Graphical user interface, application, table, Excel

Description automatically generated

* All the export command which are to be used from combination0 to combination20 are mentioned in the .xlxs file can be downloaded from the path : [\\gar\ec\proj\deg\GFXSV\PVC\Execution\sbikkumx\compute\_BKM](file:///\\gar\ec\proj\deg\GFXSV\PVC\Execution\sbikkumx\compute_BKM)
* After running the export commands.
* Select the base test to be run ex:dldt ,clpeak,phronix,opencv,GEMM workloads.
* Example for combination
* **Key used:**
* **Combination 16:**
* export EnableBlitterOperationsSupport=1 PrintDebugSettings=1 DisableCachingForStatefulBufferAccess=1 OverrideStatelessMocsIndex=5 EnableStatelessToStatefulBufferOffsetOpt=0 NodeOrdinal=6 ForceExecutionTile=1 EnableWalkerPartition=0 ForceLargeGrfCompilationMode=1 OverrideL3MocsToL1=1 EnableStatelessCompression=0 Force32bitAddressing=0 DisableStatelessToStatefulOptimization=0 ForceMultiGpuPartialWrites=0 ForceMultiGpuAtomics=0 FlushAllCaches=1 ForceAuxTranslationMode=0 Enable64kbpages=0 EnableLocalMemory=0 CFESingleSliceDispatchCCSMode=0 ForceL3PrefetchForComputeWalker=0 ForceBcsCacheFlushOnPVCFamily=1 OverridePreferredSlmAllocationSizePerDss=1 DisableAuxTranslation=0 UseBindlessBuffers=0 UseBindlessImages=1 MakeAllBuffersResident=0 PowerSavingMode=0 MultiTileIsaPlacement=1
* **EXECUTING SAMPLE DLDT CASE USING COMBINATION 16 :**
* **Exports commands for running dldt case**

export LD\_LIBRARY\_PATH=/home/gfxsv/tap\_3.6\_Linux/apps/dldt/dldt/tbb/lib:/home/gfxsv/tap\_3.6\_Linux/apps/dldt/dldt/lib:/home/gfxsv/tap\_3.6\_Linux/apps/dldt/dldt/opencv/lib

get the tap workloads from the location : [\\bassvlab03\Training\PVC\akhilesh\TAP](file:///\\bassvlab03\Training\PVC\akhilesh\TAP)

unzip the folder and move to dldt folder

all the dldt related tests are in the folder **dldt\_models.**

Text

Description automatically generated

**Run command for dldt :**

/benchmark\_app -d GPU -m ../dldt\_models/<testname.xml> ../dldt\_images/1/ -api async -nstreams 1 -b <value> 10000 (test name in highlighted in yellow color  
and value of b in blue color)  
Testname can be obtained from ~/tap\_3.5\_Linux/apps/dldt/dldt\_models/ -> <testname>.xmlFor Eg: $ ./benchmark\_app -d GPU -m ../dldt\_models/mobilenetssd\_FP16.xml ../dldt\_images/1/ -api async -nstreams 1 -b 16 10000

now the test starts running, which can be seen by below snap.

**Text

Description automatically generated**

if any hang is observed the test will be failed.

|  |
| --- |
| sv.gfxcard0.tiles.gfx.gtgp.showsearch("ring\_buffer\_head\_vcs") |
| sv.gfxcard0.tiles.gfx.gtgp.showsearch("ring\_buffer\_tail\_vcs") |

Can be used to check head and tail .