

FAQ PY123 : Particle Paths データを読み込む

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19 ↓
20 print ("---- Python Sample PY123 ----")↓
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 ## call function to read dataset↓
36 read_dataset(data_input_table)↓
37 ↓
38 ↓
39 ## define particle paths data↓
40 particle_paths_data = {↓
41   'dataset': 1, ↓
42   'filename': './sample_particlepaths.fvp', ↓
43   'scalar_func': 'temperature', ↓
44 }↓
45 ↓
46 ↓
47 ## create/read particle paths↓
48 p_handle=read_particle_paths(particle_paths_data)↓
49 ↓
50 ↓

```

The diagram illustrates the execution flow of the Python script. It uses colored boxes to highlight specific sections of the code and arrows to point from these sections to blue callout boxes describing the purpose of each step:

- Blue Box (Top Left):** Contains lines 21-33. An arrow points from this box to a callout box labeled "dataset 用の ディクショナリ作成" (Dictionary creation for dataset).
- Orange Box (Middle Left):** Contains lines 34-37. An arrow points from this box to a callout box labeled "dataset の読み込み" (Reading dataset).
- Yellow Box (Bottom Left):** Contains lines 38-45. An arrow points from this box to a callout box labeled "particle paths 用 ディクショナリの作成" (Dictionary creation for particle paths).
- Orange Box (Bottom Middle):** Contains lines 46-49. An arrow points from this box to a callout box labeled "particle paths パネル作成" (Panel creation for particle paths).