

2인 프로젝트

Blog

＊

정민석
김정호

<https://github.com/gratisreise/teamprojecttest>

주요 기능

＊ 01
로그인

회원가입을 한 유저가 로그인 후
댓글을 작성할수 있습니다

＊ 02
검색

제목 키워드를 검색을 해 해당 키워드
가 들어간 글 리스트를 출력합니다

＊ 03
관리자 글쓰기

관리자로 로그인을 해야만
글쓰기를 할 수 있습니다

＊ 04
글 수정, 삭제


관리자만 보이는 버튼이 있어
수정, 삭제 가능합니다

＊ 05
회원 댓글 작성


로그인 한 유저만 댓글
작성 품이 보입니다

＊ 06
웹 텍스트 에디터

글쓰기 작성 시 WYSIWYG 기능을 넣어
내용을 GUI로 작성 가능합니다

 Blog

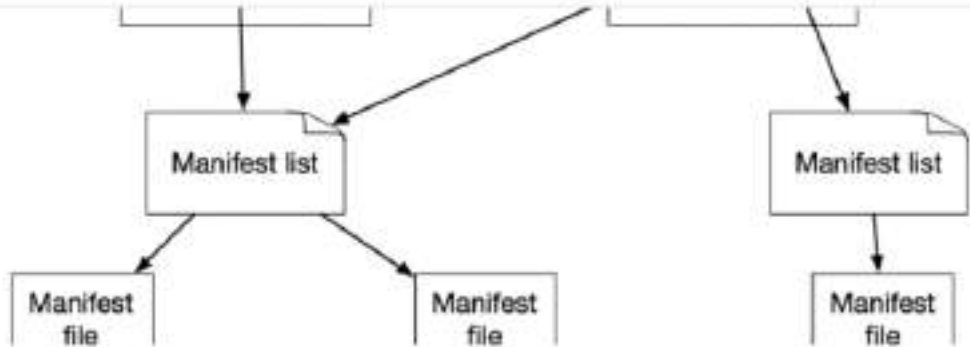
BlogLogin



Detecting Speech and Music in Audio Content

Minseok Jeong June 4, 2024

IntroductionWhen you enjoy the latest season of Stranger Things or Casa de Papel (Money Heist), have you ever wondered about the secrets to fantastic story-telling, besides the stunning visual presentation? From the violin melody accompanying a pivotal scene to the soaring orchestral arrangement and thunderous sound-effects propelling an edg...



Incremental Processing using Netflix Maestro and Apache Iceberg

Minseok Jeong June 4, 2024

IntroductionNetflix relies on data to power its business in all phases. Whether in analyzing A/B tests, optimizing studio production, training algorithms, investing in content acquisition, detecting security breaches, or optimizing payments,

Search

list of documents.

«»


