```
10 #
11 # ----------------------------------------------------------------
12
13 import sys
14 print("Python version is ", sys.version)
15
16 from fv import *
17
18
19 print ("---- Python Sample PY119 ----")
20
21
22 ## define data input table
23 data_input_table = [
24       'data_format' :  "unstructured",
25       'input_parameters' :   [
26             'name' :   './rect_duct_001.uns',
27             'options' :   [
28                 'input_mode' :   "replace",
29                 #'transient' :   "on"
30                 'transient' :   "off"
31                 ],
32             ]
33       ]
34
35
36 ## call function to read dataset
37 read_dataset(data_input_table)
38
39 ## define boundary tableA
40 boundary_tableA = [
41       'dataset' : 1,
42       'geometric_color' : 4,
43       'visibility' : "on",
44       #'scalar_func' : "temperature",
45       'display_type' : "smooth_shading",
46 ]
47
48
49 ## create boundary surface as handle name 'boundA'
50 boundA=create_boundary(boundary_tableA)
51
52
```

データセット情報の用意

データセットの読み込み

boundary surface情報の用意

boundary surface の作成

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FIELDVIEW

```
48 ↓
49 ## create boundary surface as handle name 'boundA'↓
50 boundA=create_boundary(boundary_tableA)↓
51 ↓
52 ↓
53 ## detect all boundary types↓
54 Btype=get_all_boundary_types(1, boundA)↓
55 ↓
56 ↓
57 ## list up all boundary types↓
58 print(" ----- key list -----")↓
59 for key in Btype.keys():↓
60     print (key)↓
61 print("")↓
62 ↓
63 print(" ----- value list -----")↓
64 for value in Btype.values():↓
65     print (value)↓
66 print("")↓
67 ↓
68 ↓
69 print(" ----- item list -----")↓
70 for key, value in Btype.items():↓
71     print (key,  ":",  value)↓
72 print("")↓
73 ↓
74 ↓
75 ## insert 'types' key into 'boundary_tableA'↓
76 boundary_tableA ['types'] = Btype↓
77 ↓
78 ↓
79 ## modify 'boundA' handle↓
80 modify(boundA, boundary_tableA)↓
81 ↓
```

既存 boundary surface から
boundary type 情報を
query 取得

得た boundary type 情報の
確認表示→次ページ

boundary surface情報に
boundary types キーの追加

既存 boundary surface の修正更新

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