Deliverable D1.4

Data Management Plan

Grant agreement nr	688382
Project full title	Audio Commons: An Ecosystem for Creative Reuse of Audio Content
Project acronym	AudioCommons
Project duration	36 Months (February 2016 - January 2019)
Work package	WP1
Due date	31 January 2019 (M36)
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Report availability	Public (X), Confidential ( )
Task leader	Surrey
Authors	Mark Plumbley
Document status	Draft ( ), Final (X)

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 688382

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Executive Summary

This Data Management Plan (DMP) provides an analysis of the main elements of the data management policy used by the project with regard to all the datasets that have been generated by the project. The DMP has evolved during the lifespan of the project. This is the final version of the DMP produced during the project.

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Background

The purpose of this Data Management Plan (DMP) is to provide an analysis of the main elements of the data management policy used by the project with regard to all the datasets that have been generated by the project.

The DMP was not a fixed document, but evolved during the lifespan of the project. This is the final version, representing the position after project completion.

The DMP will address the points below on a dataset by dataset basis and should reflect the final status of reflection within the consortium about the data that has been produced.

The approach to the DMP follows that outlined in the "Guidelines on Data Management in Horizon 2020" (Version 2.1, 15 February 2016).

Dataset reference and name: Identifier for the data set to be produced.

Dataset description: Description of the data that will be generated or collected, its origin (in case it is collected), nature and scale and to whom it could be useful, and whether it underpins a scientific publication. Information on the existence (or not) of similar data and the possibilities for integration and reuse.

Standards and metadata: Reference to existing suitable standards of the discipline. If these do not exist, an outline on how and what metadata will be created.

Data sharing: Description of how data will be shared, including access procedures, embargo periods (if any), outlines of technical mechanisms for dissemination and necessary software and other tools for enabling re-use, and definition of whether access will be widely open or restricted to specific groups. Identification of the repository where data will be stored, if already existing and identified, indicating in particular the type of repository (institutional, standard repository for the discipline, etc.). In case the dataset cannot be shared, the reasons for this should be mentioned (e.g. ethical, rules of personal data, intellectual property, commercial, privacy-related, security-related).

Archiving and preservation (including storage and backup): Description of the procedures that will be put in place for long-term preservation of the data. Indication of how long the data should be preserved, what is its approximate final volume, what the associated costs are and how these are planned to be covered.

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1 Admin Details

Project Title: Audio Commons: An Ecosystem for Creative Reuse of Audio Content

Project Number: 688382

Funder: European Commission (Horizon 2020)

Lead Institution: Universitat Pompeu Fabra (UPF)

Project Coordinator: Prof Xavier Serra

Project Data Contact: Sonia Espi, sonia.espi@upf.edu

Project Description: The democratisation of multimedia content creation has changed the way in which multimedia content is created, shared and (re)used all over the world, yielding significant amounts of user-generated multimedia resources, big part shared under open licenses. At the same time, creative industries need to reduce production costs in order to remain competitive. There is, therefore, an opportunity for creative industries to incorporate such content in their productions, but there is a lack of technologies for easily accessing and incorporating that type content in their creative workflows. In the particular case of sound and music, a huge amount of audio material like sound samples, soundscapes and music pieces, is available and released under Creative Commons licenses, both coming from amateur and professional content creators. We refer to this content as the 'Audio Commons'. However, there exist no practical ways in which Audio Commons can be embedded in the production workflows of the creative industries, and licensing issues are not easily handled across the production chain. As a result, most of this content remains unused in professional environments. The aim of this project is to create an ecosystem of content, technologies and tools to bring the Audio Commons to the creative industries, enabling creation, access, retrieval and reuse of Creative Commons audio content in innovative ways that fit the requirements of the use cases considered (e.g., audiovisual, music and video games production).Furthermore, we tackle rights management challenges derived from the content reuse enabled by the created ecosystem and research about emerging business models that can arise from it. Our project will benefit creative industries by providing new and innovative creativity supporting tools and reducing production costs, and will benefit content creators by offering a channel to expose their works to professional environments and to allow them to (re)licence their content.

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2 Dataset Information

DS 2.1.1: Requirements survey

Dataset reference and name

DS 2.1.1: Requirements survey

Dataset description

Results from survey of creative industry content users in Task 2.1: "Analysis of the requirements from creative industries". This data supports Deliverable D2.1: "Requirements report and use cases", and has over 660 responses.

