

alpha_blending_v2.ImageProcessingApp Class Reference

Public Member Functions

<code>__init__</code>	(self, root)
<code>select_left_config</code>	(self)
<code>select_right_config</code>	(self)
<code>enable_process_button</code>	(self)
<code>process_images</code>	(self)
<code>display_image</code>	(self, processed_images)

Public Attributes

<code>root</code>	= root
str <code>config_left</code>	= ""
str <code>config_right</code>	= ""
<code>left_image_label</code>	= tk.Label(root , text="Left Image: None", anchor="w")
<code>right_image_label</code>	= tk.Label(root , text="Right Image: None", anchor="w")
<code>select_left_button</code>	= tk.Button(root , text="Select Left Config", command=self.select_left_config)
<code>select_right_button</code>	= tk.Button(root , text="Select Right Config", command=self.select_right_config)
<code>process_button</code>	= tk.Button(root , text="Process Images", command=self.process_images, state="disabled")
<code>progress_bar</code>	= ttk.Progressbar(root , orient="horizontal", length=300, mode="determinate")
<code>image_display</code>	= tk.Label(root)

Constructor & Destructor Documentation

◆ `__init__()`

alpha_blending_v2.ImageProcessingApp.__init__ (self, root)

Member Function Documentation

◆ display_image()

```
alpha_blending_v2.ImageProcessingApp.display_image ( self,  
                                                    processed_images )
```

◆ enable_process_button()

```
alpha_blending_v2.ImageProcessingApp.enable_process_button ( self )
```

◆ process_images()

```
alpha_blending_v2.ImageProcessingApp.process_images ( self )
```

◆ select_left_config()

```
alpha_blending_v2.ImageProcessingApp.select_left_config ( self )
```

◆ select_right_config()

```
alpha_blending_v2.ImageProcessingApp.select_right_config ( self )
```

Member Data Documentation

◆ config_left

```
str alpha_blending_v2.ImageProcessingApp.config_left = ""
```

◆ config_right

```
str alpha_blending_v2.ImageProcessingApp.config_right = ""
```

◆ image_display

```
alpha_blending_v2.ImageProcessingApp.image_display = tk.Label(root)
```

◆ left_image_label

```
alpha_blending_v2.ImageProcessingApp.left_image_label = tk.Label(root, text="Left Image: None",  
anchor="w")
```

◆ process_button

```
alpha_blending_v2.ImageProcessingApp.process_button = tk.Button(root, text="Process Images",  
command=self.process_images, state="disabled")
```

◆ progress_bar

```
alpha_blending_v2.ImageProcessingApp.progress_bar = ttk.Progressbar(root, orient="horizontal",  
length=300, mode="determinate")
```

◆ right_image_label

```
alpha_blending_v2.ImageProcessingApp.right_image_label = tk.Label(root, text="Right Image: None",  
anchor="w")
```

◆ root

```
alpha_blending_v2.ImageProcessingApp.root = root
```

◆ select_left_button

```
alpha_blending_v2.ImageProcessingApp.select_left_button = tk.Button(root, text="Select Left Config",  
command=self.select_left_config)
```

◆ select_right_button

```
alpha_blending_v2.ImageProcessingApp.select_right_button = tk.Button(root, text="Select Right Config",  
command=self.select_right_config)
```

The documentation for this class was generated from the following file:

- [alpha_blending_v2.py](#)

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