



Emoji IME

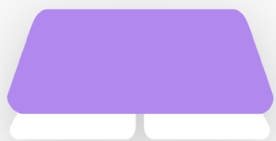
18

Emoji IME

Python

IMProtocol

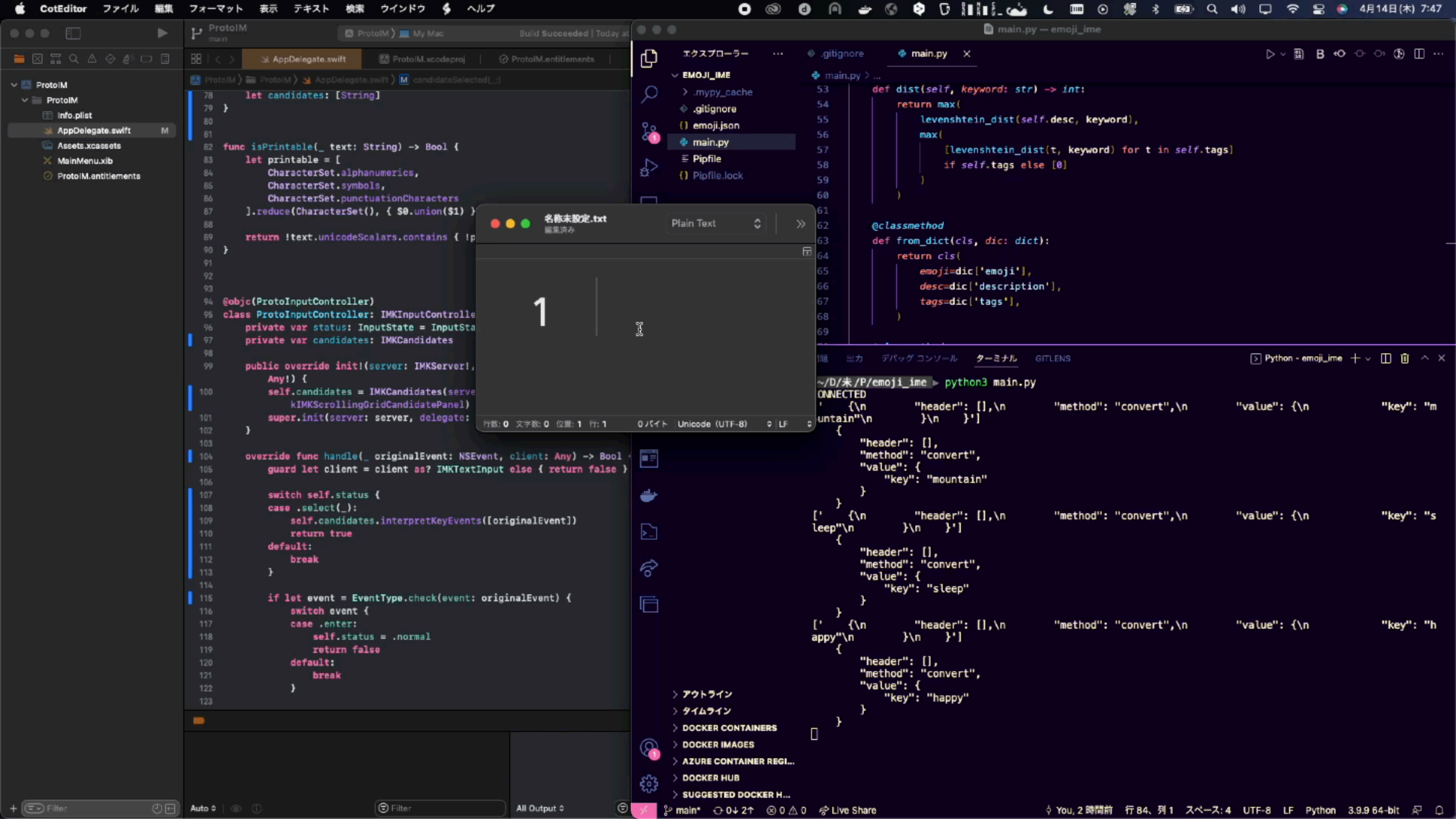
TCP Socket



IMPlane

Swift

IMKit (macOS)



