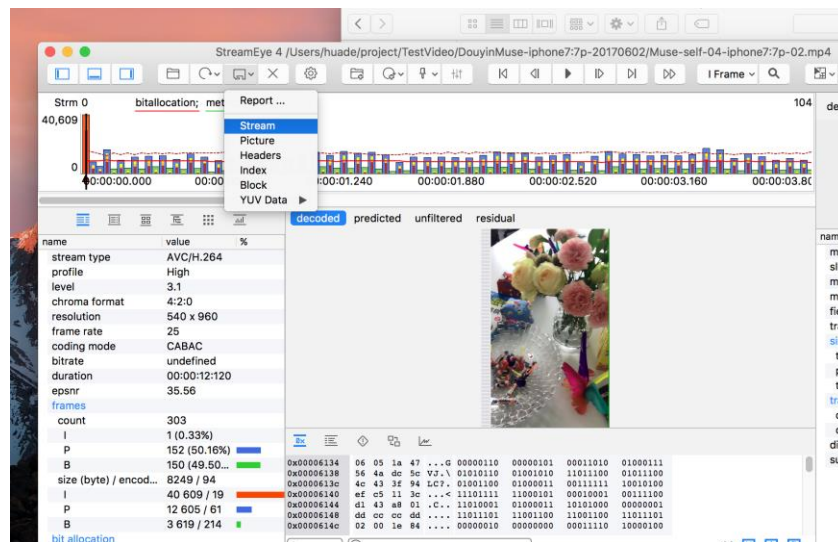# StreamEye script

1 Usage:

Step 1, generate mp4 files index and stream .csv file

Example:

ABC.mp4

ABC.mp4_stream.csv

ABC.mp4_index.csv

Step 2. run scripts for generating static info report files

```
echo "*********************************************"
echo " $0  \$MP4FilesDir \$Option           "
echo "    example:                          "
echo "    $0  ./AllMP4 .   All              "
echo "      single report for all mp4files  "
echo "    $0  ./AllMP4 MuseDouyin           "
echo "      report for Muse and douyin      "
echo "*********************************************"
```

Example:

1. parse for all mp4 files—single report for all

./run_Main.sh $TestMP4Dir All

2. parse for all douyin mp4 files—single report for douyin

. /run_Main.sh ./DouyinMP4   All

3. parse for all muse mp4 files—single report for muse

. /run_Main.sh ./MuseMp4 All

4. parse for all douyin and muse mp4 files—comparison report

. /run_Main.sh ./DouyinMuseMp4 MuseDouyin

5.Default —comparison report for Muse and Douyin

. /run_Main.sh ./DouyinMuseMp4

The output csv files:

StaticInfoDetail.csv

StaticInfoForAllFrames.csv

StaticInfoForAllSequences.csv

--All

    EncoderParametersAverage.csv

--Default(MuseDouyin)

    Douyin: EncoderParametersAverage_Douyin.csv

    Muse: EncoderParametersAverage_Muse.csv

    All: EncoderParametersAverage_DouyinMuse.csv

2. Usage for script run_ParseStreamEyeCSVFiles.sh

run scripts for generating static info report files

```
runUsage()

    {

        echo "*********************************************************"

        echo "*********************************************************"

        echo "  Usage:                              "

        echo "    $0  \${MP4FilesDir} \${Option}              "

        echo "      \${Option}:  all parse all mp4 files         "

        echo "      \${Option}:  pattern=\${Option}             "

        echo "        example:                       "

        echo "          douyin parse all douyin's *douyin*.mp4 files "

        echo "          muse   parse all muse's   *muse*.mp4 files   "

        echo "          'douyin  muse'                  "

        echo "             parse all douyin's/muse's  mp4 files   "

        echo ""

        echo "      \${Option}:  one \$mp4 parse given mp4 file     "

        echo "*********************************************************"

        echo "*********************************************************"

    }
```

Example:

1. parse for all mp4 files

    ./run_ParseStreamEyeCSVFiles.sh $TestMP4Dir

2. parse for all douyin mp4 files

    . /run_ParseStreamEyeCSVFiles.sh $TestMP4Dir "douyin"

3. parse for all muse mp4 files

    . /run_ParseStreamEyeCSVFiles.sh $TestMP4Dir "muse"

4. parse for all mp4 files which name with pattern abc

    . /run_ParseStreamEyeCSVFiles.sh $TestMP4Dir "abc"

5. parse for all mp4 files which name with pattern abc or def

. /run_ParseStreamEyeCSVFiles.sh $TestMP4Dir "abc def"

6. parse for ABC.mp4 file . only

. /run_ParseStreamEyeCSVFiles.sh $TestMP4Dir one ABC.mp4

The output csv files:

StaticInfoDetail.csv

StaticInfoForAllFrames.csv

StaticInfoForAllSequences.csv

```
 run_ParseStreamEyeIndexCSV.sh
 StaticInfoDetail.csv
 StaticInfoForAllFrames.csv
 StaticInfoForAllSequences.csv
```

3. Example data

- Test mp4 files

Please refer to repos:

https://github.com/shihuade/TestVideo/tree/master/muse-douyin-ios

- Test output files

Please refer to repos:

https://github.com/shihuade/MultiMedia-Scripts/tree/master/StreamEye