AvrateNG
demo and short overview

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AvrateNG

- software to collect ratings for subjective tests
  - e.g. ACR ratings

- 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
Architecture

AvrateNG overview

▶ configuration via: config.json, playlist.list, training.list
Configuration – config.json

```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?"
}
```
Configuration – playlists

- 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
Demo

- start avrateNG.py (or via win_start_avrateng.bat)

- open browser http://localhost:12347/

- enter name + password

- start rating
Thank you for your attention