WP: WP2 / Task: Task 2.1
Responsible: QMUL (& MTG-UPF)

Standards and metadata

Text document (CSV file)

Data sharing

Anonymized form available at the link[1]. Corresponding DOI: **10.5281/zenodo.832644**

Archiving and preservation (including storage and backup)

Available on Zenodo.
Final size (Bytes): 653 kB

[1] https://zenodo.org/record/832644

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DS 2.2.1: Audio Commons Ontology

Dataset reference and name

DS 2.2.1: Audio Commons Ontology

Dataset description

Definition of Audio Commons Ontology, the formal ontology for the Audio Commons Ecosystem. Data form of D2.2: Draft ontology specification and D2.3: Final ontology specification.
WP: WP2 / Task: Task 2.2
Responsible: QMUL

Standards and metadata

OWL Web Ontology Language

Data sharing

Available at https://w3id.org/ac-ontology/aco as OWL in multiple serialization formats and HTML documentation (via HTTP content negotiation).

Archiving and preservation (including storage and backup)

Maintained on GitHub in repository AudioCommons/ac-ontology
Snapshot of current version (v1.2.3) uploaded to Zenodo and available at 10.5281/zenodo.2553184
Size (Bytes): 65.1K

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 688382

DS 2.6.1: Audio Commons Mediator data

Dataset reference and name

DS 2.6.1: Audio Commons Mediator data

Dataset description

Freesound and Jamendo content exposed in the Audio Commons Ecosystem. Not strictly a “dataset”, rather a service providing access to data.
WP: WP2 / Task: Task 2.6
Responsible: MTG-UPF (v1) & QMUL (v2)

Standards and metadata

Audio Commons Ontology

Data sharing

Available via ACE Mediator versions 1 and 2.
http://m.audiocommons.org/
http://m2.audiocommons.org/

Archiving and preservation (including storage and backup)

Dynamic service availability, no plans to provide a “snapshot”.
Estimated final size (Bytes): N/A

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DS 3.3.1: Business model workshop notes and interviews

Dataset reference and name

DS 3.3.1: Business model workshop notes and interviews

Dataset description

Notes/transcripts from workshop in Task 3.3 "Exploration of Business Models in the ACE". This data will support Deliverables D3.4 and D3.5.
WP: WP3 / Task: Task 3.3
Responsible: Surrey-CoDE

Standards and metadata

Text documents

Data sharing

Data collected and stored according to ethics policy and approval. Can be made available upon request and following a confidentiality agreement. To request access, contact Dr Carla Bonina (c.bonina@surrey.ac.uk).

Archiving and preservation (including storage and backup)

Workshop recordings and notes stored in a secured project drive.
Estimated final size (Bytes): 100K

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 688382

DS 4.2.1: Semantic annotations of musical samples

Dataset reference and name
DS 4.2.1: Semantic annotations of musical samples

Dataset description

Ground truth annotations of datasets used to evaluate the algorithms included in the AC tool for the annotation of music samples. Supporting data for deliverables D4.4, D4.10, D4.12.
WP: WP4 / Task: Tasks 4.2 and 4.4.
Responsible: MTG-UPF

Standards and metadata

Ground truth annotations are stored using standard CSV format.

Data sharing

Ground truth annotations public in Zenodo: https://zenodo.org/record/2546754#.XEcmny2ZOL4. The audio they refer to is not always openly available due to licensing constraints, but instructions are provided about how to obtain the audio. Ground truth annotations contain references to the original audio files.

Archiving and preservation (including storage and backup)

Archived and stored in Zenodo research data repository.
Size (Bytes): 2M

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DS 4.3.1: Semantic annotations of musical pieces

Dataset reference and name
DS 4.3.1: Semantic annotations of musical pieces

Dataset description
Results of music piece descriptions such as bpm, tonality or chords. The specific audio properties included in the semantic annotation are chords, tempo, beats, global-key, keys, tuning, instruments. Supporting data for deliverables D4.3, D4.8, D4.13.
WP: WP4 / Task: Task 4.3
Responsible: QMUL

Standards and metadata

Annotations are stored using the standard JSON format, and with a converter to a Semantic Web format (JSON-LD), and following the Audio Commons Ontology definition.

Data sharing

Public: Access via Audio Commons API

Archiving and preservation (including storage and backup)

Data stored in ACE Server. Annotation size estimate: 66kBytes per file x 100k files = 6.6 GBytes
Amount of data will be growing along with the usage of the web service.

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DS 4.3.2: MediaEval AcousticBrainz Genre

Dataset reference and name
DS 4.3.2: MediaEval AcousticBrainz Genre

Dataset description
MediaEval AcousticBrainz Genre dataset contains genre and subgenre annotations of music recordings extracted from four different online metadata sources, including editorial metadata databases maintained by music experts and enthusiasts (AllMusic and Discogs) as well as collaborative music tagging platforms (Lastfm and Tagtraum). In addition, it includes music features precomputed from audio for every annotated music recording. All music features are taken from the community-built database AcousticBrainz and were extracted from audio using Essentia, an open-source library for music audio analysis.

