Annotation of TRECVID 2007 Keyframes

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This year, we organized 16 persons in our group to annotate 36 concepts of the 21532 TRECVID 2007 keyframes extracted from this year's search/feature development data by George Quenot et al, and each concept was annotated by only one person.
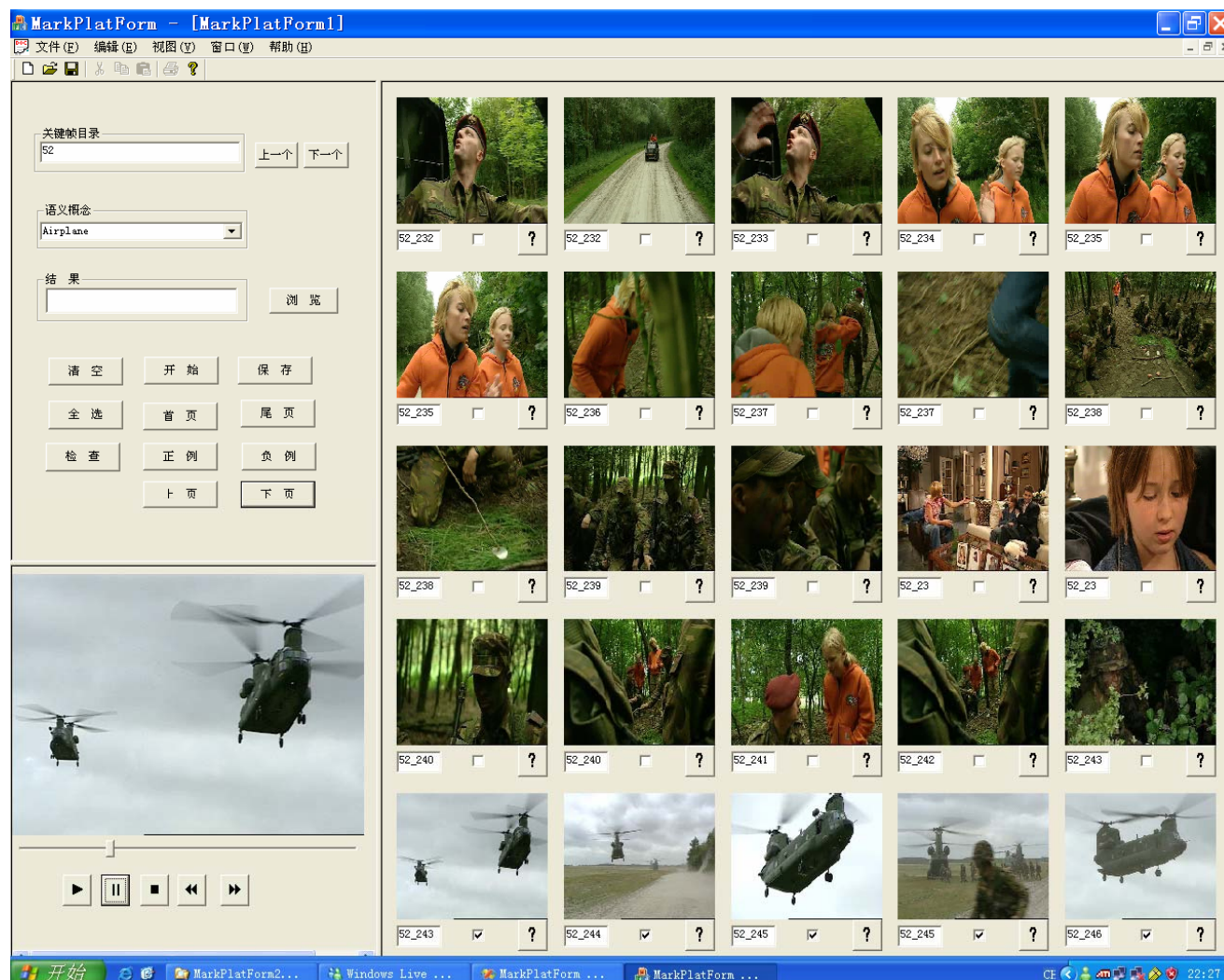

Fig.1 The interface of our annotation

Five concepts (Sports, Walking_Running, People-Marching, Explosion_Fire, Natural-Disaster) were required to browse corresponding shot during annotation in the playing-back subwindow (left-bottom) as shown in Fig 1. For other concepts, the person should browse the corresponding shot if he was not clear about judgment when browsing the keyframe. As shown in Fig.1, if the annotation person was not sure about whether the current frame is the Positive (P, ☑) or Negative (N, default) sample of the current concept, he should click the "?" button and our system recorded this at the end of each line

with a sign "S". Although he was not too sure, he was inclined to annotate it with "P" or "N". It is up to the user how to use this kind of annotation. We checked and corrected obvious annotation errors with the same interface after collecting the individual annotation results.

Each line of the ann files represents a judgment, and contains the following information:

Annotation_Person Organizer Concept Videoname Keyframename Judgment(Positive/Negative) Sign(S)

Where "Annotation_Person" is abbreviated by the first letters of his/her surname and firstname.

Modifications to initial version of our annotation result:

Two persons forgot to save annotation results for several videos (3 concepts) in our previous version, the concepts and videos missing annotation are (Thanks to George Quenot for pointing this):

Sky:

TRECVID2007_27

TRECVID2007_13

Crowd:

TRECVID2007_90

TRECVID2007_84

TRECVID2007_52

TRECVID2007_51

TRECVID2007_48

Boat_ship:

TRECVID2007_36

Additionally, we corrected several annotations of the concepts Boat_ship:

shot54_162_RKF N->P

shot57_185_RKF N->P

shot58_69_RKF N->P

shot54_165_RKF (S): means added "S" (NOT Sure) at the end of the line

shot57_17_RKF N (S)

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