

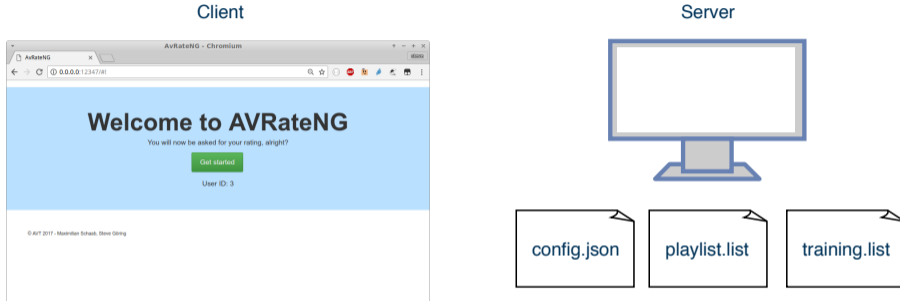
AvrateNG

demo and short overview

Steve Göring Alexander Raake

04.03.2019

- ▶ software to collect ratings for subjective tests
 - e.g. ACR ratings
 - open source: <https://bit.ly/2QICGft>
- ▶ written in python, client server architecture
 - ensures flexibility
 - rating variants implemented using HTML templates
- ▶ suitable for image, video and general multimedia tests
 - external player can be configured; command line player
 - e.g. ffplay, mpv, vlc, ...
- ▶ possible to use it for general surveys



AvrateNG overview

- configuration via: `config.json`, `playlist.list`, `training.list`

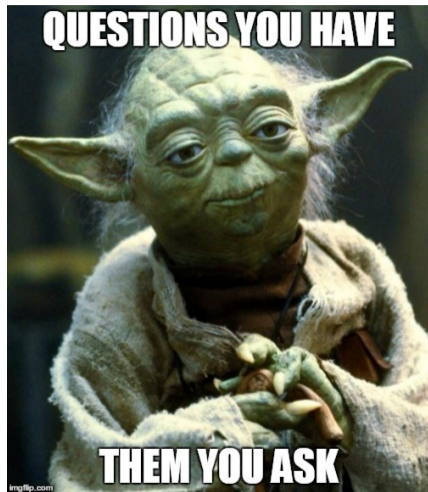
Configuration – config.json

```
{  
  "player": "... \"{filename}\",  
  "player_linux": "mpv --fs '{filename}'",  
  "http_user_name": "max",  
  "http_user_password": "123",  
  "http_port" : "12347",  
  "rating_template" : "radio1.tpl",  
  "playlist" : "playlist.list",  
  "template_folder" : "templates",  
  "training" : true,  
  "trainingsplaylist" : "training.list",  
  "shuffle": true,  
  "gray_video": "videos/gray.mkv",  
  "no_video_playback": false,  
  "question": "What is your opinion of the video quality?", ...  
}
```

```
./videos/02.mkv  
./videos/01.mkv | ./videos/01.mkv
```

- ▶ simple list of video filenames
- ▶ separated handling of training and rating part
- ▶ trainingsplaylist: always same stimuli ordering
- ▶ play one video as stimuli or multiple videos as “one” stimuli

- ▶ start avrateNG.py (or via win_start_avrateng.bat)
- ▶ open browser <http://localhost:12347/>
- ▶ enter name + password
- ▶ start rating



Thank you for your attention