

## Karaviner\_キー作成仕方

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1. 編集
2. make
3. karg
4. karu
5. インストール

## 追加でショートカットキーを登録する時の手順

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1. 既存の登録分を削除
2. 新規登録分をインストール

※ この手順ですと、既存の登録分の位置にインストール分をインストールされ、インストール位置に手動で操作の手間が省ける。

## frontmost\_finder.json.erb でショートカットキー登録できない

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correct formatとエラー表示

代用として、「tesuto.json.erb」でショートカットキー登録すること

## 一括設定

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replacekeysummary.json

shotcutkeysummary.json

window\_control.json

(注) "\_comment": "",を入れていると、うまく設定が反映されない。

## 個別設定

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frontmost\_~.json

replacekey.json

shotcutkey.json

double\_push\_key.json

## 1つ説明で複数の設定を入力するパターン

```
{ "title": "WindowControl123", "rules": [ { "description": "Fn + ~_WindowsControl(WindowControl)", "manipulators": [ { "description": "Fn + U_WindowLeftUp", "type": "basic", "from": <%= from("u", ["fn"], ["caps_lock"]) %>, "to": <%= to(["6", "right_alt"]) %> }, { "description": "Fn + H_LeftWindowMove", "type": "basic", "from": <%= from("h", ["fn"], ["caps_lock"]) %>, "to": <%= to(["2", "right_alt"]) %> } ] } ] }
```

## 1つ説明で1つの設定を入力するパターン

```
{ "title": "FrontmostIfPararell", "rules": [ { "description": "LeftCommand + W_CurrentCursol-EndRowSelect(Pararell)", "manipulators": [ { "type": "basic", "from": <%= from("w", ["left_control"], ["caps_lock"]) %>, "to": <%= to(["equal_sign", "left_option"]) %>, "conditions": [ <%= frontmost_application_if("pararell") %> ] } ], { "description": "RightCommand + ._MaxWindows(Pararell)", "manipulators": [ { "type": "basic", "from": <%= from("period", ["right_gui"], ["caps_lock"]) %>, "to": <%= to(["1", "left_option"]) %>, "conditions": [ <%= frontmost_application_if("pararell") %> ] } ] } ] }
```

[Exploer]

com.parallels.winapp.b06b57f82d7f519cdfa3013b29968f3d.b9dc48efd5094ca8a69c0e98f2ecf717

[Sublime]

com.parallels.winapp.7d56d4002964a683f165ae699d4ad1ba.b9dc48efd5094ca8a69c0e98f2ecf717

[Vscodex]

com.parallels.winapp.d51a768a01445deddc409dc4b3c07517.b9dc48efd5094ca8a69c0e98f2ecf717

[Excel]

com.parallels.winapp.c1d81af5835844b4e9d936910ded8fdc.b9dc48efd5094ca8a69c0e98f2ecf717

[Access]

com.parallels.winapp.bf733d8a933c1601697f364223fc7ecb.b9dc48efd5094ca8a69c0e98f2ecf717

[ファイル名を指定して実行]

com.parallels.winapp.2d457b859f61df5cdc0ae605436482d3.b9dc48efd5094ca8a69c0e98f2ecf717.fs

[Uws2Exe\_uwscのExe化をするツール]

com.parallels.winapp.f900d466e8ca2c668fa8844e6e5205f3.b9dc48efd5094ca8a69c0e98f2e  
cf717

[メモ帳]

com.parallels.winapp.ee162c85923f5664be0dcc14062cc904.b9dc48efd5094ca8a69c0e98f2e  
cf717

[SSMS]

com.parallels.winapp.5f30debe0c2949158e0cff8dc0684bbb.b9dc48efd5094ca8a69c0e98f2e  
cf717

[Chrome\_Windows]

com.parallels.winapp.76868ae832f6c6bd26cad7d7c269986.b9dc48efd5094ca8a69c0e98f2e  
cf717

[PowerShell]

com.parallels.winapp.bf448b76d11422f4a518bec20eb47937.b9dc48efd5094ca8a69c0e98f2ec  
f717

[qdir]

com.parallels.winapp.cc097fe29f445d49eb74bd5993a02853.b9dc48efd5094ca8a69c0e98f2e  
cf717

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# 固定アプリとパブリックの キーバインド設定の適用順 位について

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(上に、パブリックキーバインド設定があるため、固定アプリキーバインド設定は適用できない)

1. パブリックキーバインド設定

2. 固定アプリキーバインド設定

(上に、固定アプリキーバインド設定があるため、固定アプリキーバインド設定も適用できるし、パブリックキーバインド設定も適用される)

1. 固定アプリキーバインド設定

## 2. パブリックキーバインド設定

- パブリックキーバインド設定を一番下に配置するようにした方が良い。

# Profilesについて

JupyterLabを使用する。

tesutoは、テスト用のプロファイルとして使用する。理由は、Complex modificationsのEnable rulesで新規のルールを追加して、追加したルールが適用できているかを検証する場合にUpで一番上にのっていかないと適用できないケースがあるため。

capslockがオンの時、f7で起動し、capslockがオフの時はpublicで指定したf7の挙動

```
{
  "description": "F7_ステップアウト(intellij)",
  "manipulators": [
    {
      "type": "basic",
      "from": <%= from("f7", ["caps_lock"]) %>,
      "to": <%= to(["2", ["right_gui", "right_option"]]) %>,
      "conditions": [ <%= frontmost_application_if("intellij") %> ]
    }
  ]
}
```

# [replace\_vim.json.erb]

ハイフンは、["japanese\_eisuu"]を使用しない理由: 日本語での文章入力では、-ではなく、一を使うため。

```
{
  "description": "Leftoption + Rightcommand_hypen(Replacekey)",
  "manipulators": [
    {
      "type": "basic",
```

```

    "from": <%= from("right_gui", ["left_alt"], ["caps_lock"]) %>,
    "to": <%= to(["hyphen"]) %>
  }
]
},

```

# frontmost\_application\_if ("excel")とmiをまとめた い

toで指定するキーが違いため、できない

```

{ "description": "RightCommand + semicolon_NextTab(Excel)", "manipulators": [ { "type":
"basic", "from": <%= from("semicolon", ["right_gui"]) %>, "to": <%= to(["right_arrow",
["left_alt"]]) %>, "conditions": [ <%= frontmost_application_if("excel") %> ] } ] },

```

```

{
  "description": "RightCommand + Semicolon_LatestTabToggle(mi)",
  "manipulators": [
    {
      "type": "basic",
      "from": <%= from("semicolon", ["right_gui"], ["caps_lock"]) %>,
      "to": <%= to(["close_bracket", ["left_shift", "right_gui"]]) %>,
      "conditions": [ <%= frontmost_application_if("mi") %> ]
    }
  ]
},

