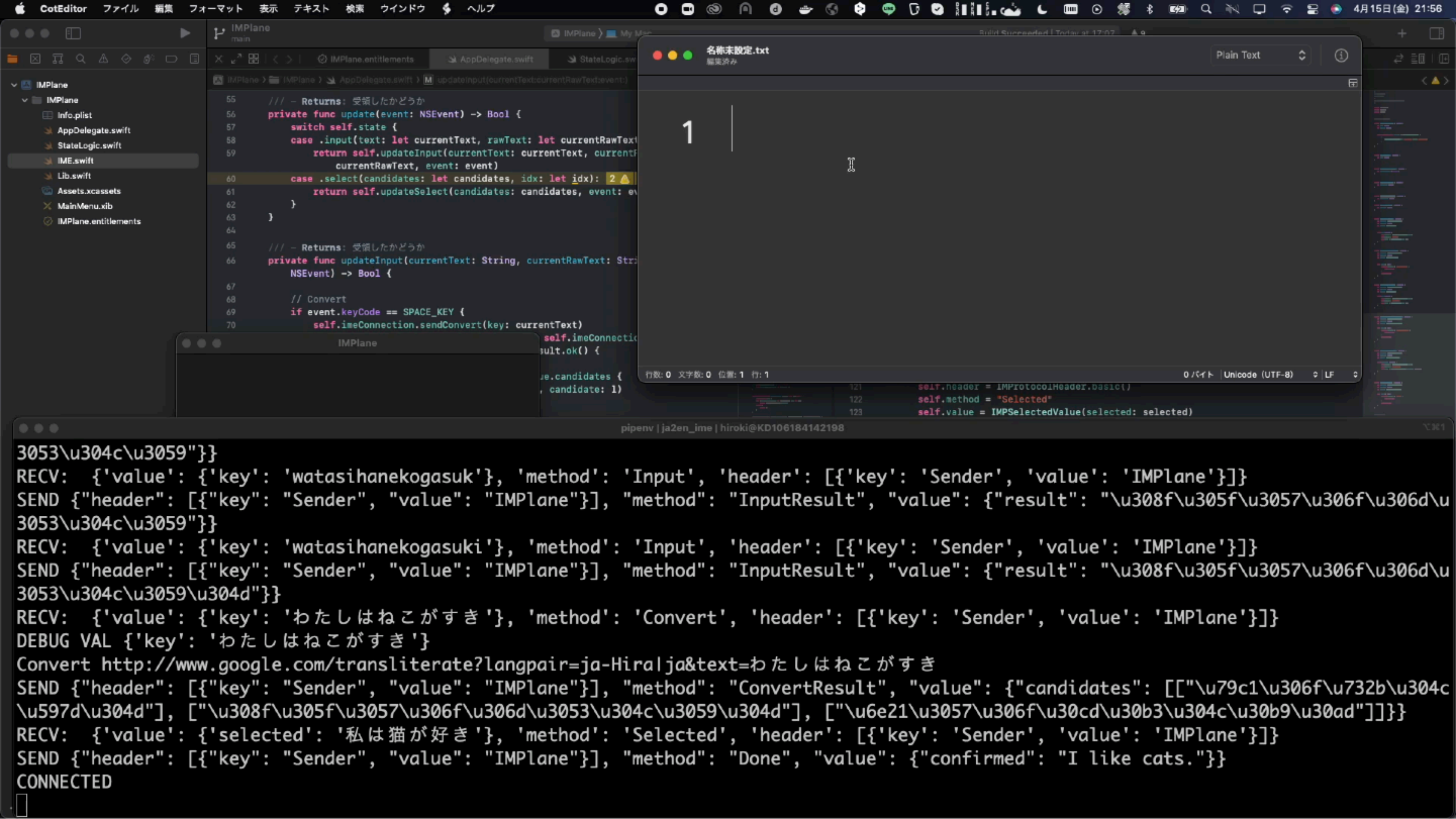


プロタイプでのデモ







Konjac

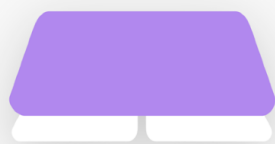
