

QUICK TIPS : iOS

HOW TO **CREATE YOUR OWN CUSTOM XCODE TEMPLATE.**



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Required Steps:

1. Go to “~/Library/Developer/Xcode/”.
2. Create a folder named Templates at path “~/Library/Developer/Xcode/”.
3. Create another folder inside Templates folder where your custom Xcode template will going to be present, you can name anything you want for easy access.

For example: “~/Library/Developer/Xcode/Templates/CustomFolder/”

4. Create a folder named CustomFolder.xctemplate inside CustomFolder.

Complete path till now:- “~/Library/Developer/Xcode/Templates/CustomFolder/CustomFolder.xctemplate”.



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5. Add TemplateInfo.plist file inside CustomFolder.xctemplate.

TemplateInfo.plist file content:

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN" "http://www.apple.com/DTDs/PropertyList-1.0.dtd">
<plist version="1.0">
<dict>
  <key>Kind</key>
  <string>Xcode.IDEKit.TextSubstitutionFileTemplateKind</string>
  <key>Platforms</key>
  <array>
    <string>com.apple.platform.iphoneos</string>
  </array>
  <key>Options</key>
  <array>
    <dict>
      <key>Identifier</key>
      <string>productName</string>
      <key>Required</key>
      <true/>
      <key>Name</key>
      <string>Module:</string>
      <key>Description</key>
      <string>add custom description</string>
      <key>Type</key>
      <string>text</string>
      <key>Default</key>
      <string>VIPERModule</string>
    </dict>
  </array>
</dict>
</plist>
```

You can modify TemplateInfo.plist file as per your requirements.



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6. Add “__FILEBASENAME__myCustomFile.swift” file inside CustomFolder.xctemplate folder.

__FILEBASENAME__myCustomFile.swift content:

```
//  
//  __FILEHEADER__  
//  
import UIKit  
  
class  
__VARIABLE_productName:identifier__myCustomFile:  
UIViewController {  
  
    // Add here outlets  
  
    override func viewDidLoad() {  
        super.viewDidLoad()  
    }  
}
```



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```
    configUI()  
}  
  
func configUI() {  
    // Add here the setup for the UI  
}  
}
```

That's it now you can reuse your own custom template file from Xcode.

You can also add icons for you templates you just need to add icons inside your CustomFolder.xctemplate.

Example: TemplateIcon.png and TemplateIcon@2x.png.

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