For the purposes of AcousticBrainz Genre Task held within MediaEval Benchmarking Initiative for Multimedia Evaluation in 2017 and 2018, the dataset is split into development and validation and testing set in a 70%-15%-15% proportion. The development set contains annotations from AllMusic (1353213 recordings annotated by 21 genres and 745 subgenres), Discogs (904944 recordings, 15 genres, 300 subgenres), Lastfm (566710 recordings, 30 genres, 297 subgenres), and Tagtraum (486740 recordings, 31 genres, 265 subgenres).

WP: WP4 / Task: Tasks 4.3.
Responsible: MTG-UPF

Standards and metadata

Ground truth annotations are provided using standard TSV files. Music features are provided in JSON files.

Data sharing

Full dataset description available here:
https://multimediaeval.github.io/2018-AcousticBrainz-Genre-Task/data/
Dataset contents available in Zenodo:

- https://zenodo.org/record/2553414
- https://zenodo.org/record/2554044

Archiving and preservation (including storage and backup)

Archived and stored in Zenodo research data repository.
Size (Bytes): 40G

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DS 4.4.1: Evaluation results of annotations of musical samples

Dataset reference and name
DS 4.4.1: Evaluation results of annotations of musical samples

Dataset description
Results of evaluation of automatic methods for the semantic annotation of music samples. These results include the output of the analysis algorithms run on the datasets annotated with ground truth data. Supporting data for deliverables D4.4, D4.10 and D4.12.
WP: WP4 / Task: Task 4.4
Responsible: MTG-UPF

Standards and metadata

Ground truth annotations are stored using standard CSV format.

Data sharing

Automatically generated annotations public in Zenodo:
https://zenodo.org/record/2546643#.XEcKpS2ZOL4.
The audio they refer to is not always openly available due to licensing constraints, but instructions are included for obtaining the audio. Provided annotations contain references to the original audio files.

Archiving and preservation (including storage and backup)

Archived and stored in Zenodo research data repository.
Size (Bytes): 4.7M

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 688382

DS 4.5.1: Evaluation results of annotations of musical pieces

Dataset reference and name
DS 4.5.1: Evaluation results of annotations of musical pieces

Dataset description
Results of evaluation of automatic methods for the semantic annotation of music pieces. Results include human evaluations via questionnaire. Supporting data for deliverables D4.5, D4.11
WP: WP4 / Task: Task 4.5
Responsible: QMUL

Standards and metadata

Tabular (e.g. CSV) and freeform text

Data sharing

Statistical analysis: Public in D4.11. User evaluations: data collected and stored according to ethics policy and approval.

Archiving and preservation (including storage and backup)

Project document server, personally identifiable data password-protected. Consent forms stored securely offline (e.g. paper in locked filing cabinet).
Estimated final size (Bytes): 100K

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DS 4.6.1: Evaluation results of musical annotation interface

Dataset reference and name
DS 4.6.1: Evaluation results of musical annotation interface

Dataset description
Results of evaluation of interface for manually annotating musical content, in terms of its usability and its expressive power for annotating music samples and music pieces. The evaluation was carried out with real users and in combination with the evaluation of Task 5.4. Supporting data for deliverable D4.9
WP: WP4 / Task: Task 4.6
Responsible: MTG-UPF

Standards and metadata

Free text and Tabular (e.g. CSV)

Data sharing

Project partners only.

Archiving and preservation (including storage and backup)

Anonymized data stored in project document server.
Estimated final size (Bytes): 1M

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 688382

DS 4.7.1: Outputs of integrated annotation technology: Musical content

Dataset reference and name
DS 4.7.1: Outputs of integrated annotation technology: Musical content

Dataset description
Annotations of Freesound and Jamendo content. Success in Task 4.7 will result in at least 70% of Freesound (musical content) and Jamendo content annotated with Audio Commons metadata as defined in the Audio Commons Ontology.
WP: WP4 / Task: Task 4.7
Responsible: MTG-UPF & Jamendo

Standards and metadata

Annotations for Freesound are stored using standard JSON format.
Annotations for Jamendo are stored using standard JSON format and include the Jamendo identifier as part of the "_id" field, which has the form "jamendo-tracks:<jamendo-id>". Using the Jamendo id, further metadata and audio can be requested through the Jamendo API (https://developer.jamendo.com/).

