

Handling Skier Naming in MetaData Files

Overview

Videos are uploaded to the local directory:

C:\myProject\tomcat\webapps\ski\GoProUser0

This folder is exposed publicly via the internet at:

<https://myskitool.com/GoProUser0>

Each video consists of:

- A .LRV file (low-resolution video)
- An associated .TXT file that contains the video's metadata in a key-value format

Example Metadata Format

Each .TXT file includes structured entries like: (No linefeeds between parameters, all a long String)

```
Camera:[MST00002]
Date/Time:[1746711506]
Filename:[MST002!!H10101GOPROGL011530.MP4]
FileSize:[137610609]
CameraCode:[MST002!!H10]
Lake:[Shortline]
LoadTime:[1746736762912]
CameraSet:[N-Wide,S-BOOST]
GoProName:[AdamThorne]
GoProSpeed:[36mph]
GoProRope:[LL]
EwscdName:[]
EwscdSpeed:[]
EwscdRope:[]
GoProRequestMP4:[]
GoProSanction:[]
GoProFileTypeTarget:[.LRV]
GoProFileAge:[1hrs]
GoProFileSize:[>8Meg]
GoProCommand:[]
EwscdEvent:[]
```

Key Metadata Fields

- GoProName – Name of the skier associated with the video.
Example: GoProName:[AdamThorne]
- CameraCode – Identifies the specific camera used.
Example: CameraCode:[MST002!!H10]
- Lake – Indicates the location where the video was recorded.
Example: Lake:[Shortline]
- Date/Time – Timestamp of the recording in Unix epoch seconds.
Example: Date/Time:[1746711506]
Note: This value is stored as UTC but represents local time at the capture location.

Import Process Requirements

Before the videos are imported and mapped into a DatedCameraFolder and SkierFolderName structure, it is essential to verify and correct the skier name:

- GoProName must be accurate before import. (And manually changed if needed)
- Fields like Lake, Date/Time, and CameraCode are typically auto-generated and do not require correction.
- In tournament scenarios, the name may come from the EwscdName field. If valid, it should be copied into the GoProName field before import.

Proposed Feature: Skier Name Review Mode

To give camera owners and users better control over the accuracy of the skier name:

- A mode in the UserApp will list recent videos posted to the GoProUser0 folder.
- This list will be filtered by CameraCode and Lake to allow focused review.
- The user can preview each video and verify the GoProName value.
- If the name is incorrect, the user must be able to update the GoProName value, which should:
 - Modify the associated .TXT file in place.
 - Ensure that the corrected name is preserved for accurate import processing.

Additional Notes

- TXT metadata files must follow the format: Key:[Value] as a long String of parameters.
- Only the GoProName field is user-editable during this review process.
- Ensure consistent formatting and character usage for names (e.g., no special characters allowed in the name, name is a FirstNameLastName combination with no spaces).