```

## backup FrontmostIfPararel

```

{ "title": "FrontmostIfPararel", "rules": [ { "description": "LeftCommand + W_CurrentCursor-
EndRowSelect(Pararell)", "manipulators": [ { "type": "basic", "from": <%= from("w",
["left_control"], ["caps_lock"]) %>, "to": <%= to(["equal_sign", "left_option"]) %>,
"conditions": [ <%= frontmost_application_if("pararell") %> ] } ] }, { "description":
"RightCommand + ._MaxWindows(Pararell)", "manipulators": [ { "type": "basic", "from": <%=

```

```

from("period", ["right_gui"], ["caps_lock"]) %>, "to": <%= to(["1", "left_option"]) %>,
"conditions": [ <%= frontmost_application_if("pararell") %> ] } }, { "description":
"RightCommand + A_NewFileCreate(Pararell)", "_comment": "Windowsのvscodeで新規ファイルを
作成するショートカットキーの為にこの設定が必要", "manipulators": [ { "type": "basic", "from": <%=
from("a", ["right_gui"], ["caps_lock"]) %>, "to": <%= to(["n", ["right_option"]]) %>,
"conditions": [ <%= frontmost_application_if("pararell") %> ] } }, { "description":
"LeftCommand + Quote_Single Column Editor Layout(Pararell)", "manipulators": [ { "type":
"basic", "from": <%= from("quote", ["left_control"], ["caps_lock"]) %>, "to": <%= to(["h",
["right_control"]]) %>, "conditions": [ <%= frontmost_application_if("pararell") %> ] } }, {
"description": "RightCommand + i_Neighbor(Pararell)", "_comment": "WindowsSublimeの右の
エディターにカーソル移動", "manipulators": [ { "type": "basic", "from": <%= from("i", ["right_gui"],
["caps_lock"]) %>, "to": <%= to(["i", ["right_control"]]) %>, "conditions": [ <%=
frontmost_application_if("pararell") %> ] } }, { "description": "コマンドキーを単体で押したときに、
英数・かなキーを送信する。(左コマンドキーは英数、右コマンドキーはかな) (Pararell)", "_comment":
"下記にKaravinerツール「frontmostApplicationで日本語_英語キー切り替えをLeftCommandと
RightCommandでしたい場合、ウィンドウコード確認し、下記に入力、Vscod_d51,Sublime_7d5,Excel
通常画面_VBE_c1d", "manipulators": [ { "from": { "key_code": "left_control", "modifiers": {
"optional": [ "caps_lock" ] } }, "to": [ { "key_code": "left_control", "lazy": true } ], "to_if_alone": [
{ "key_code": "f12", "modifiers": [ "left_control" ] } ], "conditions": [ { "type":
"frontmost_application_if", "bundle_identifiers": [ "^com.parallels.desktop.console$",
"^com.parallels.winapp.b06b57f82d7f519cdfa3013b29968f3d.b9dc48efd5094ca8a69c0e98f2
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"^com.parallels.winapp.76868ae832f6c6bd26cad7d7c269986.b9dc48efd5094ca8a69c0e98f
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2ecf717$" ] } ], "type": "basic" }, { "from": { "key_code": "right_command", "modifiers": {
"optional": [ "caps_lock" ] } }, "to": [ { "key_code": "right_command", "lazy": true } ],
"to_if_alone": [ { "key_code": "f9", "modifiers": [ "left_control" ] } ], "conditions": [ { "type":

```

```
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"^com.parallels.winapp.7d56d4002964a683f165ae699d4ad1ba.b9dc48efd5094ca8a69c0e98f2ecf717$",
"^com.parallels.winapp.d51a768a01445deddc409dc4b3c07517.b9dc48efd5094ca8a69c0e98f2ecf717$",
"^com.parallels.winapp.c1d81af5835844b4e9d936910ded8fdc.b9dc48efd5094ca8a69c0e98f2ecf717$",
"^com.parallels.winapp.2d457b859f61df5cdc0ae605436482d3.b9dc48efd5094ca8a69c0e98f2ecf717.fs$",
"^com.parallels.winapp.f900d466e8ca2c668fa8844e6e5205f3.b9dc48efd5094ca8a69c0e98f2ecf717$",
"^com.parallels.winapp.ee162c85923f5664be0dcc14062cc904.b9dc48efd5094ca8a69c0e98f2ecf717$",
"^com.parallels.winapp.bf733d8a933c1601697f364223fc7ecb.b9dc48efd5094ca8a69c0e98f2ecf717$",
"^com.parallels.winapp.5f30debe0c2949158e0cff8dc0684bbb.b9dc48efd5094ca8a69c0e98f2ecf717$",
"^com.parallels.winapp.76868ae832f6c6bd26cad7d7c269986.b9dc48efd5094ca8a69c0e98f2ecf717$",
"^com.parallels.winapp.bf448b76d11422f4a518bec20eb47937.b9dc48efd5094ca8a69c0e98f2ecf717$",
"^com.parallels.winapp.cc097fe29f445d49eb74bd5993a02853.b9dc48efd5094ca8a69c0e98f2ecf717$" ] ] }, { "type": "basic" } ] }, { "description": "LeftCommand + Comma_AppsSelect-previous(Pararell)", "manipulators": [ { "type": "basic", "from": { "modifiers": { "mandatory": [ "left_control" ] }, "key_code": "comma" }, "to": [ { "repeat": true, "key_code": "tab", "modifiers": [ "left_alt", "right_shift" ], "halt": true } ], "conditions": [ { "type": "frontmost_application_if", "bundle_identifiers": [ "^com.parallels.desktop.console$",
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"^com.parallels.winapp.c1d81af5835844b4e9d936910ded8fdc.b9dc48efd5094ca8a69c0e98f2ecf717$",
"^com.parallels.winapp.5f30debe0c2949158e0cff8dc0684bbb.b9dc48efd5094ca8a69c0e98f2ecf717$",
"^com.parallels.winapp.bf733d8a933c1601697f364223fc7ecb.b9dc48efd5094ca8a69c0e98f2ecf717$",
"^com.parallels.winapp.2d457b859f61df5cdc0ae605436482d3.b9dc48efd5094ca8a69c0e98f2ecf717.fs$",
"^com.parallels.winapp.f900d466e8ca2c668fa8844e6e5205f3.b9dc48efd5094ca8a69c0e98f2ecf717$"
```



```
2ecf717$",
"^com.parallels.winapp.ee162c85923f5664be0dcc14062cc904.b9dc48efd5094ca8a69c0e98f
2ecf717$",
"^com.parallels.winapp.5f30debe0c2949158e0cff8dc0684bbb.b9dc48efd5094ca8a69c0e98f
2ecf717$",
"^com.parallels.winapp.76868ae832f6c6bd26cad7d7c269986.b9dc48efd5094ca8a69c0e98f
2ecf717$",
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ecf717$",
"^com.parallels.winapp.cc097fe29f445d49eb74bd5993a02853.b9dc48efd5094ca8a69c0e98f
2ecf717$" ] } ] } ] }, { "description": "LeftCommand + Period_AppsSelect-next(Pararell)",
"manipulators": [ { "type": "basic", "from": { "modifiers": { "mandatory": [ "left_control" ] },
"key_code": "period" }, "to": [ { "repeat": true, "key_code": "tab", "modifiers": [ "right_alt" ],
"halt": true } ], "conditions": [ { "type": "frontmost_application_if", "bundle_identifiers": [
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ecf717$",
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2ecf717$",
"^com.parallels.winapp.bf448b76d11422f4a518bec20eb47937.b9dc48efd5094ca8a69c0e98f2
ecf717$",
"^com.parallels.winapp.cc097fe29f445d49eb74bd5993a02853.b9dc48efd5094ca8a69c0e98f
2ecf717$" ] } ] } ] }, { "description": "rightcommand + K_CopyCurrentRowCut(pararell)",
"manipulators": [ { "type": "basic", "from": <%= from("k", ["right_gui"], ["caps_lock"]) %>,
"to": <%= to(["5", ["right_option"]]) %>, "conditions": [ <%=
frontmost_application_if("pararell") %> ] } ] }, { "description": "RightCommand + O(オ
```



```

一)_SameWordExpandSelection(pararell)", "manipulators": [ { "type": "basic", "from": <%=
from("o", ["right_gui"], ["caps_lock"]) %>, "to": <%= to(["4", ["right_option"]]) %>,
"conditions": [ <%= frontmost_application_if("pararell") %> ] } ], { "description":
"LeftCommand + O(オー)_Column2SplitEditorScreen(pararell)", "manipulators": [ { "type":
"basic", "from": <%= from("o", ["left_control"], ["caps_lock"]) %>, "to": <%= to(["1",
["right_option"]]) %>, "conditions": [ <%= frontmost_application_if("pararell") %> ] } ], {
"description": "RightCommand + Semicolon_LatestTabToggle(pararell)", "manipulators": [ {
"type": "basic", "from": <%= from("semicolon", ["right_gui"], ["caps_lock"]) %>, "to": <%=
to(["6", ["right_option"]]) %>, "conditions": [ <%= frontmost_application_if("pararell") %> ] } ]
}, { "description": "RightCommand + L_NextTab(pararell)", "manipulators": [ { "type": "basic",
"from": <%= from("l", ["right_gui"], ["caps_lock"]) %>, "to": <%= to(["7", ["right_option"]])
%>, "conditions": [ <%= frontmost_application_if("pararell") %> ] } ], { "description":
"RightCommand + U_ColumnSelection(pararell)", "manipulators": [ { "type": "basic", "from":
<%= from("u", ["right_gui"], ["caps_lock"]) %>, "to": <%= to(["8", ["right_option"]]) %>,
"conditions": [ <%= frontmost_application_if("pararell") %> ] } ], { "description":
"LeftCommand + D_AllSelect(pararell)", "manipulators": [ { "type": "basic", "from": <%=
from("d", ["left_control"], ["caps_lock"]) %>, "to": <%= to(["9", ["right_option"]]) %>,
"conditions": [ <%= frontmost_application_if("pararell") %> ] } ], { "description":
"RightCommand + J_1RowSelect(pararell)", "manipulators": [ { "type": "basic", "from": <%=
from("j", ["right_gui"], ["caps_lock"]) %>, "to": <%= to(["1", ["left_option"]]) %>,
"conditions": [ <%= frontmost_application_if("pararell") %> ] } ], { "description":
"RightCommand + Z_0ゼロ", "manipulators": [ { "type": "basic", "from": <%= from("z",
["right_gui"], ["caps_lock"]) %>, "to": <%= to(["2", ["left_option"]]) %>, "conditions": [ <%=
frontmost_application_if("pararell") %> ] } ], { "description": "Rightoption +
Leftoption_anbasado(pararell)", "manipulators": [ { "type": "basic", "from": <%= from("left_alt",
["right_alt"], ["caps_lock"]) %>, "to": <%= to(["3", ["left_option"]]) %>, "conditions": [ <%=
frontmost_application_if("pararell") %> ] } ], { "description": "LeftCommand +
X_item2ActiveWindow(pararell)", "manipulators": [ { "type": "basic", "from": <%= from("x",
["left_control"], ["caps_lock"]) %>, "to": <%= to(["5", ["left_option"]]) %>, "conditions": [
<%= frontmost_application_if("pararell") %> ] } ], { "description":
"LeftContorl_CellEdit(pararell)", "manipulators": [ { "type": "basic", "from": <%= from("fn") %>,
"to": <%= to(["f2"]) %>, "conditions": [ <%= frontmost_application_if("pararell") %> ] } ], {
"description": "アクセスキーできない_fn_alt(pararell)", "manipulators": [ { "type": "basic", "from":
<%= from("right_control") %>, "to": <%= to(["left_option"]) %>, "conditions": [ <%=
frontmost_application_if("pararell") %> ] } ], { "description": "検討中_LeftAlt_Copy(Pararell)",
"_comment": "エクスプローラー_bf73", "manipulators": [ { "type": "basic", "from": { "key_code":
"left_alt" }, "to": [ { "key_code": "left_alt" } ], "to_if_alone": [ { "key_code": "japanese_eisuu" }, {
"key_code": "c", "modifiers": "right_gui" } ], "conditions": [ { "type": "frontmost_application_if",
"bundle_identifiers": [ "^org.virtualbox.app.VirtualBoxVM$",
"^com.parallels.winapp.b06b57f82d7f519cdfa3013b29968f3d.b9dc48efd5094ca8a69c0e98f2
ecf717$",
"^com.parallels.winapp.7d56d4002964a683f165ae699d4ad1ba.b9dc48efd5094ca8a69c0e98f
2ecf717$",
"^com.parallels.winapp.d51a768a01445deddc409dc4b3c07517.b9dc48efd5094ca8a69c0e98f
2ecf717$",
"^com.parallels.winapp.c1d81af5835844b4e9d936910ded8fdc.b9dc48efd5094ca8a69c0e98f

```

```

2ecf717$",
"^com.parallels.winapp.2d457b859f61df5cdc0ae605436482d3.b9dc48efd5094ca8a69c0e98f
2ecf717.fs$",
"^com.parallels.winapp.f900d466e8ca2c668fa8844e6e5205f3.b9dc48efd5094ca8a69c0e98f
2ecf717$",
"^com.parallels.winapp.ee162c85923f5664be0dcc14062cc904.b9dc48efd5094ca8a69c0e98f
2ecf717$",
"^com.parallels.winapp.bf733d8a933c1601697f364223fc7ecb.b9dc48efd5094ca8a69c0e98f2
ecf717$",
"^com.parallels.winapp.5f30debe0c2949158e0cff8dc0684bbb.b9dc48efd5094ca8a69c0e98f
2ecf717$",
"^com.parallels.winapp.76868ae832f6c6bd26cad7d7c269986.b9dc48efd5094ca8a69c0e98f
2ecf717$",
"^com.parallels.winapp.bf448b76d11422f4a518bec20eb47937.b9dc48efd5094ca8a69c0e98f2
ecf717$" ] } } ] } }, { "description": "使用していない_LeftOption +
J_ChromeActiveWindow(pararell)", "manipulators": [ { "type": "basic", "from": <%= from("j",
["left_alt"], ["caps_lock"]) %>, "to": <%= to(["4", ["left_option"]]) %>, "conditions": [ <%=
frontmost_application_if("pararell") %> ] } } ], { "description": "LeftCommand +
U_Undo(pararell)", "manipulators": [ { "type": "basic", "from": <%= from("u", ["left_gui"],
["caps_lock"]) %>, "to": <%= to(["6", ["left_option"]]) %>, "conditions": [ <%=
frontmost_application_if("pararell") %> ] } } ], { "description": "うまくいかない
F8_StepIn(pararell)", "manipulators": [ { "type": "basic", "from": <%= from("f8", ["caps_lock"])
%>, "to": <%= to(["9", ["right_option"]]) %>, "conditions": [ <%=
frontmost_application_if("pararell") %> ] } } ], { "description": "うまくいかない
fn_Rename(Pararell)", "manipulators": [ { "type": "basic", "from": <%= from("fn", ["caps_lock"])
%>, "to": <%= to(["f2"]) %>, "conditions": [ <%= frontmost_application_if("pararell") %> ] } }
], { "description": "AccessのVBEで反応しない_RightAlt + V_Paste(Access)VBE", "manipulators": [ {
"type": "basic", "from": <%= from("v", ["right_alt"], ["caps_lock"]) %>, "to": <%= to(["v",
"right_control"]) %>, "conditions": [ <%= frontmost_application_if("pararell") %> ] } } ] } }

```

WindowsのChromeでインストールする必要があるのにMacのChromeでインストールしてしまうのを防ぐ為に下記の2を使用していたが、インストールする頻度が少ない為、MacChromeで統一させる

```

{
  "description": "LeftOption + J_ChromeActiveWindow1(WindowControl)",
  "_comment": "WindowsのChromeでインストールする必要があるのにMacのChromeでインストールしてし
まうのを防ぐ為に下記の2を使用していたが、インストールする頻度が少ない為、MacChromeで統一させる",
  "type": "basic",
  "from": <%= from("j", ["left_alt"], ["caps_lock"]) %>,
  "to": <%= set_shell_command(["open -a 'Google Chrome.app'"]) %>
},

```

## コメント入力だと反応しない為、ここにメモ

```
{
  "description": "RightCommand + A_NewFileCreate(VirtualMachine)",
  "_comment": "Windowsのvscodeで新規ファイルを作成するショートカットキーの為にこの設定が必要",
  "type": "basic",
  "from": <%= from("a", ["right_gui"], ["caps_lock"]) %>,
  "to": <%= to(["n", ["right_option"]]) %>,
  "conditions": [ <%= frontmost_application_if("virtual_machine") %> ]
},
```

## コメント入力だと反応しない為、ここにメモ

```
{
  "description": "RightCommand + i_Neight bour(VirtualMachine)",
  "_comment": "WindowsSublimeの右のエディターにカーソル移動",
  "type": "basic",
  "from": <%= from("i", ["right_gui"], ["caps_lock"]) %>,
  "to": <%= to(["i", ["right_control"]]) %>,
  "conditions": [ <%= frontmost_application_if("virtual_machine") %> ]
},
```

## "LeftCommand + J\_DownArrow\_X1(Chrome)"が"LeftCommand + J\_DownArrow\_X3(Chrome)"に上書きされる仕様

```
{
  "description": "LeftCommand + J_DownArrow_X1(Chrome)",
  "manipulators": [
    {
      "type": "basic",
      "from": <%= from("j", ["left_control"]) %>,
      "to": <%= to(["down_arrow"]) %>,
      "conditions": [ <%= frontmost_application_if("chrome") %> ]
    }
  ]
},
{
  "description": "LeftCommand + J_DownArrow_X3(Chrome)",
  "manipulators": [
    {
```

```

        "type": "basic",
        "from": <%= from("j",["left_control"],["caps_lock"]) %>,
        "to": <%= to(["down_arrow"],["down_arrow"],["down_arrow"]) %>,
        "conditions": [ <%= frontmost_application_if("chrome") %> ]
    }
}
},

```

## CapsLockがオンになってしまう

```

{
  "description": "S_検索(Chrome)",
  "manipulators": [
    {
      "type": "basic",
      "from": <%= from("s", ["caps_lock"]) %>,
      "to": <%= to(["l", ["right_gui"],["caps_lock]]) %>,
      "conditions": [ <%= frontmost_application_if("chrome") %> ]
    }
  ]
},

```

## Pararell Rename一旦保留

```

{ "description": "LeftControl_Rename(VirtualMachine)", "type":
"basic", "from": {
"apple_vendor_top_case_key_code":"keyboard_fn" }, "to": [ {
"key_code": "return_or_enter" } ], "conditions": [ { "type":
"frontmost_application_if", "bundle_identifiers": [
"^com.vmware.fusion$", "^com.vmware.horizon$",
"^com.vmware.view$", "^com.parallels.desktop$",
"^com.parallels.vm$", "^com.parallels.desktop.console$",
"^org.virtualbox.app.VirtualBoxVM$", "^com.vmware.proxyApp.",
"^com.parallels.winapp." ] } ] }

```

spacebar + j でDownArrow3回

```
{
  "description": "使用できない-LeftCommand + J_DownArrow_X3(Chrome)",
  "manipulators": [
    {
      "type": "basic",
      "from": <%= from("j",["spacebar"],["caps_lock"]) %>,
      "to": <%= to(["down_arrow"],["down_arrow"],["down_arrow"]) %>,
      "conditions": [ <%= frontmost_application_if("chrome") %> ]
    }
  ]
},
```

## 使用しない\_LeftCommand + K\_UpArrow\_X3(Chrome)

```
{
  "description": "使用しない-LeftCommand + K_UpArrow_X3(Chrome)",
  "manipulators": [
    {
      "type": "basic",
      "from": <%= from("k",["left_control"],["caps_lock"]) %>,
      "to": <%= to(["up_arrow"],["up_arrow"],["up_arrow"]) %>,
      "conditions": [ <%= frontmost_application_if("chrome") %> ]
    }
  ]
},
```

## 使用しない-LeftCommand + h\_LeftArrow-X3(kindle)

```
{
  "description": "LeftCommand + h_LeftArrow-X3(kindle)",
  "manipulators": [
    {
      "type": "basic",
      "from": {
        "key_code": "h",
        "modifiers": {
          "mandatory": [
            "left_control"
          ],
          "optional": [
            "any"
          ]
        }
      }
    }
  ]
}
```

```

    }
  },
  "to": [
    {
      "key_code": "left_arrow"
    },
    {
      "key_code": "left_arrow"
    },
    {
      "key_code": "left_arrow"
    }
  ],
  "conditions": [
    {
      "type": "frontmost_application_if",
      "bundle_identifiers": [
        "^com.amazon.Kindle$"
      ]
    }
  ]
}
]
},
{
  "description": "LeftCommand + L_RigthArrow-X3(kindle)",
  "manipulators": [
    {
      "type": "basic",
      "from": {
        "key_code": "l",
        "modifiers": {
          "mandatory": [
            "left_control"
          ],
          "optional": [
            "any"
          ]
        }
      },
      "to": [
        {
          "key_code": "right_arrow"
        },
        {
          "key_code": "right_arrow"
        },
        {
          "key_code": "right_arrow"
        }
      ],
      "conditions": [
        {
          "type": "frontmost_application_if",

```

```

        "bundle_identifiers": [
            "^com.amazon.Kindle$"
        ]
    }
}
}
}
}

```

Kindleアクティブキー、Macで設定しWindowsからよびだせるようにする。

## 使用しない

```

{ "description": "使用しない(予測変換で2度押しが必要になるため)_Spacebar(mi)", "manipulators": [ {
"type": "basic", "from": { "key_code": "spacebar", "modifiers": { "optional": [ "caps_lock" ] } },
"to": [ { "key_code": "japanese_eisuu" }, { "key_code": "spacebar" } ], "conditions": [ { "type":
"frontmost_application_if", "bundle_identifiers": [ "^net.mimikaki.mi$" ] } ] }, { "description":
"使用しない_Dainari_OpenCloseInput(mi)", "manipulators": [ { "type": "basic", "from": <%=
from("comma", ["left_shift"], ["caps_lock"]) %>, "to": <%= to(["japanese_eisuu"], ["comma",
["left_shift"]], ["period", ["left_shift"]], ["left_arrow"]) %>, "conditions": [ <%=
frontmost_application_if("mi") %> ] } ] }, { "description": "RightCommand +
J_1RowSelection_LeftArrow(mi)", "manipulators": [ { "type": "basic", "from": <%= from("j",
["right_gui"]) %>, "to": <%= to(["a", ["left_control"]], ["down_arrow", "left_shift",
["left_arrow", "left_shift"]]) %>, "conditions": [ <%= frontmost_application_if("mi") %> ] } ] }

```

## 使用しない

```

{
    "description": "使用しない_LeftCommand + J_DownArrow-X3(Chrome)",
    "manipulators": [
        {
            "type": "basic",
            "from": {
                "key_code": "j",
                "modifiers": {
                    "mandatory": [
                        "left_control"
                    ],
                    "optional": [
                        "caps_lock"
                    ]
                }
            }
        ]
    ]
}

```



```
    ]
  }
},
"to": [
  {
    "key_code": "down_arrow"
  },
  {
    "key_code": "down_arrow"
  },
  {
    "key_code": "down_arrow"
  }
],
"conditions": [
  {
    "type": "frontmost_application_if",
    "bundle_identifiers": [
      "^com\\.google\\.Chrome$"
    ]
  }
]
}
},
{
  "description": "使用しない_LeftCommand + k_UpArrow-X3(Chrome)",
  "manipulators": [
    {
      "type": "basic",
      "from": {
        "key_code": "k",
        "modifiers": {
          "mandatory": [
            "left_control"
          ],
          "optional": [
            "any"
          ]
        }
      },
      "to": [
        {
          "key_code": "up_arrow"
        },
        {
          "key_code": "up_arrow"
        },
        {
          "key_code": "up_arrow"
        }
      ],
      "conditions": [
        {
```

```

        "type": "frontmost_application_if",
        "bundle_identifiers": [
            "^com\\.google\\.Chrome$"
        ]
    }
}
],
{
    "description": "使用しない_LeftCommand + h_LeftArrow-X3(Chrome)",
    "manipulators": [
        {
            "type": "basic",
            "from": {
                "key_code": "h",
                "modifiers": {
                    "mandatory": [
                        "left_control"
                    ],
                    "optional": [
                        "any"
                    ]
                }
            },
            "to": [
                {
                    "key_code": "left_arrow"
                },
                {
                    "key_code": "left_arrow"
                },
                {
                    "key_code": "left_arrow"
                }
            ],
            "conditions": [
                {
                    "type": "frontmost_application_if",
                    "bundle_identifiers": [
                        "^com\\.google\\.Chrome$"
                    ]
                }
            ]
        }
    ]
},

```

```

{ "description": "使用しない_LeftCommand + L_RigthArrow-X3(Chrome)", "manipulators": [ {
    "type": "basic", "from": { "key_code": "l", "modifiers": { "mandatory": [ "left_control" ],
    "optional": [ "any" ] } }, "to": [ { "key_code": "right_arrow" }, { "key_code": "right_arrow" }, {
    "key_code": "right_arrow" } ], "conditions": [ { "type": "frontmost_application_if",