Data sharing

Freesound integration analysis results available in Zenodo:
https://zenodo.org/record/2546812#.XEc2ZC2ZOL4
Jamendo integration analysis results available in Zenodo:
https://doi.org/10.5281/zenodo.2551256

Archiving and preservation (including storage and backup)

Data stored in Zenodo.
Estimated final size (Bytes): 160M (Freesound analysis output) + 6.6GB (Jamendo analysis output)

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 688382

DS 5.1.1: Timbral Hierarchy Dataset

Dataset reference and name
DS 5.1.1: Timbral Hierarchy Dataset

Dataset description
Data relate to Deliverable D5.1 which: (i) generated a hierarchy of terms describing the timbral attributes of audio; (ii) determined the search frequency for each of these terms on the www.freesound.org audio database.
WP: WP5 / Task: Task 5.1
Responsible: Surrey-IoSR (& MTG-UPF)

Standards and metadata

Data comprises excel and csv files, Python code, figures and documentation.

Data sharing

Public. DOI:10.5281/zenodo.167392

Archiving and preservation (including storage and backup)

Project document server, Zenodo.
Estimated final size (Bytes): 6.5M

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 688382

DS 5.2.1: Timbral Characterisation Tool v0.1 Development Dataset

Dataset reference and name
DS 5.2.1: Timbral Characterisation Tool v0.1 Development Dataset

Dataset description
Audio files, test interfaces, and results of listening experiments on timbre perception, carried out to inform the specification of required enhancements to existing metrics, and of modelling approaches for significant timbral attributes not yet modelled.
WP: WP5 / Task: Task 5.2
Responsible: Surrey-IoSR

Standards and metadata

Various (Datasets include multiple audio files as well as test interfaces, and other ancillary files)

Data sharing

Data collected and stored anonymously according to ethics policy and approval.
Public. DOI:10.5281/zenodo.2545488

Archiving and preservation (including storage and backup)

Project document server, Zenodo.
Estimated final size (Bytes): 50MB

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 688382

DS 5.2.2: Timbral Characterisation Tool v0.1

Dataset reference and name
DS 5.2.2: Timbral Characterisation Tool v0.1

Dataset description
Computer code implementing the timbral models developed in Task 5.2 and delivered in D5.2.
WP: WP5 / Task: Task 5.2
Responsible: Surrey-IoSR

Standards and metadata

Computer code plus documentation.

Data sharing

Public. DOI:10.5281/zenodo.2545492

Archiving and preservation (including storage and backup)

Project document server, Zenodo.
Estimated final size (Bytes): 150kB

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 688382

DS 5.3.1: Timbral Characterisation Tool v0.1 Evaluation Dataset

Dataset reference and name
DS 5.3.1: Timbral Characterisation Tool v0.1 Evaluation Dataset

Dataset description
Audio files, test interfaces, and results of evaluation of automatic methods for the semantic annotation of non-musical content, including listening tests where appropriate. Annotations will be evaluated against the timbral descriptor hierarchy defined in Task 5.1. Supporting data for Deliverables D5.3, D5.7
WP: WP5 / Task: Task 5.3
Responsible: Surrey-CVSSP & Surrey-IoSR

Standards and metadata

Various (Datasets include multiple audio files as well as test interfaces, and other ancillary files)

Data sharing

Data collected and stored anonymously according to ethics policy and approval.
Public. DOI:10.5281/zenodo.2545494

Archiving and preservation (including storage and backup)

Project document server, Zenodo.
Estimated final size (Bytes): 1.5GB

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 688382

DS 5.4.1: Evaluation results of non-musical annotation interface

Dataset reference and name
DS 5.4.1: Evaluation results of non-musical annotation interface

Dataset description
Results of evaluation of interface for manually annotating non-musical content, in terms of its usability and its expressive power for annotating. The evaluation wa carried out with real users and in combination with the evaluation of Task 4.6. Supporting data for deliverable D5.5.
WP: WP5 / Task: Task 5.4
Responsible: MTG-UPF

Standards and metadata

Free text and Tabular (e.g. CSV)

Data sharing

Project partners only.

Archiving and preservation (including storage and backup)

Anonymized data stored in project document server.
Estimated final size (Bytes): 1M

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 688382

DS 5.5.1: Outputs of integrated annotation technology: Non-Musical content

Dataset reference and name
DS 5.5.1: Outputs of integrated annotation technology: Non-Musical content

Dataset description
Annotations of Freesound content. Success in Task 5.5 will result in at least 70% of Freesound (non-musical) content annotated with Audio Commons metadata as defined in the Audio Commons Ontology. This will incorporate datasets DS 4.2.1 and DS 4.3.1.
WP: WP5 / Task: Task 5.5
Responsible: MTG-UPF

Standards and metadata

Annotations for Freesound are stored using standard JSON format.

