docs.audioblast.org

Ed Baker

2023-02-17

Contents

Chapter 1

About audioBlast

Chapter 2

Introduction

2.1 Why audioBlast

All chapters start with a first-level heading followed by your chapter title, like the line above. There should be only one first-level heading (#) per .Rmd file.

2.2 Design Philosophy

The technical design of audioBlast pushes computation down the stack as far as is conveniently possible. Ideally this will often be the database. This results in a reduction in network traffic, which can be significant if returning a large number of analyses.

Some core parts of the audioBlast system (i.e. the ingest process and analyse process) can communicate directly with the database, and all insertion or updating of records must be performed through one of these processes.

All reading of data should be performed via the API (https://api.audioblast. org). The API is a lightweight database wrapper that automatically handles pagination of results and caching of slow queries. Various utilities provide access to the API in different environments, including the sonicscrewdriver package for the R environment. The API is also used to provide the data search and discovery tools at https://audioblast.org.

Chapter 3

audioBlastIngest

What is it

3.1   Structure