```

```

"bundle_identifiers": [ [ "^com\\.google\\.Chrome$" ] ] ] }, { "description": "使用しない_英語モード:j_DownArrow(Chrome)", "_comment": "Chrome上で、検索窓に日本語入力ができなくなる欠点有り",
"manipulators": [ { "type": "basic", "from": { "key_code": "j", "modifiers": { "optional": [ "caps_lock" ] } }, "to": [ { "key_code": "down_arrow" } ], "conditions": [ { "type": "input_source_if", "input_sources": [ { "language": "en" } ] }, { "type": "frontmost_application_if", "bundle_identifiers": [ [ "^com\\.google\\.Chrome$" ] ] ] } ], {
"description": "使用しない_英語モード:k_UpArrow(Chrome)", "_comment": "Chrome上で、検索窓に日本語入力ができなくなる欠点有り", "manipulators": [ { "type": "basic", "from": { "key_code": "k", "modifiers": { "optional": [ "caps_lock" ] } }, "to": [ { "key_code": "up_arrow" } ], "conditions": [ { "type": "input_source_if", "input_sources": [ { "language": "en" } ] }, { "type": "frontmost_application_if", "bundle_identifiers": [ [ "^com\\.google\\.Chrome$" ] ] ] } ], {
"description": "使用しない_英語モード:h_LeftArrow(Chrome)", "_comment": "Chrome上で、検索窓に日本語入力ができなくなる欠点有り", "manipulators": [ { "type": "basic", "from": { "key_code": "h", "modifiers": { "optional": [ "caps_lock" ] } }, "to": [ { "key_code": "left_arrow" } ], "conditions": [ { "type": "input_source_if", "input_sources": [ { "language": "en" } ] }, { "type": "frontmost_application_if", "bundle_identifiers": [ [ "^com\\.google\\.Chrome$" ] ] ] } ], {
"description": "使用しない_英語モード:l_LeftArrow(Chrome)", "_comment": "Chrome上で、検索窓に日本語入力ができなくなる欠点有り", "manipulators": [ { "type": "basic", "from": { "key_code": "l", "modifiers": { "optional": [ "caps_lock" ] } }, "to": [ { "key_code": "right_arrow" } ], "conditions": [ { "type": "input_source_if", "input_sources": [ { "language": "en" } ] }, { "type": "frontmost_application_if", "bundle_identifiers": [ [ "^com\\.google\\.Chrome$" ] ] ] } ] } ] }

```

## 今は使わない

```

{
  "description": "今は使わない_Double F1_tmp.py(Single)_tmp.md[Double](FunctionKey)",
  "_comment": "ダブル押しコードでの、「frontmost_application_unless(pararell)」の書き方が分からないので、Single押しでの処理を使うことにする。",
  "manipulators": [
    {
      "type": "basic",
      "from": {
        "key_code": "f1",
        "modifiers": {
          "optional": [
            "any"
          ]
        }
      },
      "to": [
        {
          "shell_command": "open
'/Users/user/Desktop/iCollections/Folder2/Verification/tmp.md'"
        }
      ],
      "conditions": [

```

```
        {
          "type": "variable_if",
          "name": "f1 pressed",
          "value": 1
        }
      ]
    },
    {
      "type": "basic",
      "from": {
        "key_code": "f1",
        "modifiers": {
          "optional": [
            "any"
          ]
        }
      },
      "to": [
        {
          "set_variable": {
            "name": "f1 pressed",
            "value": 1
          }
        },
        {
          "shell_command": "open
'/Users/user/Desktop/iCollections/Folder2/Verification/tmp.py'"
        }
      ],
      "to_delayed_action": {
        "to_if_invoked": [
          {
            "set_variable": {
              "name": "f1 pressed",
              "value": 0
            }
          }
        ],
        "to_if_canceled": [
          {
            "set_variable": {
              "name": "f1 pressed",
              "value": 0
            }
          }
        ]
      }
    }
  ]
},
```

## 今は使わない

```
{ "description": "F3_KeyManageList.xlsxOpen(FunctionKey)", "manipulators": [ { "type": "basic",  
"from": <%= from("f3") %>, "to": <%= set_shell_command(["open  
'/Users/user/Dropbox/KeyCustomization/KeyManageList.xlsm']) %> } ] },
```

## うまくいかない

```
{  
  "description": "うまくいかない、 Double F1_tmp.py(Single)_tmp.md[Double]  
(FunctionKey)",  
  "manipulators": [  
    {  
      "type": "basic",  
      "from": {  
        "key_code": "f1",  
        "modifiers": {  
          "optional": [  
            "any"  
          ]  
        }  
      },  
      "to": [  
        {  
          "shell_command": "open  
'/Users/user/Desktop/iCollections/Folder2/Verification/tmp.md'"  
        }  
      ],  
      "conditions": [  
        {  
          "type": "variable_if",  
          "name": "f1 pressed",  
          "value": 1  
        },  
        {  
          "type": "frontmost_application_unless",  
          "bundle_identifiers": [  
            "^com.vmware.fusion$",  
            "^com.vmware.horizon$",  
            "^com.vmware.view$",  
            "^com.parallels.desktop$",  
            "^com.parallels.vm$",  
            "^com.parallels.desktop.console$",  
            "^org.virtualbox.app.VirtualBoxVM$",  
            "^com.vmware.proxyApp.",  
            "^com.parallels.winapp."  
          ]  
        }  
      ]  
    }  
  ]  
}
```

```
    },
    {
      "type": "basic",
      "from": {
        "key_code": "f1",
        "modifiers": {
          "optional": [
            "any"
          ]
        }
      },
    },
    "to": [
      {
        "set_variable": {
          "name": "f1 pressed",
          "value": 1
        }
      },
      {
        "shell_command": "open
'/Users/user/Desktop/iCollections/Folder2/Verification/tmp.py'"
      }
    ],
    "to_delayed_action": {
      "to_if_invoked": [
        {
          "set_variable": {
            "name": "f1 pressed",
            "value": 0
          }
        }
      ],
      "to_if_canceled": [
        {
          "set_variable": {
            "name": "f1 pressed",
            "value": 0
          }
        }
      ]
    }
  }
}
```

## 使用しない

{ "description": "使用しないEnter\_OpenFile(pathfinder)", "\_comment": "ファイル名変更でエンターで確定できない為", "manipulators": [ { "type": "basic", "from": <%= from("return\_or\_enter") %>,

```
"to": <%= to(["o", ["right_gui"]]) %>, "conditions": [ <%=  
frontmost_application_if("pathfinder") %> ] } ] }, { "description": "使用しない  
_delete_FileDelete(pathfinder)", "manipulators": [ { "type": "basic", "from": <%=  
from("delete_or_backspace") %>, "to": <%= to(["delete_or_backspace", ["right_gui"]]) %>,  
"conditions": [ <%= frontmost_application_if("pathfinder") %> ] } ] }
```

