**ReadmeRecapVid**

**CreateRecapVid.m**

Create a RecapVid.csv with all video detailed using the arborescence to identify each Video and ffmpeg to get video Metadata such as time and duration

And also RecapVidDuration.csv summing durations to have a duration for each Video Type

For all FAROFA 1, 2 and 3 and all of them together

Output :

RecapVid\_FAROFA\_1.csv

RecapVid\_FAROFA\_2.csv

RecapVid\_FAROFA\_3.csv

RecapVid\_all\_FAROFA.csv

RecapVidDuration\_FAROFA\_1.csv

RecapVidDuration\_FAROFA\_2.csv

RecapVidDuration\_FAROFA\_3.csv

RecapVidDuration\_all\_FAROFA.csv

Example :

RecapVidDuration\_all\_FAROFA.csv

|  |  |  |  |
| --- | --- | --- | --- |
| Cruise | VideoType | TotalNumber | TotalDuration |
| FAROFA\_1 | VerticalProfiles | 15 | 02:24:02 |
| FAROFA\_2 | SurfaceTransducer | 1 | 00:09:06 |
| FAROFA\_2 | TowedVideos | 17 | 08:36:37 |
| FAROFA\_2 | VerticalProfiles | 30 | 05:24:09 |
| FAROFA\_3 | StereoVideo | 12 | 02:50:11 |
| FAROFA\_3 | TowedVideo | 34 | 19:23:43 |

Example :

RecapVid\_all\_FAROFA.csv

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Cruise | VideoType | Date | VideoNumber | VideoName | Processed | ffmpegDate | ffmpegTime | ffmpegDuration\_seconds | ffmpegDuration\_hhmmss | | FAROFA\_1 | VerticalProfiles | 15/09/2017 | VP\_01 | GOPR0383.MP4 | no | 15/09/2017 | 12:26.0 | 410.08 | 00:06:50 | | FAROFA\_1 | VerticalProfiles | 15/09/2017 | VP\_02 | GOPR0384.MP4 | no | 15/09/2017 | 07:39.0 | 418.62 | 00:06:58 | | FAROFA\_1 | VerticalProfiles | 15/09/2017 | VP\_03 | GOPR0385.MP4 | no | 15/09/2017 | 29:19.0 | 381.12 | 00:06:21 | | FAROFA\_1 | VerticalProfiles | 15/09/2017 | VP\_04 | GOPR0386.MP4 | no | 15/09/2017 | 51:31.0 | 491.59 | 00:08:11 | | FAROFA\_1 | VerticalProfiles | 16/09/2017 | VP\_05 | GOPR0456.MP4 | no | 16/09/2017 | 02:54.0 | 463.83 | 00:07:43 | | FAROFA\_1 | VerticalProfiles | 16/09/2017 | VP\_06 | GOPR0457.MP4 | no | 16/09/2017 | 15:50.0 | 319.69 | 00:05:19 | | FAROFA\_1 | VerticalProfiles | 16/09/2017 | VP\_07 | GOPR0458.MP4 | no | 16/09/2017 | 10:14.0 | 1046.05 | 00:17:26 | | FAROFA\_1 | VerticalProfiles | 16/09/2017 | VP\_07 | GP010458.MP4 | no | 16/09/2017 | 27:41.0 | 4.24 | 00:00:04 | | FAROFA\_1 | VerticalProfiles | 18/09/2017 | VP\_08 | GOPR0459.MP4 | no | 18/09/2017 | 25:35.0 | 599.04 | 00:09:59 | | FAROFA\_1 | VerticalProfiles | 18/09/2017 | VP\_09 | GOPR0460.MP4 | no | 18/09/2017 | 20:58.0 | 529.26 | 00:08:49 | | FAROFA\_1 | VerticalProfiles | 20/09/2017 | VP\_10 | GOPR0461.MP4 | no | 19/09/2017 | 44:05.0 | 1046.05 | 00:17:26 | | FAROFA\_1 | VerticalProfiles | 20/09/2017 | VP\_10 | GP010461.MP4 | no | 19/09/2017 | 01:31.0 | 69.2 | 00:01:09 | | FAROFA\_1 | VerticalProfiles | 21/09/2017 | VP\_11 | GOPR0462.MP4 | no | 21/09/2017 | 42:16.0 | 844.48 | 00:14:04 | | FAROFA\_1 | VerticalProfiles | 21/09/2017 | VP\_12 | GOPR0464.MP4 | no | 21/09/2017 | 59:59.0 | 602.03 | 00:10:02 | | FAROFA\_1 | VerticalProfiles | 21/09/2017 | VP\_13 | GOPR0466.MP4 | no | 21/09/2017 | 15:59.0 | 576.38 | 00:09:36 | | FAROFA\_1 | VerticalProfiles | 21/09/2017 | VP\_14 | GOPR0467.MP4 | no | 21/09/2017 | 34:52.0 | 411.41 | 00:06:51 | | FAROFA\_1 | VerticalProfiles | 21/09/2017 | VP\_15 | GOPR0468.MP4 | no | 21/09/2017 | 47:58.0 | 429.63 | 00:07:09 | | ... |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |