**Automatic Construction of an Action Video Shot Database using Web Videos**

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**Overview of Proposed Method**

1. **Tag-based Video Selection**
   - **Web API**
   - **Tag lists of 1000 videos**
   - **Tag Relevance Score Table**
   - **Querying**
   - **Counting tag frequencies & co-frequencies**

2. **Feature-based Shot Selection**
   - **Video Segmentation**
   - **Video Feature Extraction**
   - **Similarity Matrix Calculation**
   - **VisualRank Calculation**

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**Experiments & Results**

1. **Six-action experiments under various conditions**
   - **Table 1**: The conditions of the experiments and the results (Mean Precision@100 of 6 actions)

2. **Large-scale 100-action experiments**
   - **Table 2**: Prec@100 of Top 60 in 100 human actions Results (%)