## 使用しない

```
{ "description": "使用しない_LeftAlt + F11_VBAeditor(Excel)",  
"manipulators": [ { "type": "basic", "from": <%= from("f11",  
["left_alt"]) %>, "to": <%= to(["f11", ["left_alt"]]) %>, "conditions":  
[ <%= frontmost_application_if("excel") %> ] } ] }, { "description": "使  
用しない_Marukako_OpenCloseInput(Excel)", "manipulators": [ {  
"type": "basic", "from": <%= from("9", ["left_shift"]) %>, "to": <%=  
to(["9", ["left_shift"]], ["0", ["left_shift"]]) %>, "conditions": [ <%=  
frontmost_application_if("excel") %> ] } ] }, { "description": "使用しな  
い_Namikako_OpenCloseInput(Excel)", "manipulators": [ { "type":  
"basic", "from": <%= from("open_bracket", ["left_shift"]) %>, "to":  
<%= to(["open_bracket", ["left_shift"]], ["close_bracket",  
["left_shift"]]) %>, "conditions": [ <%=  
frontmost_application_if("excel") %> ] } ] }, { "description": "使用しな  
い_Kakukako_OpenCloseInput(Excel)", "manipulators": [ { "type":  
"basic", "from": <%= from("open_bracket") %>, "to": <%=  
to(["open_bracket"], ["close_bracket"]) %>, "conditions": [ <%=  
frontmost_application_if("excel") %> ] } ] }, { "description": "使用しな  
い_Dainari_OpenCloseInput(Excel)", "manipulators": [ { "type":  
"basic", "from": <%= from("comma", ["left_shift"]) %>, "to": <%=  
to(["comma", ["left_shift"]], ["period", ["left_shift"]]) %>,  
"conditions": [ <%= frontmost_application_if("excel") %> ] } ] }, {  
"description": "使用しない_DoubleQuote_OpenCloseInput(Excel)",  
"manipulators": [ { "type": "basic", "from": <%= from("quote",  
["left_shift"]) %>, "to": <%= to(["quote", ["left_shift"]], ["quote",  
["left_shift"]]) %>, "conditions": [ <%=  
frontmost_application_if("excel") %> ] } ] }, { "description": "使用しな  
い_SingleQuote_OpenCloseInput(Excel)", "manipulators": [ { "type":  
"basic", "from": <%= from("quote") %>, "to": <%= to(["quote"],
```



```
[ "quote" ] ] ) %>, "conditions": [ <%=
frontmost_application_if("excel") %> ] ] }, { "description": "使用しない
LeftAlt_Copy(Excel)", "manipulators": [ { "type": "basic", "from": {
"key_code": "left_alt", "modifiers": { "optional": [ "caps_lock" ] } },
"to": [ { "key_code": "left_alt" } ], "to_if_alone": [ { "key_code":
"left_alt", "modifiers": "left_gui" } ], "conditions": [ { "type":
"frontmost_application_if", "bundle_identifiers": [
"^com\\.microsoft\\.Excel$" ] } ] } ] }, { "description": "使用しない
_RightCommand + J_Select1Row(Excel)VBEでのみ使用可能",
"manipulators": [ { "type": "basic", "from": <%= from("j",
["right_gui"]) %>, "to": <%= to(["left_arrow", ["fn"]],
["down_arrow", "left_shift"]) %>, "conditions": [ <%=
frontmost_application_if("excel") %> ] ] } ] }
```

## 使用しない

```
{
  "description": "適用しない_Delete_NoteDelete(Evernote)",
  "manipulators": [
    {
      "type": "basic",
      "from": <%= from("delete_or_backspace") %>,
      "to": <%= to(["delete_or_backspace", ["right_gui"]]) %>,
      "conditions": [ <%= frontmost_application_if("evernote") %> ]
    }
  ]
}
```

## 「frontmost\_chrome.json.erb\_L」 キー、RightArrow設定、

```
{
  "description": "L_RightArrow(Chrome)",
  "manipulators": [
    {
      "type": "basic",
      "from": <%= from("l", ["caps_lock"]) %>,
      "to": <%= to(["right_arrow"]) %>,
      "conditions": [ <%= frontmost_application_if("chrome") %> ]
    }
  ]
}
```

```
]
},
```

## mandatoryを無しで「key\_code」単独で、「caps\_lock」を設定したい場合

下記のような書き方はできない。 "from": <%= from("a", ["left\_control"]) %> ,

下記のような書き方が必要。 "manipulators": [ { "type": "basic", "from": { "key\_code": "fn",  
"modifiers": { "optional": [ "caps\_lock" ] } },

## CapsLocker、起動時にChrome上でCapsLockオン時に「j」キーを押すごとに、CapsLockerのアイコンが表示されることの対策検討

結果:うまくいかなかった。 Capslockオン時に、「j」キーで、CapsLockerのアイコンが表示されてしまう。

```
{
  "description": "J_DownArrow_改良1_1(Chrome)",
  "manipulators": [
    {
      "type": "basic",
      "from": {
        "key_code": "j"
      },
      "to": [
        {
          "key_code": "down_arrow"
        }
      ],
      "conditions": [
        {
          "type": "frontmost_application_if",
          "bundle_identifiers": [
            "^com\\.google\\.Chrome$"
          ]
        }
      ]
    }
  ],
},
{
  "description": "J_DownArrow改良1_2(Chrome)",
  "manipulators": [
    {
      "type": "basic",
      "from": {
        "key_code": "j",
```

```

        "modifiers": {
          "mandatory": [
            "caps_lock"
          ]
        },
        "to": [
          {
            "key_code": "j"
          }
        ],
        "conditions": [
          {
            "type": "frontmost_application_if",
            "bundle_identifiers": [
              "^com\\.\\.google\\.\\.Chrome$"
            ]
          }
        ]
      }
    ]
  },
},

```

## replacekey.json.erb

```

{
  "description": "RightCommand + Z,X,C,V,S,D,F,W,E,R_Number0~9_簡易版(Replacekey)",
  "manipulators":
  <%= each_key(
    source_keys_list: ["z", "x", "c", "v", "s", "d", "f", "w", "e", "r"],
    from_mandatory_modifiers: ["right_gui"],
    from_optional_modifiers: ["caps_lock"],
    dest_keys_list: [
      ["japanese_eisuu", "0"], ["japanese_eisuu", "1"],
      ["japanese_eisuu", "2"], ["japanese_eisuu", "3"], ["japanese_eisuu", "4"],
      ["japanese_eisuu", "5"], ["japanese_eisuu", "6"], ["japanese_eisuu", "7"],
      ["japanese_eisuu", "8"], ["japanese_eisuu", "9"]
    ],
    as_json: true,
  ) %>
  },
  {
    "description": "RightCommand + Z,X,C,V,S,D,F,W,E,R_Number0~9_詳細版(Replacekey)",
    "manipulators": [
      {
        "type": "basic",
        "from": {
          "key_code": "z",
          "modifiers": {
            "mandatory": [
              "right_gui"
            ]
          }
        },