Python

Google日本語入力API

ネットで拾った日英翻訳モデル

IMProtocol

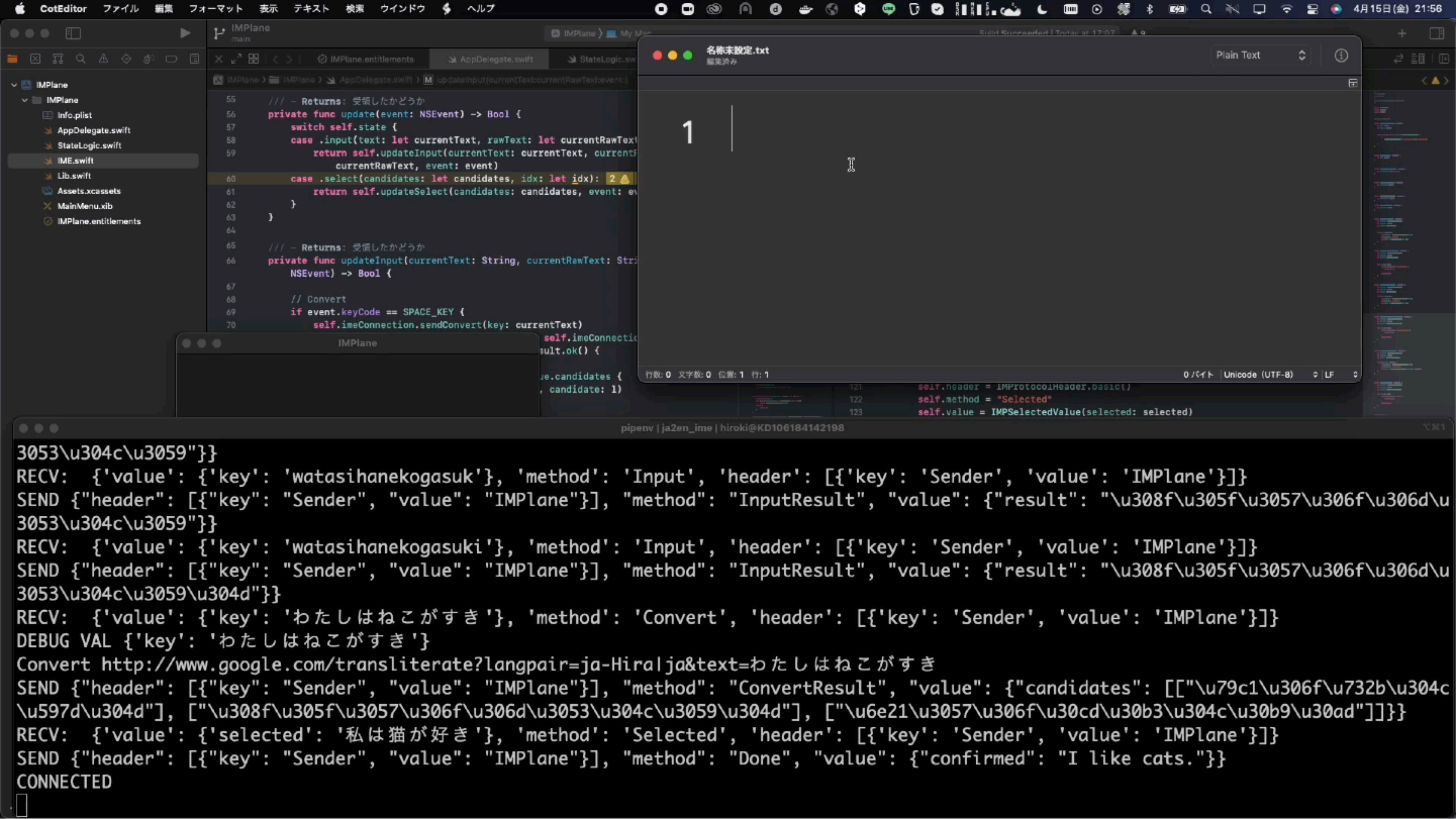