Data sharing

Freesound integration analysis results available in Zenodo:
https://zenodo.org/record/2546812#.XEc2ZC2ZOL4

Archiving and preservation (including storage and backup)

Data stored in Zenodo.
Estimated final size (Bytes): 160M (Freesound analysis output)

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 688382

DS 5.6.1: FSDKaggle2018

Dataset reference and name
DS 5.6.1: FSDKaggle2018

Dataset description
Freesound Dataset Kaggle 2018 (or FSDKaggle2018 for short) is an audio dataset containing 18,873 audio files annotated with labels from 41 general audio categories from Google's AudioSet Ontology. All audio samples in this dataset are gathered from Freesound. All sounds in Freesound are released under Creative Commons (CC) licenses. In particular, all Freesound sounds included in FSDKaggle2018 are released under either CC-BY or CC0. For attribution purposes and to facilitate attribution of these files to third parties, this dataset includes a relation of audio files and their corresponding license.

WP: WP5 / Task: Task 5.5
Responsible: MTG-UPF

Standards and metadata

Ground truth annotations are provided using standard CSV files. Audio files are as uncompressed PCM 16 bit, 44.1 kHz, mono.

Data sharing

Ground truth annotations and audio publically available in Zenodo:
https://zenodo.org/record/2552860#.XFD1cfwo-V4

Archiving and preservation (including storage and backup)

Archived and stored in Zenodo research data repository.
Estimated final size (Bytes): 5G

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 688382

DS 5.6.2: Timbral Characterisation Tool v0.2 Development Dataset

Dataset reference and name
DS 5.6.2: Timbral Characterisation Tool v0.2 Development Dataset

Dataset description
Audio files, test interfaces, and results of listening experiments on timbre perception, carried out to inform the specification of required enhancements to existing metrics, and of modelling approaches for significant timbral attributes not yet modelled.
WP: WP5 / Task: Task 5.2
Responsible: Surrey-IoSR & Surrey-CVSSP

Standards and metadata

Various (Datasets include multiple audio files as well as test interfaces, and other ancillary files)

Data sharing

Data collected and stored anonymously according to ethics policy and approval.
Public. DOI:10.5281/zenodo.2545496

Archiving and preservation (including storage and backup)

Estimated final size (Bytes): 1.3GB

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 688382

DS 5.6.3: Timbral Characterisation Tool v0.2

Dataset reference and name
DS 5.6.3: Timbral Characterisation Tool v0.2

Dataset description
Computer code implementing the timbral models developed in Task 5.2 and delivered in D5.6.
WP: WP5 / Task: Task 5.2
Responsible: Surrey-IoSR and Surrey-CVSSP

Standards and metadata

Computer code plus documentation.

Data sharing

Public. DOI:10.5281/zenodo.2545498

Archiving and preservation (including storage and backup)

Project document server, Zenodo.
Estimated final size (Bytes): 1.0MB

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 688382

DS 5.7.1: Timbral Characterisation Tool v0.2 Evaluation Dataset

Dataset reference and name
DS 5.7.1: Timbral Characterisation Tool v0.2 Evaluation Dataset

Dataset description
Code used in the evaluation of automatic methods for the semantic annotation of non-musical content as delivered in Deliverable D5.6. Supporting data for Deliverable D5.7
WP: WP5 / Task: Task 5.3
Responsible: Surrey-CVSSP & Surrey-IoSR

Standards and metadata

Computer code plus documentation.

Data sharing

Public. DOI:10.5281/zenodo.1697212

Archiving and preservation (including storage and backup)

Project document server, Zenodo.
Estimated final size (Bytes): 500kB

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 688382

DS 5.7.2: Timbral Hardness Modelling Dataset

Dataset reference and name
DS 5.7.2: Timbral Hardness Modelling Dataset

Dataset description
Audio files, test interfaces, and results of listening experiments on *hardness* perception, carried out to inform the development and testing of a model of *hardness* perception, as delivered in Deliverable D5.6. Supporting data for Deliverable D5.7 and journal paper by Pearce *et al.* [2019].
WP: WP5 / Task: Task 5.3
Responsible: Surrey-CVSSP & Surrey-IoSR

Standards and metadata

Computer code plus documentation.

