

API Mashup & Docker Project

CAB432 - Cloud Computing

Semester 2 - 2021

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Mashup Purpose & Description	3
Services Used	3
Twitter Standard Search API (v1.1)	3
Jikan (v4)	3
News API (v2)	3
Mashup Use Cases & Services	4
Use case 1	4
Use case 2	4
Technical Breakdown	4
Architecture & Data Flow	4
/news	4
/tweets	5
Deployment and the use of Docker	6
Test plan	7
Difficulties/Exclusions/Unresolved & Persistent Errors/	7
References	9
Appendix A - User Guide	9

Mashup Purpose & Description

AniNews aims to provide a central interface consisting of real-time news articles and twitter feeds for seasonal anime. This is achieved by combining Jikan, an anime and manga database scraper, with Twitter and News. Anime fans are frequent Twitter users, so combining Twitter's Standard Search API with Jikan presents users with insight on which seasonal shows are well received by the general anime community. As seasonal anime are also broadcasted weekly, this mashup indirectly notifies users when new episodes are released as well as highlight notable moments from the recent episode. In addition to the Twitter-Jikan mashup, Jikan is also used alongside the NEWS API to gather the latest news on seasonal shows. News articles generated from this particular mashup include reviews, series analysis as well as announcements for potential events, collaborations and promotions.

Services Used

Twitter Standard Search API (v1.1)

<https://developer.twitter.com/en/docs/twitter-api/v1/tweets/search/api-reference/get-search-tweets>

Twitter's Standard Search API provides a collection of tweets based on a given query. The response received from Twitter can be filtered by popularity, recency or a mix of both, as well as by specifying queries to include or exclude from the results.

This API endpoint is accessed via <https://api.twitter.com/1.1/search/tweets.json>

Jikan (v4)

<https://docs.api.jikan.moe/#tag/seasons>

Jikan is an unofficial REST API which queries and scrapes data from the official MyAnimeList API. The API provides information about individual manga and anime entries as well as provides a list of current seasonal anime, currently airing and upcoming anime.

For the purposes of AniNews, only Jikan's get Season endpoint is used to retrieve the list of seasonal anime and information about those shows, which is accessed through this endpoint:

<https://api.jikan.moe/v4/seasons/{year}/{season}>

Where 'season' refers to the current season in the northern hemisphere.

News API (v2)

<https://newsapi.org/docs/endpoints/everything>

News API provides search results for news articles from various sources across the web. This API has 2 main endpoints to find all articles related to the query or the top news related to the query. For the purpose of AniNews, the former endpoint is used via <https://newsapi.org/v2/everything>. Additional terms can be added to the query to find more specific articles.

Mashup Use Cases & Services

Use case 1

As an anime fan and twitter user, I want to find tweets about the current seasonal anime to help me decide what shows are worth watching this season.

Given the list of seasonal anime retrieved from Jikan API, the title is used to retrieve a list of tweet ids about each show from Twitter's Standard Search API. These ids are used to generate and embed the tweets on the client side.