Detecting Speech and Music in Audio Content

Incremental Processing using Netflix Maestro and Apache Iceberg

Netflix Original Research: MIT CODE 2023

Rebuilding Netflix Video Processing Pipeline with Microservices

Popular Posts



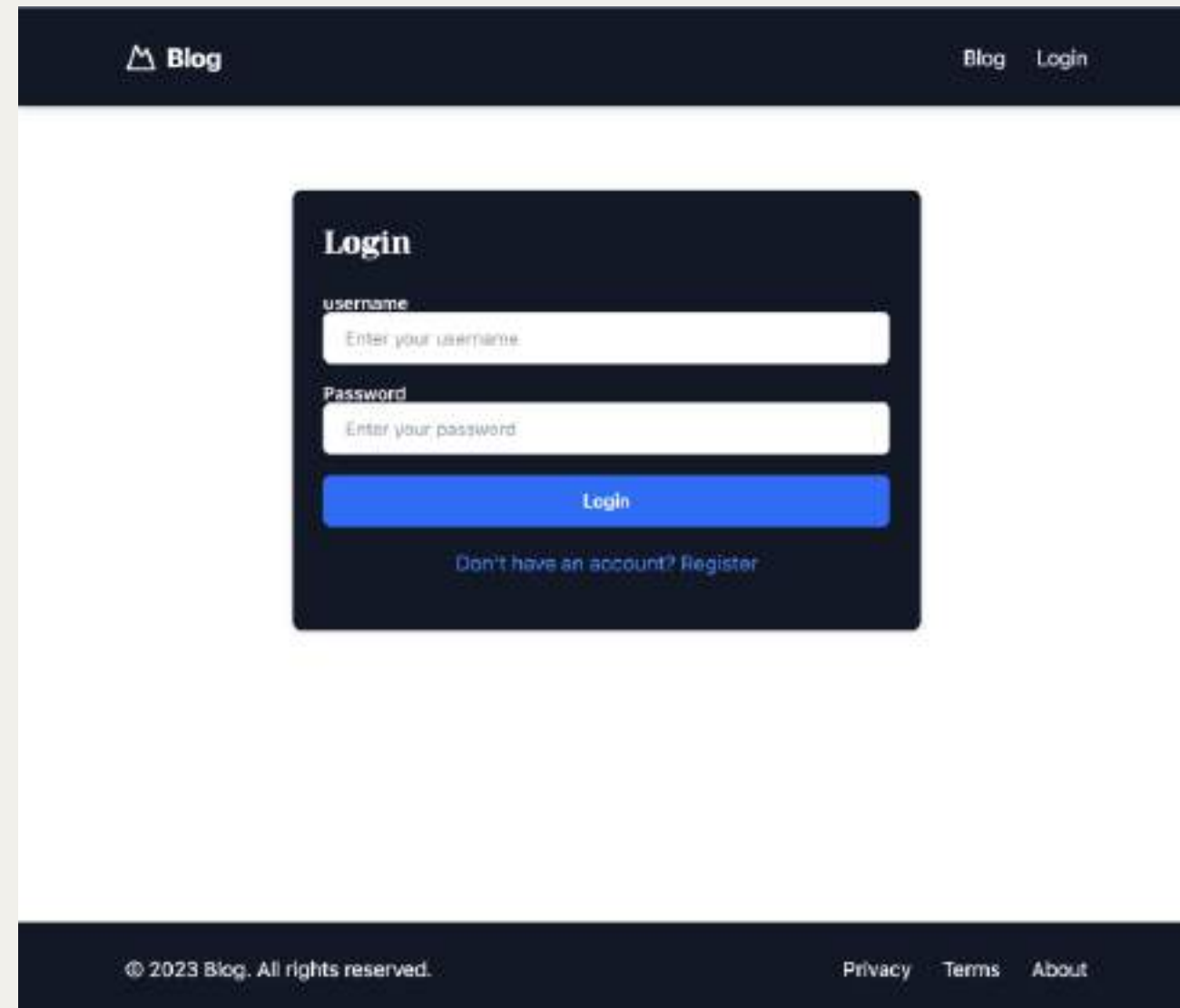
Detecting Speech and Music in Audio Content
June 4, 2024