Data sharing

Public. DOI:10.5281/zenodo.1548721

Archiving and preservation (including storage and backup)

Project document server, Zenodo.
Estimated final size (Bytes): 1.5GB

References

A.Pearce, T.Brookes, R.Mason, "Modelling Timbral Hardness", submitted for publication in *Applied Sciences*, 2019.

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 688382

DS 5.7.3: Timbral Hardness Modelling Code

Dataset reference and name
DS 5.7.3: Timbral Hardness Modelling Code

Dataset description
Code used in the further evaluation of automatic methods for the semantic annotation of non-musical content specifically in terms of the timbral attribute *hardness*, as delivered in Deliverable D5.6. Supporting data for Deliverable D5.7 and journal paper by Pearce *et al.* [2019].
WP: WP5 / Task: Task 5.3
Responsible: Surrey-CVSSP & Surrey-IoSR

Standards and metadata

Computer code plus documentation.

Data sharing

Public. DOI:10.5281/zenodo.2551112

Archiving and preservation (including storage and backup)

Project document server, Zenodo.
Estimated final size (Bytes): 250kB

References

A.Pearce, T.Brookes, R.Mason, "Modelling Timbral Hardness", submitted for publication in *Applied Sciences*, 2019.

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 688382

DS 5.8.1: Timbral Characterisation Tool v1.0

Dataset reference and name
DS 5.8.1: Timbral Characterisation Tool v1.0

Dataset description
Computer code implementing the timbral models developed in Task 5.2 and delivered in D5.8.
WP: WP5 / Task: Task 5.2
Responsible: Surrey-IoSR and Surrey-CVSSP

Standards and metadata

Computer code plus documentation.

Data sharing

Public. DOI:10.5281/zenodo.2545503

Archiving and preservation (including storage and backup)

Project document server, Zenodo.
Estimated final size (Bytes): 1.0MB

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 688382

DS 6.4.1: Evaluation results of ACE for Creativity Support. Dataset supporting D6.8

Dataset reference and name
DS 6.4.1: Evaluation results of ACE for Creativity Support. Dataset supporting D6.8

Dataset description
Results of holistic evaluation of the ACE in the context of Creativity Support. This include the results of novel methods to assess how the ACE system and tools facilitate creative flow, discovery, innovation and other relevant dimensions of creative work. Data set supporting Deliverables 6.8.

This data set covers material from Designing Sound in the Cloud workshop, held during Audio Mostly 2018 at QMUL (D6.8.2.2). It comprises of a list of topics of the hacks.

The following topics in "D6.8 Report on novel methods for measuring creativity support" are pointing to other individual data sets as listed below:

- Surveying music industry consumers and producers" refers to "DS 2.1.1: Requirements survey"
- Soundscape design using a participatory design approach refers to "DS 6.7.1: Evaluation results of ACE in sound design and AV production. Soundscape Composition (Freesound, Apple Loops, AudioTexture)"
- Collaborative music making using mixed methods approach refers to "DS 6.5.1: Evaluation results of ACE in music production. Music Improvisation with Playsound"

WP: WP6 / Task: Task 6.4
Responsible: QMUL

Standards and metadata

Free text, video, post-its.

Data sharing

Please contact the researcher[2] responsible for the data collection to request access to the data entries. Please refer to "D6.8 Report on novel methods for measuring creativity support" for more information about the methods of collection.

Archiving and preservation (including storage and backup)

Password-protected folder managed by the researchers in charge of the data collection.
Estimated final size (Bytes): 1 KB

[2] m.barthet@qmul.ac.uk

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 688382

DS 6.4.2: Evaluation results of ACE for Creativity Support. Dataset supporting D6.12

Dataset reference and name
DS 6.4.2: Evaluation results of ACE for Creativity Support. Dataset supporting D6.12

Dataset description
Results of holistic evaluation of the ACE in the context of Creativity Support. This will include the results of novel methods to assess how the ACE system and tools facilitate creative flow, discovery, innovation and other relevant dimensions of creative work. Data set supporting Deliverables 6.12.

This data set covers the user data of 8 participants assessing Moodscape Generator.

The following topics from report D6.12 are pointing to other individual datasets as listed below:

- Evaluating ACE tools for music production. 1h Computer Music Production Challenge. This data set is documented in DS 6.5.2
- Soundscape Composition task using ACE tools (AudioTexture, SampleSurfer, MuSST, Playsound). This data set is documented in DS 6.7.2
- Evaluating Jam with Jamendo with musicians. This data set is documented in DS 6.6.1

WP: WP6 / Task: Task 6.4
Responsible: QMUL (with Industrial Partners)

Standards and metadata

Free text and Tabular (e.g. CSV)

Data sharing

Usability data collected and stored according to ethics policy and approval; anonymized result data is stored on Online Surveys (BOS). The data can be made accessible through email request to the researchers[3] managing the data. Please contact to request access to the data set, which could be shared after signing a NDA to protect the sensitive information contained in the data set.