```

```
    "optional": [
      "caps_lock"
    ]
  },
  "to": [
    {
      "key_code": "japanese_eisuu"
    },
    {
      "key_code": "0"
    }
  ],
  "conditions": [
    {
      "type": "frontmost_application_unless",
      "bundle_identifiers": [
        "^com.parallels.desktop.console$",
        "^com.parallels.winapp.b06b57f82d7f519cdfa3013b29968f3d.b9dc48efd5094ca8a69c0e98f2ecf717",
        "^com.parallels.winapp.7d56d4002964a683f165ae699d4ad1ba.b9dc48efd5094ca8a69c0e98f2ecf717",
        "^com.parallels.winapp.d51a768a01445deddc409dc4b3c07517.b9dc48efd5094ca8a69c0e98f2ecf717",
        "^com.parallels.winapp.c1d81af5835844b4e9d936910ded8fdc.b9dc48efd5094ca8a69c0e98f2ecf717",
        "^com.parallels.winapp.2d457b859f61df5cdc0ae605436482d3.b9dc48efd5094ca8a69c0e98f2ecf717",
        "^com.parallels.winapp.bf733d8a933c1601697f364223fc7ecb.b9dc48efd5094ca8a69c0e98f2ecf717",
        "^com.parallels.winapp.f900d466e8ca2c668fa8844e6e5205f3.b9dc48efd5094ca8a69c0e98f2ecf717",
        "^com.parallels.winapp.ee162c85923f5664be0dcc14062cc904.b9dc48efd5094ca8a69c0e98f2ecf717",
        "^com.parallels.winapp.5f30debe0c2949158e0cff8dc0684bbb.b9dc48efd5094ca8a69c0e98f2ecf717"
      ]
    }
  ],
  {
    "type": "basic",
    "from": {
      "key_code": "x",
      "modifiers": {
```

```
        "mandatory": [  
            "right_gui"  
        ],  
        "optional": [  
            "caps_lock"  
        ]  
    }  
},  
"to": [  
    {  
        "key_code": "japanese_eisuu"  
    },  
    {  
        "key_code": "1"  
    }  
]  
},  
{  
    "type": "basic",  
    "from": {  
        "key_code": "c",  
        "modifiers": {  
            "mandatory": [  
                "right_gui"  
            ],  
            "optional": [  
                "caps_lock"  
            ]  
        }  
    },  
    "to": [  
        {  
            "key_code": "japanese_eisuu"  
        },  
        {  
            "key_code": "2"  
        }  
    ]  
},  
{  
    "type": "basic",  
    "from": {  
        "key_code": "v",  
        "modifiers": {  
            "mandatory": [  
                "right_gui"  
            ],  
            "optional": [  
                "caps_lock"  
            ]  
        }  
    },  
    "to": [  
        {
```

```
        "key_code": "japanese_eisuu"
      },
      {
        "key_code": "3"
      }
    ]
  },
  {
    "type": "basic",
    "from": {
      "key_code": "s",
      "modifiers": {
        "mandatory": [
          "right_gui"
        ],
        "optional": [
          "caps_lock"
        ]
      }
    },
    "to": [
      {
        "key_code": "japanese_eisuu"
      },
      {
        "key_code": "4"
      }
    ]
  },
  {
    "type": "basic",
    "from": {
      "key_code": "d",
      "modifiers": {
        "mandatory": [
          "right_gui"
        ],
        "optional": [
          "caps_lock"
        ]
      }
    },
    "to": [
      {
        "key_code": "japanese_eisuu"
      },
      {
        "key_code": "5"
      }
    ]
  },
  {
    "type": "basic",
    "from": {
```

```

    "key_code": "f",
    "modifiers": {
      "mandatory": [
        "right_gui"
      ],
      "optional": [
        "caps_lock"
      ]
    }
  },
  "to": [
    {
      "key_code": "japanese_eisuu"
    },
    {
      "key_code": "6"
    }
  ]
},
{
  "type": "basic",
  "from": {
    "key_code": "w",
    "modifiers": {
      "mandatory": [
        "right_gui"
      ],
      "optional": [
        "caps_lock"
      ]
    }
  },
  "to": [
    {
      "key_code": "japanese_eisuu"
    },
    {
      "key_code": "7"
    }
  ]
},
{
  "type": "basic",
  "from": {
    "key_code": "e",
    "modifiers": {
      "mandatory": [
        "right_gui"
      ],
      "optional": [
        "caps_lock"
      ]
    }
  },

```



```

    "to": [
      {
        "key_code": "japanese_eisuu"
      },
      {
        "key_code": "8"
      }
    ]
  },
  {
    "type": "basic",
    "from": {
      "key_code": "r",
      "modifiers": {
        "mandatory": [
          "right_gui"
        ],
        "optional": [
          "caps_lock"
        ]
      }
    },
    "to": [
      {
        "key_code": "japanese_eisuu"
      },
      {
        "key_code": "9"
      }
    ]
  }
],
},
],
},
},

```

## replacekey.json.erb

```

{
  "description": "LeftCommand + H/J/K/L_Arrows(Replacekey)",
  "manipulators":
  <%= each_key(
    source_keys_list: ["h", "j", "k", "l"],
    from_mandatory_modifiers: ["left_control"],
    from_optional_modifiers: ["any"],
    dest_keys_list: ["left_arrow", "down_arrow", "up_arrow", "right_arrow"],
    as_json: true,
  ) %>
  },

```

## ConstScrollDown,ConstScrollUp(保留)

```
{ "description": "RightAlt + J_ConstScrollDown", "type": "basic", "from": <%= from("j", ["right_alt"], ["caps_lock"]) %>, "to": <%= to(["e", ["left_control"]]) %>, "conditions": [ <%= frontmost_application_unless("virtual_machine") %> ] }, { "description": "RightAlt + K_ConstScrollUp", "type": "basic", "from": <%= from("k", ["right_alt"], ["caps_lock"]) %>, "to": <%= to(["y", ["left_control"]]) %>, "conditions": [ <%= frontmost_application_unless("virtual_machine") %> ] },
```

## karavinerの特定アプリ内のショートカットキーを設定する時に、そのアプリの初期設定ショートカットキーを使う

そのアプリの初期設定のショートカットキーで、karaviner設定した方がそのアプリが初期状態になっても、そのままkaraviner設定が反映されるので便利

## Windowsの新たなツールで日本語アルファベット切り替え、2重貼り付けを防ぐ方法

1. 新たなツールのウィンドウIDを、karaviner-EventViewrのFromntmost Application内のBundle Identifierを確認
2. 確認したidに ^ + id + \$に加工
3. 3-1:日本語切り替えできるようにする方法: frontmost\_pararelldesk.json内のコマンドキーを単体で押したときに、英数・かなキーを送信する。内にあるbundle\_identifiersに加工した分を追加  
  
3-2:2重貼り付けを防ぐ方法:RightOption\_Paste(Replacekey)内にあるbundle\_identifiersに加工分を追加