```
class MyFileEntry(ui.SimpleDialog):
    def __init__(self, parent, title, message, defaultvalue="",
                 fit=1, size=wx.DefaultSize):
        box = ui.SimpleGrid(namebinding='element')
        box.add(message, ui.OpenFile(defaultvalue),
                name='filename', span=True)
        super(MyFileEntry, self).__init__(parent, box, title,
                                           fit=fit, size=size)

    def GetValue(self):
        return self.filename.GetValue()
```

Open File



Input filename



Ok

Cancel

Project Info

- ◆ Current Version is 0.0.4
- ◆ Project Site:
<http://code.google.com/p/meide/>



Who use it?

- ◆ UliPad



Demo



Thanks!