최신 글 5개를 메인페이지에 출력합니다

이전, 이후 글 목록의 제목을 5개씩 출력해 링크로 연결하였습니다

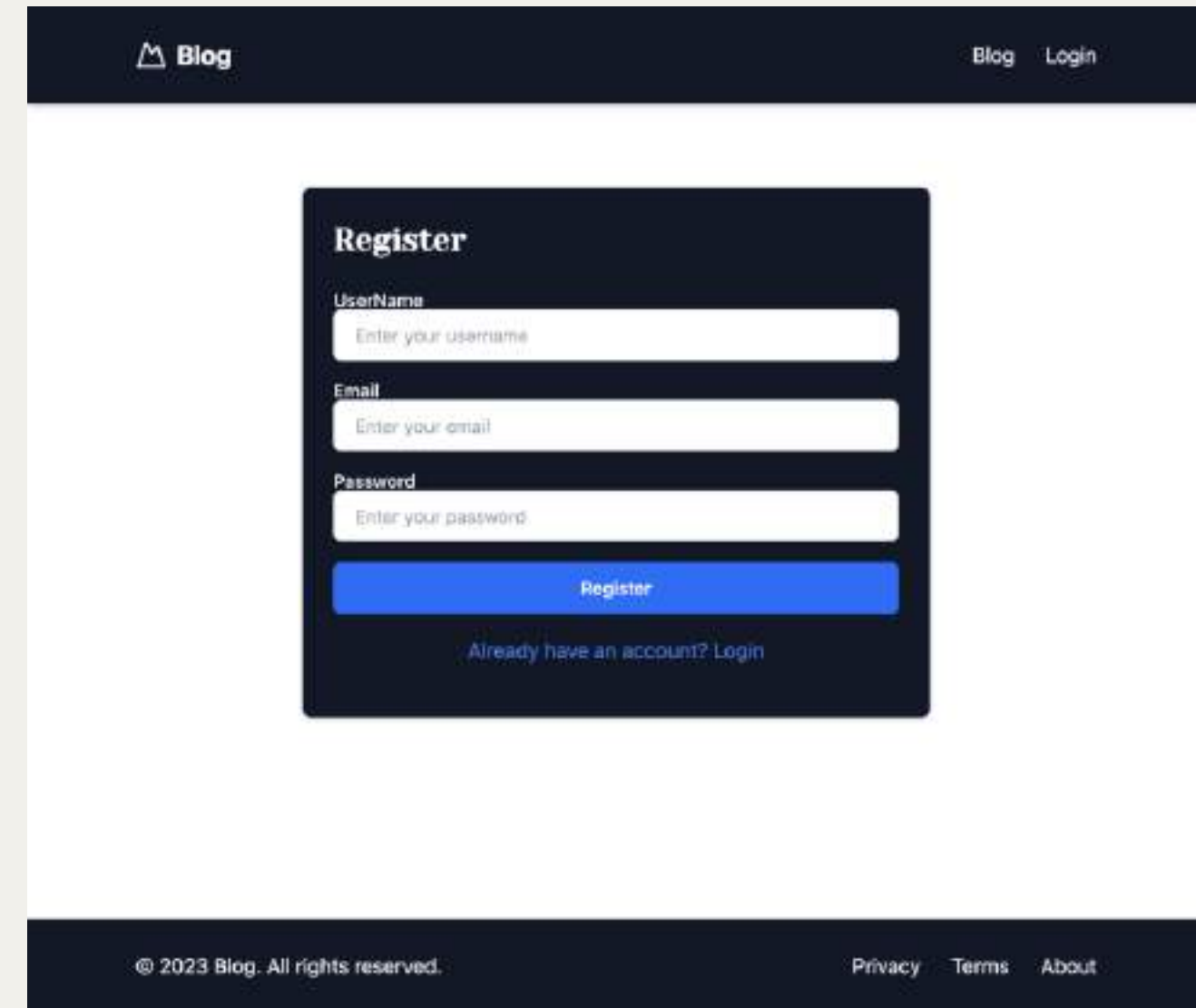
가장 조회수 높은 3개의 글을 Popular Post에 출력합니다

회원가입을 한 유저가 로그인할 수 있습니다




The screenshot shows a web application interface for a login page. At the top, there is a dark blue header with a logo and the word "Blog" on the left, and links for "Blog" and "Login" on the right. The main content area is white and features a dark blue login form. The form has a title "Login", a "username" label, a text input field with placeholder text "Enter your username.", a "Password" label, a text input field with placeholder text "Enter your password.", a blue "Login" button, and a link "Don't have an account? Register" below the button. At the bottom, there is a dark blue footer with the copyright notice "© 2023 Blog. All rights reserved." and links for "Privacy", "Terms", and "About".

페이지 이동을 하지않고 밑 링크를 누르면
로그인 폼이 사라지고 회원가입 폼이 나타납니다



The screenshot shows a web application interface for a register page. At the top, there is a dark blue header with a logo and the word "Blog" on the left, and links for "Blog" and "Login" on the right. The main content area is white and features a dark blue register form. The form has a title "Register", a "UserName" label, a text input field with placeholder text "Enter your username.", an "Email" label, a text input field with placeholder text "Enter your email", a "Password" label, a text input field with placeholder text "Enter your password.", a blue "Register" button, and a link "Already have an account? Login" below the button. At the bottom, there is a dark blue footer with the copyright notice "© 2023 Blog. All rights reserved." and links for "Privacy", "Terms", and "About".

 Blog

BlogLogin

DE SUMMIT 2023

Data Engineering @ Netflix

Our First Netflix Data Engineering Summit

Minseok Jeong June 4, 2024

IntroductionEarlier this summer Netflix held our first-ever Data Engineering Forum. Engineers from across the company came together to share best practices on everything from Data Processing Patterns to Building Reliable Data Pipelines. The result was a series of talks which we are now sharing with the rest of the Data Engineering community!You can fin...

Modeling

Deployment

Versioning

Orchestration

Domain-specific Libraries

Metaflow Hosting, Cache

Future Work


Maestro

Supporting Diverse ML Systems at Netflix



Minseok Jeong June 4, 2024

David J. Berg, Romain Cledat, Kayla Seeley, Shashank Srikanth, Chaoying Wang, Darin YuNetflix uses data science and machine learning across all facets of the company, powering a wide range of business applications from our internal

Search




list of documents.