TCP Socket



IMPlane

Swift

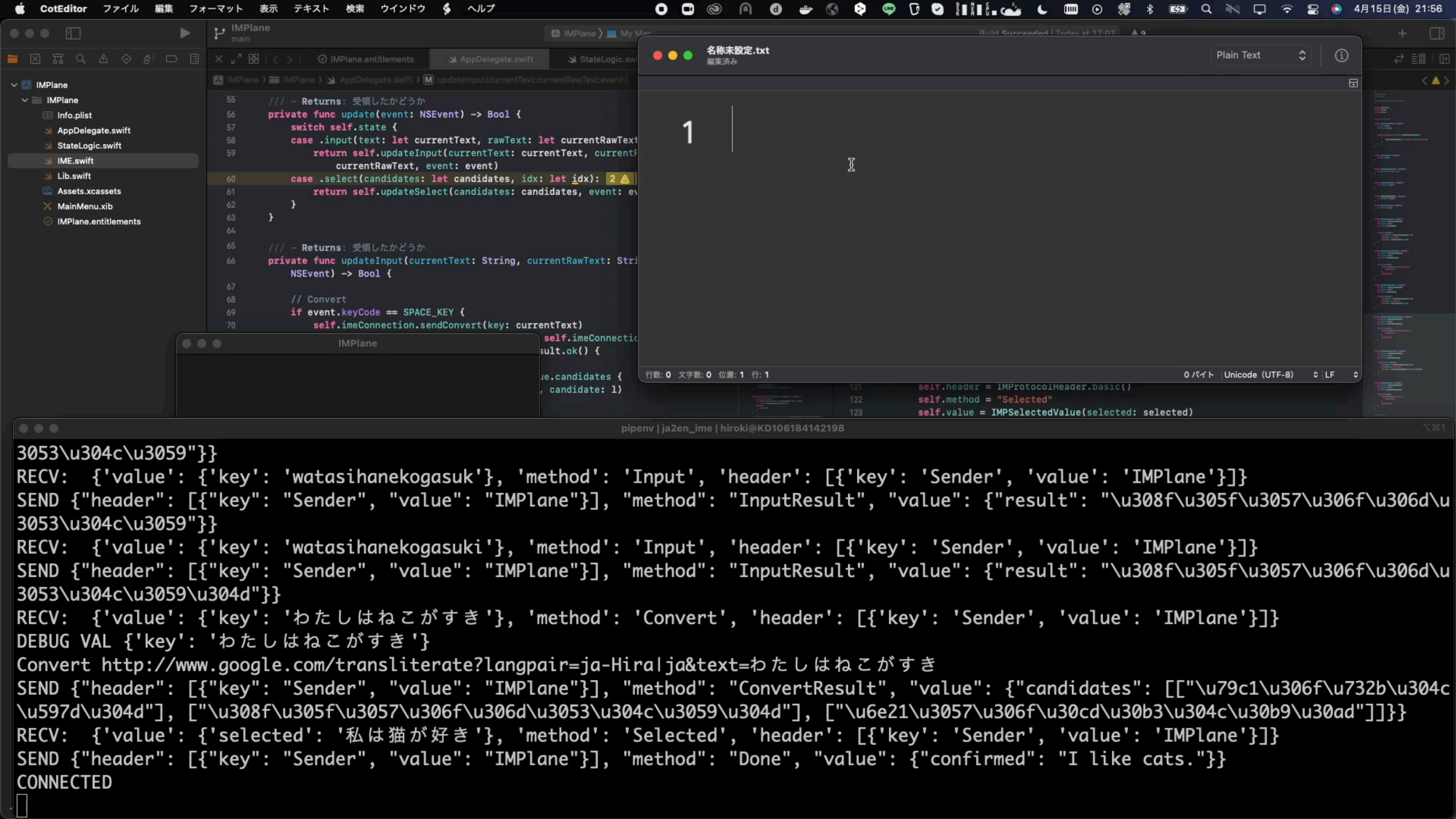
IMKit (macOS)



