

**DataConfig()**

*config.py*

Contains general configuration  
information common to all datasets used

**EpisodeDescriptionConfig()**

*config.py*

Contains configuration info on how to create  
information (max\_ways, num\_support etc..)

**DatasetSpecification()**

*dataset\_spec.py*

**For each dataset** : result of reading the dataset\_spec.json  
Contains all important info about a dataset (name,  
classes\_per\_split, images\_per\_class etc..)

**EpisodeDescriptionSampler()**

*sampling.py*

Samples episode descriptions (1 episode is  
a tuple of tuples ((class\_0, # support, #  
query), (class\_1, #support, #query), ... )

**Reader()**

*reader.py*

Actually reads the \*.tfrecords datasets and  
constructs a list of TFRecordDataset (1 per  
class) **for each source dataset**.

**torchvision.transforms()**

*transforms.py*

Handles the transforms to perform on  
images

**EpisodicDataset()**

*pipeline.py*

An Iterable Dataset that yields an infinite stream  
of random episodes from a single dataset

**ZipDataset()**

*pipeline.py*

An Iterable Dataset that yields an infinite stream  
of random episodes from all datasets (random  
sampling of the dataset source)