Automatic Sampling and Analysis of YouTube Data

Tools for the Automatic Sampling of YouTube Data

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Tools for the Automatic Sampling of YouTube Data

- Webometric Analyst
- YouTube Data Tools
- tuber

We wrote a short tutorial on how to use the tools. **NB**: The `tuber` script mentioned in that tutorial is a bit outdated. We will explore how to work with `tuber` in more detail in this workshop.

Overview

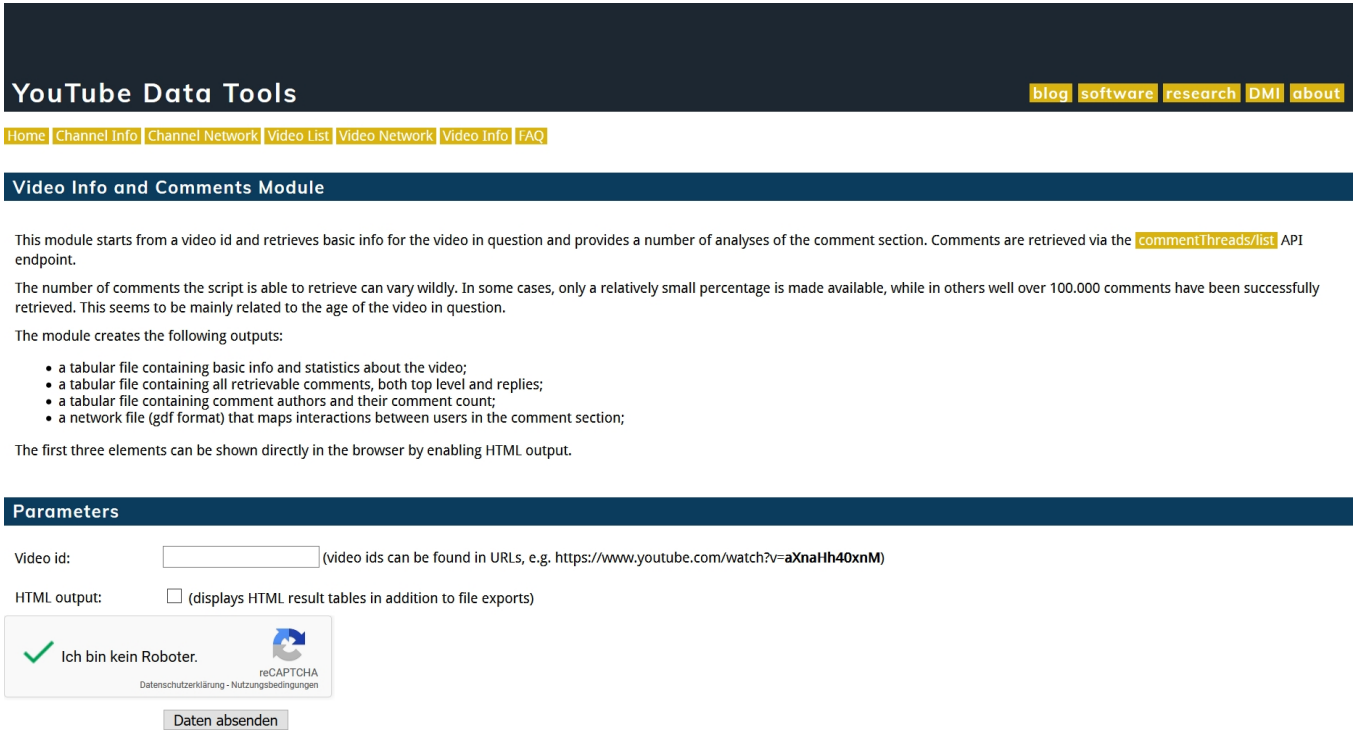
Method	Manual Coding	Webometric Analyst	YouTube Data Tools	tuber
Type	n/a	Program	Web service	Package for R
Platforms	All	Win	All	Win, Mac, Linux, Unix
Collected Features	Depends on coding scheme	Channel Info, Video Info, Comments, Video Search	Channel Info, Video Info, Comments, Video List	Channel Info, Video Info, Comments, Subtitles, All searches
Scoping	Depends on coding scheme	100 most recent or all comments	All comments	20-100 most recent or all comments

Pros and Cons

Method	Manual Coding	Webometric Analyst	YouTube Data Tools	tuber
Need API Key?	No	Yes	No	Yes
Disadvantages	Time-consuming	Only first 5 follow-up comments, no error feedback, undetectable time-outs	Lacking flexibility, fewer infos	Only first 5 follow-up comments due to bug
Ease of Use	High	Low	High	Low
License	n/a	Free for n/c	Open Source	Open Source
Example: Dayum Video (22-02-2019, 2pm)	47,163	44,828	47,153	44,810

Dayum Video / tuber bug

YouTube Data Tools



How to Retrieve Comments with YouTube Data Tools

- Identify relevant videos
- Launch Video Info and Comments Module
- Insert relevant Video ID (one at a time, e.g. XWxRrCXjmF0)
- Save "..._comments.tab" and rename it to "...comments.txt"
- Open it with Notepad, copy&paste to Excel and save as .XLS
- **NB**: Saving as .CSV destroys emojis

Any questions?