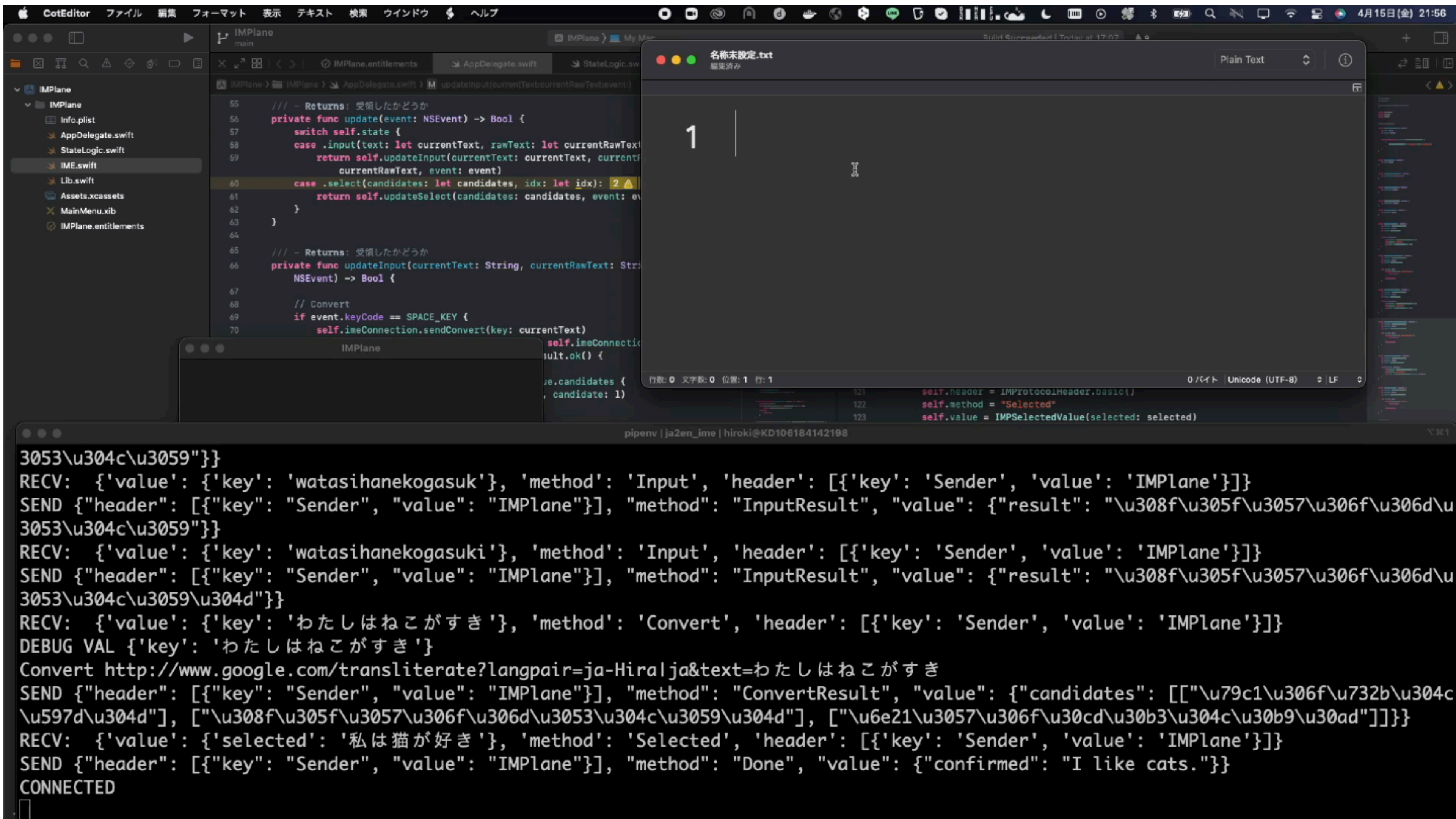
```
IMPlane
main
AppDelegate.swift
StateLogic.swift
IMPlane > IMPlane > AppDelegate.swift > updateInput(currentText:currentRawText:event:)
55  /// - Returns: 受領したかどうか
56  private func update(event: NSEvent) -> Bool {
57      switch self.state {
58      case .input(text: let currentText, rawText: let currentRawText):
59          return self.updateInput(currentText: currentText, currentRawText: currentRawText, event: event)
60      case .select(candidates: let candidates, idx: let idx):
61          return self.updateSelect(candidates: candidates, event: event)
62      }
63  }
64
65  /// - Returns: 受領したかどうか
66  private func updateInput(currentText: String, currentRawText: String, event: NSEvent) -> Bool {
67
68      // Convert
69      if event.keyCode == SPACE_KEY {
70          self.imeConnection.sendConvert(key: currentText)
71          self.imeConnection.sendResult(result.ok() {
72              self.imeConnection.sendCandidates(candidates: {
73                  candidate: 1)
74              }
75          )
76      }
77  }
```

```
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
```

```
pipenv | ja2en_ime | hiroki@KD106184142198
3053\u304c\u3059"}}
RECV: {'value': {'key': 'watasihanekogasuk'}, 'method': 'Input', 'header': [{'key': 'Sender', 'value': 'IMPlane'}]}
SEND {"header": [{"key": "Sender", "value": "IMPlane"}], "method": "InputResult", "value": {"result": "\u308f\u305f\u3057\u306f\u306d\u3053\u304c\u3059"}}
RECV: {'value': {'key': 'watasihanekogasuki'}, 'method': 'Input', 'header': [{'key': 'Sender', 'value': 'IMPlane'}]}
SEND {"header": [{"key": "Sender", "value": "IMPlane"}], "method": "InputResult", "value": {"result": "\u308f\u305f\u3057\u306f\u306d\u3053\u304c\u3059\u304d"}}
RECV: {'value': {'key': 'わたしはねこがすき'}, 'method': 'Convert', 'header': [{'key': 'Sender', 'value': 'IMPlane'}]}
DEBUG VAL {'key': 'わたしはねこがすき'}
Convert http://www.google.com/transliterate?langpair=ja-Hira|ja&text=わたしはねこがすき
SEND {"header": [{"key": "Sender", "value": "IMPlane"}], "method": "ConvertResult", "value": {"candidates": [{"\u79c1\u306f\u732b\u304c\u597d\u304d"}, [{"\u308f\u305f\u3057\u306f\u306d\u3053\u304c\u3059\u304d"}, [{"\u6e21\u3057\u306f\u30cd\u30b3\u304c\u30b9\u30ad"}]]}}
RECV: {'value': {'selected': '私は猫が好き'}, 'method': 'Selected', 'header': [{'key': 'Sender', 'value': 'IMPlane'}]}
SEND {"header": [{"key": "Sender", "value": "IMPlane"}], "method": "Done", "value": {"confirmed": "I like cats."}}
CONNECTED
```

プロトタイプのデモ

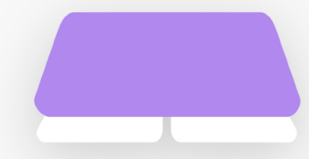


 **Konjac**

Python
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IMProtocol

TCP Socket

 **IMPlane**

Swift

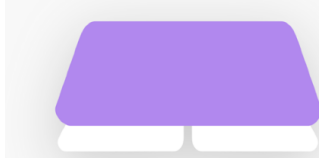
IMKit (macOS)

Emoji IME

幅広い活用の
可能性

Emoji IME
Python

IMProtocol
TCP Socket



IMPlane

Swift

IMKit (macOS)