DataSources

Data Sources are helpers to define paddle training data or testing data.

`paddle.trainer_config_helpers.data_sources.`**`define_py_data_sources2`**(*train_list*, *test_list*, *module*, *obj*, *args=None*)

> Define python Train/Test data sources in one method. If train/test use the same Data Provider configuration, module/obj/args contain one argument, otherwise contain a list or tuple of arguments. For example:

```
define_py_data_sources2(train_list="train.list",
                        test_list="test.list",
                        module="data_provider"
                        # if train/test use different configurations,
                        # obj=["process_train", "process_test"]
                        obj="process",
                        args={"dictionary": dict_name})
```

> The related data provider can refer to here.

> | Parameters: | • **train_list** (*basestring*) — Train list name. |
> | --- | --- |
> | | • **test_list** (*basestring*) — Test list name. |
> | | • **module** (*basestring or tuple or list*) — python module name. If train and test is different, then pass a tuple or list to this argument. |
> | | • **obj** (*basestring or tuple or list*) — python object name. May be a function name if using PyDataProviderWrapper. If train and test is different, then pass a tuple or list to this argument. |
> | | • **args** (*string or picklable object or list or tuple.*) — The best practice is using dict() to pass arguments into DataProvider, and use `@init_hook_wrapper` to receive arguments. If train and test is different, then pass a tuple or list to this argument. |
> | **Returns:** | None |
> | **Return type:** | None |