Archiving and preservation (including storage and backup)

The survey data is stored on a survey database under a password-protected account managed by WP6 collaborators. The data will be also securely stored on a password-protected folder on a server at the university responsible for WP6 (QMUL). Personally identifiable data password-protected or stored securely offline (e.g. paper in locked filing cabinet).

Estimated final size (Bytes): 100 KB

[3] a.milo@qmul.ac.uk or m.barthet@qmul.ac.uk

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 688382

DS 6.5.1: Evaluation results of ACE in music production. Music Improvisation with Playsound

Dataset reference and name
DS 6.5.1: Evaluation results of ACE in music production. Music Improvisation with Playsound

Dataset description
Results of evaluation of ACE in music improvisation contexts, using the music production interface Playsound.space, developed at QMUL. The results include usability data from 15 students of Queen Mary's Media and Arts Technology (MAT) programme.

Supporting data for Deliverable 6.4, 6.8.
WP: WP6 / Task: Task 6.5
Responsible: QMUL

Standards and metadata

Free text and Tabular (e.g. CSV)

Data sharing

Usability data collected and stored according to ethics policy and approval; anonymized result data is stored on Online Surveys (BOS). The data can be made accessible through email request to the researchers[4] managing the data. Please contact to request access to the data set, which could be shared after signing a NDA to protect the sensitive information contained in the data set.

Archiving and preservation (including storage and backup)

The survey data is stored on a survey database under a password-protected account managed by WP6 collaborators. The data will be also securely stored on a password-protected folder on a server at the university responsible for WP6 (QMUL). Personally identifiable data password-protected or stored securely offline (e.g. paper in locked filing cabinet).

Estimated final size (Bytes): 100 KB

[4] a.milo@qmul.ac.uk or m.barthet@qmul.ac.uk

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DS 6.5.2: Eval. results of ACE in music production. 1h Computer Music Production Challenge

Dataset reference and name
DS 6.5.2: Evaluation results of ACE in music production. 1h Computer Music Production Challenge

Dataset description
Results of evaluation of ACE in a music production task using ACE tools (AudioTexture, SampleSurfer, MuSST). The results include usability data and results on how the tools facilitate creative flow, discovery, innovation and other relevant dimensions of creative work from 18 expert computer music producers / composers of Queen Mary's Media and Arts Technology (MAT) programme and Centre for Digital Music. The user study also generated data such as music project files and audio, transcriptions of videologged interviews, ethnographic observations.

Supporting data for Deliverable 6.12
WP: WP6 / Task: Task 6.5
Responsible: QMUL (with Industrial Partners)

Standards and metadata

Free text and Tabular (e.g. CSV), project files extensions (Logic, Ableton Live), audio files (WAV).

Data sharing

Usability data collected and stored according to ethics policy and approval; anonymized result data is stored on Online Surveys (BOS). The data can be made accessible through email request to the researchers[5] managing the data. Please contact to request access to the data set, which could be shared after signing a NDA to protect the sensitive information contained in the data set.

Archiving and preservation (including storage and backup)

The survey data is stored on a survey database under a password-protected account managed by WP6 collaborators. The data will be also securely stored on a password-protected folder on a server at the university responsible for WP6 (QMUL). Personally identifiable data password-protected or stored securely offline (e.g. paper in locked filing cabinet).

Estimated final size (Bytes): 2 GB

[5] a.milo@qmul.ac.uk or m.barthet@qmul.ac.uk

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DS 6.6.1: Eval. results of search and retrieval [...] for music pieces. Jam with Jamendo

Dataset reference and name
DS 6.6.1: Evaluation results of search and retrieval interfaces for accessing music pieces. Jam with Jamendo

Dataset description
Results of evaluation of search and retrieval interfaces for accessing Audio Commons music pieces.
Feedback from a study with 20 musicians playing along the interface "Jam with Jamendo" (Trondheim, Norway).
The data supports the assessment of how ACE supports information seeking activities in creative music production using the web-based interfaces created in Task 6.6.
Supporting data for Deliverable D6.12.

WP: WP6 / Task: Task 6.6
Responsible: QMUL (with Jamendo)

Standards and metadata

Free text and Tabular (e.g. CSV)

Data sharing

Usability data collected and stored according to ethics policy and approval; anonymized result data is stored on password protected server. The data can be made accessible through email request to the researchers[6] managing the data. Please contact to request access to the data set.

