

Semi-singletons

- ❖ Singletons, but for a particular set of inputs
- ❖ Useful for parsing into streams, distributed connections
- ❖ Uses about the same meta-class trick, but looks at input

```
class SemiSingletonMetaClass(type):  
    _instances = {}  
  
    def __call__(cls, name, *args, **kwargs):  
        if not (cls, name) in cls._instances:  
            cls._instances[(cls, name)] = super(  
                SingletonMetaClass, cls).__call__(*args, **kwargs)  
        return cls._instances[(cls, name)]
```

Look Here

Questions?