```
CPU
                                                                   Data Channels
_scheduler:
   Scheduler is WorkloadSource
                                                                     mapped on bus pathes, i.e.
                                                                     sequences of BusMasters
                 _ getNextTransaction()
                 _ workloadList:
                                                                       - one for reading
                    WorkloadSource list
                                                                       - one for writing
                                                                    _getFirstMaster(trans.)
                           belongs to
- endSchedule
                                                                    _getNextMaster(trans.)
__timeSlice
                        TMLTask is WorkloadSource
                          _currCommand:
∟ schedule()
                           TMLCommand <
                                                                  BusMasters
∟ getNextTransaction()
                             __task:
                                                                     accessGranted()
                              TMLTask
                                                                                        calls
                                                                     bus (list of)
                             currTransaction:
                                                                     Bus
                              TMLTransaction
                                                                                        calls
                                                                      _schedule()
                                        runnable time
                                 rtime:
                                                                      _calcstartTimeLength()
                                        start time
                                 start:
                                 vlen:
                                        virtual length
                                                                      _calcLength()
                                 len:
                                        length
                                                                  - calcStartTimeLength updates
                                 cmd:
                                        command
                                                                   transaction's start and vlen
                                 chan:
                                        channel

    calcLength updates

                                 pnties: penalties
                                                                   transaction's len
                          _progress
```