- Detecting Speech and Music in Audio Content
- Incremental Processing using Netflix Maestro and Apache Iceberg
- Netflix Original Research: MIT CODE 2023
- Rebuilding Netflix Video Processing Pipeline with Microservices

Popular Posts




Detecting Speech and Music in Audio Content

June 4, 2024

flix 검색

제목에 flix가 포함된
post들을 출력합니다

 Blog






BloglogoutWrite

Write a New Blog Post

Title

Enter a title for your post


Content

B **I**     



Cover Image

파일 선택선택된 파일 없음

Search

Search blog posts...

list of documents.


Detecting Speech and Music in Audio Content

Incremental Processing using Netflix Maestro and Apache Iceberg

Netflix Original Research: MIT CODE 2023

Rebuilding Netflix Video Processing Pipeline with Microservices


Popular Posts



Detecting Speech and Music in Audio Content


June 4, 2024

WYSIWYG Quilljs 라이브러리를 사용해
글 내용의 문서 작성 방법을 GUI로 작성
할 수 있습니다


 Blog

BloglogoutWrite

deleteupdate



Detecting Speech and Music in Audio Content

 Minseok Jeong 6월 4, 2024


Introduction

When you enjoy the latest season of **Stranger Things** or *Casa de Papel (Money Heist)*, have you ever wondered about the secrets to fantastic story-telling, besides the stunning visual presentation? From the violin melody accompanying a pivotal scene to the soaring orchestral arrangement and thunderous sound-effects propelling an edge-of-your-seat action sequence, the various components of the audio soundtrack combine to evoke the very essence of story-telling. To uncover the magic of audio soundtracks and further improve the sonic experience, we need a way to systematically examine the interaction of these components, typically categorized as dialogue, music and effects.



In this blog post, we will introduce speech and music detection as an enabling technology for a variety of audio applications in Film & TV, as well as introduce our speech and music activity detection (SMAD) system which we recently published as a journal article in EURASIP Journal on Audio, Speech, and Music Processing.

Like semantic segmentation for audio, SMAD separately tracks the amount of speech and music in each frame in an audio file and is useful in *content understanding* tasks during the audio production and delivery lifecycle. The detailed temporal metadata SMAD provides about speech and music regions in a polyphonic audio mixture are a first step for structural audio segmentation, indexing and pre-processing audio for the following downstream tasks. Let's have a look

Search




list of documents.

- Detecting Speech and Music in Audio Content
- Incremental Processing using Netflix Maestro and Apache Iceberg
- Netflix Original Research: MIT CODE 2023
- Rebuilding Netflix Video Processing Pipeline with Microservices

Popular Posts



Detecting Speech and Music in Audio Content

June 4, 2024

admin으로 로그인하면 글 상세페이지에 delete, update 버튼들이 추가됩니다.

Dialogue analysis & processing

During encoding at Netflix, speech-gated loudness is used for audio normalization. Speech-activity metadata is thus a central component in improved audio volume experience for Netflix members. Similarly, algorithms for dialogue intelligibility, spoken word recognition, and to audio regions where there is measured speech.

Localization & Dubbing

Finally, there are post-production tasks, which take advantage of accurate speech segmentation at the the spoken utterance or sentence level, ahead of translation and dub-script generation. Likewise, authoring accessibility-features like Audio Description (AD) involves music and speech segmentation. The AD narration is typically mixed-in to not overlap with the primary dialogue, while music lyrics strongly tied to the plot of the story, are sometimes referenced by AD creators, especially for translated AD.

Our Approach to Speech and Music Activity Detection

Although the application of deep learning methods has improved audio classification systems in recent years, this data driven approach for SMAD requires large amounts of audio source material with audio-frame level speech and music activity labels. The collection of such fine-resolution labels is costly and labor intensive and audio content often cannot be publicly shared due to the copyright limitations. We address the challenge from a different angle.

Comments

admin

댓글작성

댓글

Submit

localhost:9000 내용:

Comment created successfully

확인

E SUMMIT 2024 Engineering @ Netflix

Engineering Summit

June 4, 2024

로그인한 유저는 상세 페이지 하단 댓글을 작성할 수 있는 폼이 나타납니다.