Benchmark Standards

Benchmark OBS Storage Structure

```
luojianet-benchmark
 Scene_Classification
                                            // Five main task types
    ├─ VGG-16
                                            // Model name
        — WHU−RS19
                                            // Dataset name
              Ascend
                                            // Device Type
                 — 1chip
                                            // Chip number
                    — code
                                            // Model code
                                            // Training enter file
                                                                        (Necessary)
                          — train.py
                        — eval.py
                                            // Evaluation enter file
                                                                        (Necessary)
                        — pred.py
                                            // Predicting enter file
                                                                        (Necessary)

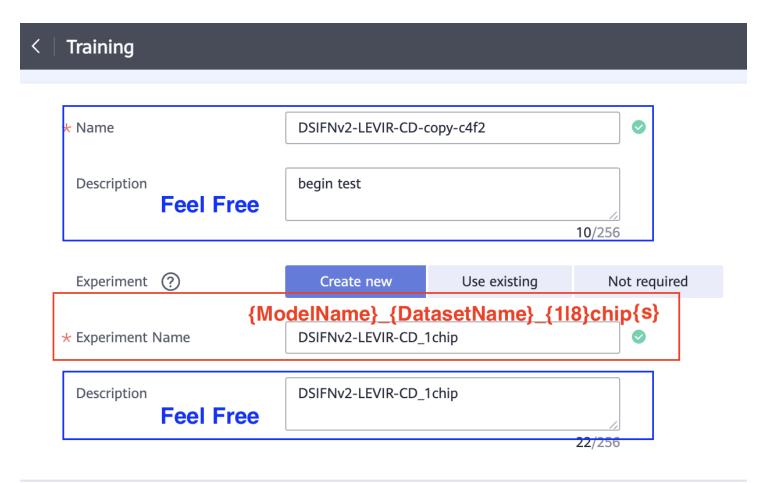
    ds_split.txt

                                            // Dataset split txt
                                                                        (Necessary)
                        — split.py
                                            // Dataset split script
                                                                        (Necessary)
                        ├─ read_split.py
                                            // Read split dataset file (Necessary)
                        - README.md
                                            // Readme
                                                                        (Not necessary, just Recommend)
                                            // Other model files
                      – ckpt
                                            // CKPT save path
                        -seed_1
                                            // Repeat
                        -seed_2
                                            // Training log save path
                      - log
                        -seed_1
                                            // Repeat
                         —seed 2
                      – other
                                            // Other results save path (e.g. record txt)
                        -seed 1
                                            // Repeat
                        -seed 2
                        └ ∗
                  – 8chips
              - GPU
                                            // Device Type
                                            // Chip number
                — 1chip
                └─ 8chips
      - Resnet
 — Object_Detection
 Semantic_Segmentaion
— Change_Detection

    3D Reconstucion

                                // Temp files
└─ temp
```

Modelarts Experiments Naming Conventions



- 1. Training job has **NO** naming convention! Feel free!
- 2. Experiment must name as format "{ModelName}{DatasetName}{1|8}chip{s}" //keep only 2 '_'