幅広い活用の
可能性

The screenshot displays a development environment with three main windows:

- Left Window (Swift Code):** Shows the `AppDelegate.swift` file in the `ProtoIM` project. The code includes a `candidateSelected()` method and a `handle(_ originalEvent: NSEvent, client: Any) -> Bool` method. The `handle` method contains a `switch` statement for `self.status` and a `default` case for `EventType`.
- Top Window (Python Code):** Shows the `main.py` file in the `emoji_ime` project. The code includes a `dist` method and a `from_dict` classmethod. The `dist` method uses `levenshtein_dist` to calculate the distance between a keyword and a tag.
- Bottom Window (Terminal):** Shows the output of running `python3 main.py`. The output is a JSON array of objects, each representing a candidate. The objects have the following structure:

```
{ "header": [], "method": "convert", "value": { "key": "mountain" }, "key": "m" }
```

The bottom window also shows a file explorer on the left with a tree view of the project structure, including `main.py`, `emoji.json`, `Pipfile`, and `Pipfile.lock`.

AppDelegate.swift

ProtoIM.xcodeproj

ProtoIM.entitlements

ProtoIM

AppDelegate.swift

candidateSelected(_)

```
78 let candidates: [String]
79 }
80
81
82 func isPrintable(_ text: String) -> Bool {
83     let printable = [
84         CharacterSet.alphanumerics,
85         CharacterSet.symbols,
86         CharacterSet.punctuationCharacters
87     ].reduce(CharacterSet(), { $0.union($1) }
88
89     return !text.unicodeScalars.contains { !p
90 }
91
92
93
94 @objc(ProtoInputController)
95 class ProtoInputController: IMKInputController {
96     private var status: InputState = InputStateNormal
97     private var candidates: IMKCandidates
98
99     public override init!(server: IMKServer!, delegate: Any!) {
100         self.candidates = IMKCandidates(server: server, delegate: self, kIMKScrollingGridCandidatePanel)
101         super.init(server: server, delegate: delegate)
102     }
103
104     override func handle(_ originalEvent: NSEvent, client: Any) -> Bool {
105         guard let client = client as? IMKTextInput else { return false }
106
107         switch self.status {
108             case .select(_):
109                 self.candidates.interpretKeyEvents([originalEvent])
110                 return true
111             default:
112                 break
113         }
114
115         if let event = EventType.check(event: originalEvent) {
116             switch event {
117                 case .enter:
118                     self.status = .normal
119                     return false
120             default:
121                 break
122         }
123     }
124 }
```

main.py

main.py

main.py

```
53 def dist(self, keyword: str) -> int:
54     return max(
55         levenshtein_dist(self.desc, keyword),
56         max(
57             [levenshtein_dist(t, keyword) for t in self.tags]
58             if self.tags else [0]
59         )
60     )
61
62 @classmethod
63 def from_dict(cls, dic: dict):
64     return cls(
65         emoji=dic['emoji'],
66         desc=dic['description'],
67         tags=dic['tags'],
68     )
69
```

名称未設定.txt

編集済み

Plain Text

1

行数: 0 文字数: 0 位置: 1 行: 1 0 バイト Unicode (UTF-8) LF

main.py

python3 main.py

CONNECTED

{\n "header": [],\n "method": "convert",\n "value": {\n "key": "m

{\n "header": [],\n "method": "convert",\n "value": {\n "key": "mountain"

{\n "header": [],\n "method": "convert",\n "value": {\n "key": "sleep"

{\n "header": [],\n "method": "convert",\n "value": {\n "key": "happy"

アウトライン

タイムライン

DOCKER CONTAINERS

DOCKER IMAGES

AZURE CONTAINER REGI...

DOCKER HUB

SUGGESTED DOCKER H...

main*

0 ↓ 2 ↑

0 △ 0

Live Share

You, 2 時間前

行 84、列 1

スペース: 4

UTF-8

LF

Python

3.9.9 64-bit

Emoji IME

幅広い活用の
可能性

Emoji IME
Python

IMProtocol
TCP Socket



IMPlane

Swift

IMKit (macOS)

未踏期間で目指す完成度