Archiving and preservation (including storage and backup)

The survey data is stored on a survey database under a password-protected account managed by WP6 collaborators. The data will be also securely stored on a password-protected folder on a server at the university responsible for WP6 (QMUL). Personally identifiable data password-protected or stored securely offline (e.g. paper in locked filing cabinet).

Estimated final size (Bytes): 10 KB

[6] a.milo@qmul.ac.uk or m.barthet@qmul.ac.uk

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DS 6.7.1: Eval. results of ACE in sound design and AV production - Soundscape February 2018

Dataset reference and name

DS 6.7.1: Evaluation results of ACE in sound design and AV production - Soundscape February 2018

Dataset description
Results of evaluation of ACE in sound design and audiovisual production. The results will include usability data from students of Sound Recording and Production Techniques composing a short track (soundscape) using Freesound, AudioTexture , Apple Loops.

Supporting data for Deliverable D6.6 and 6.8
WP: WP6 / Task: Task 6.7
Responsible: QMUL (with AudioGaming)

Standards and metadata

Free text and Tabular (e.g. CSV)

Data sharing

Usability data collected and stored according to ethics policy and approval; anonymized result data is stored on Online Surveys (BOS). The data can be made accessible through email request to the researchers[7] managing the data. Please contact to request access to the data set, which could be shared after signing a NDA to protect the sensitive information contained in the data set.

Archiving and preservation (including storage and backup)

The survey data is stored on a survey database under a password-protected account managed by WP6 collaborators. The data will be also securely stored on a password-protected folder on a server at the university responsible for WP6 (QMUL). Personally identifiable data password-protected or stored securely offline (e.g. paper in locked filing cabinet).

Estimated final size (Bytes): 200 KB

[7] a.milo@qmul.ac.uk or m.barthet@qmul.ac.uk

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 688382

DS 6.7.2: Eval. results of ACE in sound design and AV production - Soundscape December 2018

Dataset reference and name
DS 6.7.2: Evaluation results of ACE in sound design and AV production - Soundscape December 2018

Dataset description
Results of evaluation of ACE in sound design and audiovisual production. The results will include usability data from students of Sound Recording and Production Techniques composing a short track (soundscape) using AudioTexture, SampleSurfer, MuSST, Playsound.
Supporting data for Deliverable D6.12
WP: WP6 / Task: Task 6.7
Responsible: QMUL

Standards and metadata

Free text and Tabular (e.g. CSV)

Data sharing

Usability data collected and stored according to ethics policy and approval; anonymized result data is stored on Online Surveys (BOS). The data can be made accessible through email request to the researcher[8] managing the data. Please contact to request access to the data set, which could be shared after signing a NDA to protect the sensitive information contained in the data set.

Archiving and preservation (including storage and backup)

The survey data is stored on a survey database under a password-protected account managed by WP6 collaborators. The data will be also securely stored on a password-protected folder on a server at the university responsible for WP6 (QMUL). Personally identifiable data password-protected or stored securely offline (e.g. paper in locked filing cabinet).

Estimated final size (Bytes): 200 KB

[8] a.milo@qmul.ac.uk or m.barthet@qmul.ac.uk

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 688382

DS 7.1.1: Website statistics

Dataset reference and name

DS 7.1.1: Website statistics

Dataset description

Daily website visitor data. Success in Task 7.1 will yield 50 daily unique visitors to the AudioCommons web portal, (excluding bots), increased by at least 50% during time periods influenced by AudioCommons events.
WP: WP7 / Task: Task 7.1
Responsible: MTG-UPF

Standards and metadata

Tabular (e.g. CSV)

Data sharing

During project: Private (maintained on Google Analytics).
At end of project: Public and hosted in the website source code repository: https://github.com/AudioCommons/audiocommons.github.io/tree/master/web_stats

Archiving and preservation (including storage and backup)

During project: Maintained on Google Analytics.
At end of project: Downloaded to web server, backed up on project document server.
Size (Bytes): 10K

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DS 7.5.1: List of Key Actors in the creative community

Dataset reference and name

DS 7.5.1: List of Key Actors in the creative community

Dataset description
A list of Key Actors in the creative community will be built and maintained to facilitate dissemination activities in Task 7.5. This includes personally identifiable information such as contact details and interests, and will be maintained according to data protection policies.
WP: WP7 / Task: Task 7.5
Responsible: MTG-UPF

Standards and metadata

Text document

Data sharing

Project partners only.

Archiving and preservation (including storage and backup)

Stored on project document server, in compliance with data protection policies.
Estimated final size (Bytes): 100K

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 688382