

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
│                       └─ train.py   // Training enter file      (Necessary)
│                       └─ 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
│                                   └─ *
│                                       └─ log // Training log save path
│                                           └─ seed_1 // Repeat
│                                           └─ seed_2
│                                               └─ *
│                                                   └─ other // Other results save path (e.g. record txt)
│                                                       └─ seed_1 // Repeat
│                                                       └─ seed_2
│                                                           └─ *
│                                                               └─ 8chips
│                                                                   └─ GPU // Device Type
│                                                                       └─ 1chip // Chip number
│                                                                       └─ 8chips
│                                                                           └─ *
│                                                                               └─ Resnet
│                                                                                   └─ *
│                                                                                       └─ *
├─ Object_Detection
├─ Semantic_Segmentaion
├─ Change_Detection
├─ 3D_Reconstucion
└─ temp                                // Temp files
```

Modelarts Experiments Naming Conventions

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Training

* Name

DSIFNv2-LEVIR-CD-copy-c4f2

✓

Description

begin test

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Experiment ?

Create new

Use existing

Not required

* Experiment Name

{ModelName}_{DatasetName}_{118}chip{s}

DSIFNv2-LEVIR-CD_1chip

✓

Description

DSIFNv2-LEVIR-CD_1chip

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