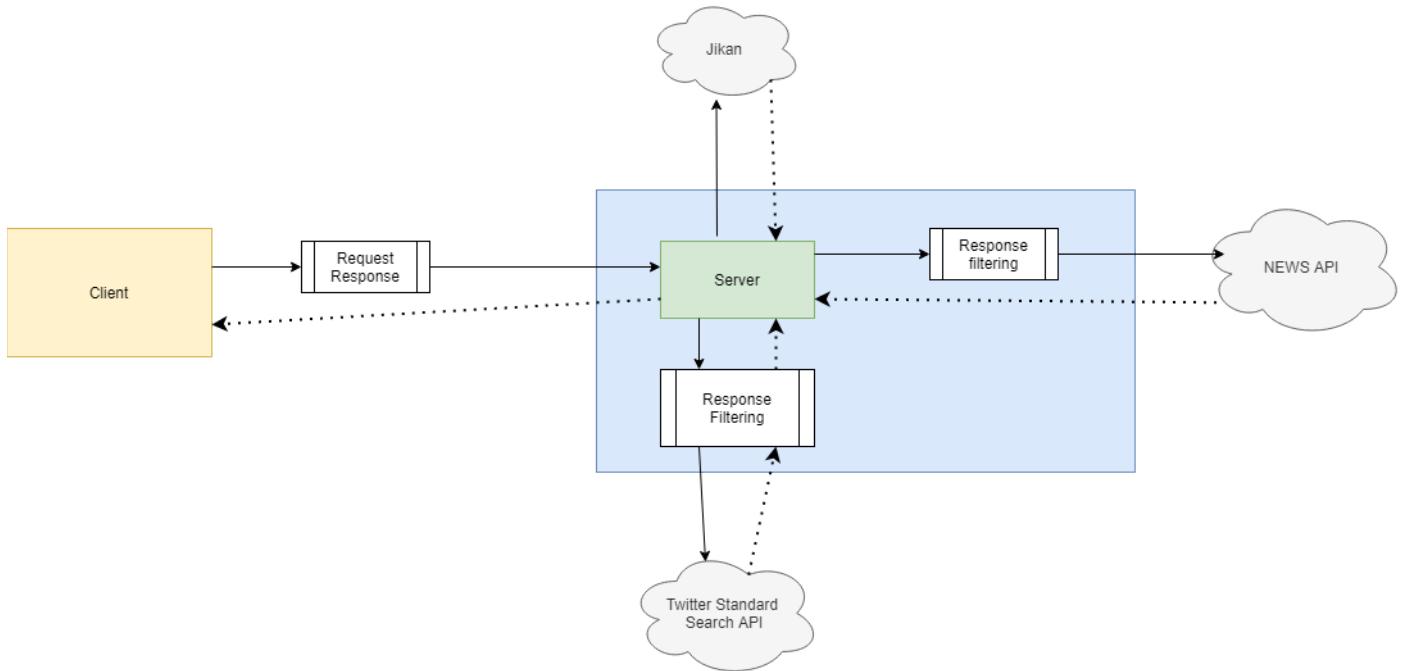
Use case 2

As an anime fan, I want to be able to find news about currently airing shows to keep me up to date with the anime community.

Given the list of seasonal anime, it uses the english translation of the show title to retrieve information about articles related to each show from the NEWS API. This information is used to generate a list of articles on the client side.

Technical Breakdown

Architecture & Data Flow



/news

Given a request from the client to retrieve articles for the current seasonal anime, the server first queries the Jikan API for the list of seasonal anime. The response obtained from Jikan contains 2 representations of show titles:

```
"title": "Vanitas no Karte",
"title_english": "The Case Study of Vanitas",
```

Where 'title' refers to the localised title used in Japan and 'title_english' refers to the westernised translation of the show title. As the News API generates its responses from western news sources, the server will extract the translated version of the seasonal list's show titles. Each show title is queried to the News API with asynchronous requests for articles with an additional search parameter for "anime" to be more specific. The resulting response from News API is given to the server to return back to the client.

However, there are cases where shows do not return an article, as shown below.

```
{  
  ....  
  "anime": "Jahy sama Won't Be Discouraged!",  
  "article": []  
}
```

This is resolved by filtering out the response items with no articles so that they do not appear on the client render.

```
// filter out anime without articles  
let filteredArticles = animeArticles.filter(item=>{  
  return item.article.length > 0;  
});
```

The client maps through the response data to render a list of news articles styled with semantic-ui.

AniNews **TWEETS** **NEWS**

[That Time I Got Reincarnated as a Slime Game Coming to Mobile Devices in 2021](#)

Bandai Namco announced on Tuesday that the anime series That [...] The post That Time I Got Reincarnated as a Slime Game Coming to Mobile Devices in 2021 appeared first on ComingSoon.net.

ComingSoon.net • 2021-09-07

- That Time I Got Reincarnated as a Slime Season 2 Part 2

[Miss Kobayashi's Dragon Maid S – Episode 7](#)

First, and perhaps I've neglected to comment on this extensively in past reviews, but Kyoto Animation delivered some fantastic sequences this week.

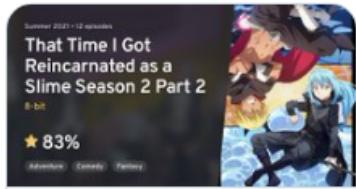
Anime News Network • 2021-08-19

- Miss Kobayashi's Dragon Maid S

/tweets

Given a request from the client to retrieve tweets about current seasonal anime, the server once again queries Jikan for the same list of seasonal anime. What differs from the /news server endpoint is that the server extracts the localised show titles. This decision was made to account for how most members of the anime community on Twitter tend to use the localised show titles to refer to anime shows. Along with the show titles, additional parameters are also added to the search query to exclude undesirable tweets. This includes tweets which are auto-generated for users who have integrated Twitter with anime tracking services, like AniList and Kitsu as shown below:

Just watched: Tensei Shitara Slime Datta Ken 2nd Season Part 2 #10/12 (Score: 8.0)



That Time I Got Reincarnated as a Slime Season 2 Part 2
[anilist.co](#)

12:47 AM · Sep 16, 2021

Just Watched : episode n°11 Tensei shitara Slime Datta Ken 2nd Season Part 2
[kitsu.io/anime/tensei-s...](#)

9:06 AM · Sep 15, 2021

Once the Twitter response is obtained, the response is further filtered to extract the tweet IDs before being sent to the client. It is important to note that there are 2 representations of the tweet IDs in the Twitter response as shown below:

```
"id": 1437763063109783600,  
"id_str": "1437763063109783552",  
"text": "Tensei Shitara Slime Datta Ken 2nd Season Part 2 EP11 will be airing at 2021-09-14 15:00:00 (BST) #Anime #MAL #"
```

It is recommended by Twitter to use the string variant of the tweet ID as JavaScript stores integers as 53-bits when Twitter utilises 64-bit integers, which results in data loss when translating the integer to string (Twitter Dev, n.d.). After the tweet id strings are extracted, the response is sent to the client to generate the embedded tweets with the react-tweet-embed module.

Sonny Boy

Funimation @Funimation

Looking for a new future? or maybe a new planet? 🚀👉

Either way we got the shows that'll help you make your escape! weareani.me/dvhgpp

A small thumbnail image for the anime "Sonny Boy", showing two characters in a futuristic setting.

auggie @augerbug

Going to get back into anime just to watch Sonny boy cause it's right up my alley

7:54 PM · Sep 19, 2021

[Tweet your reply](#)

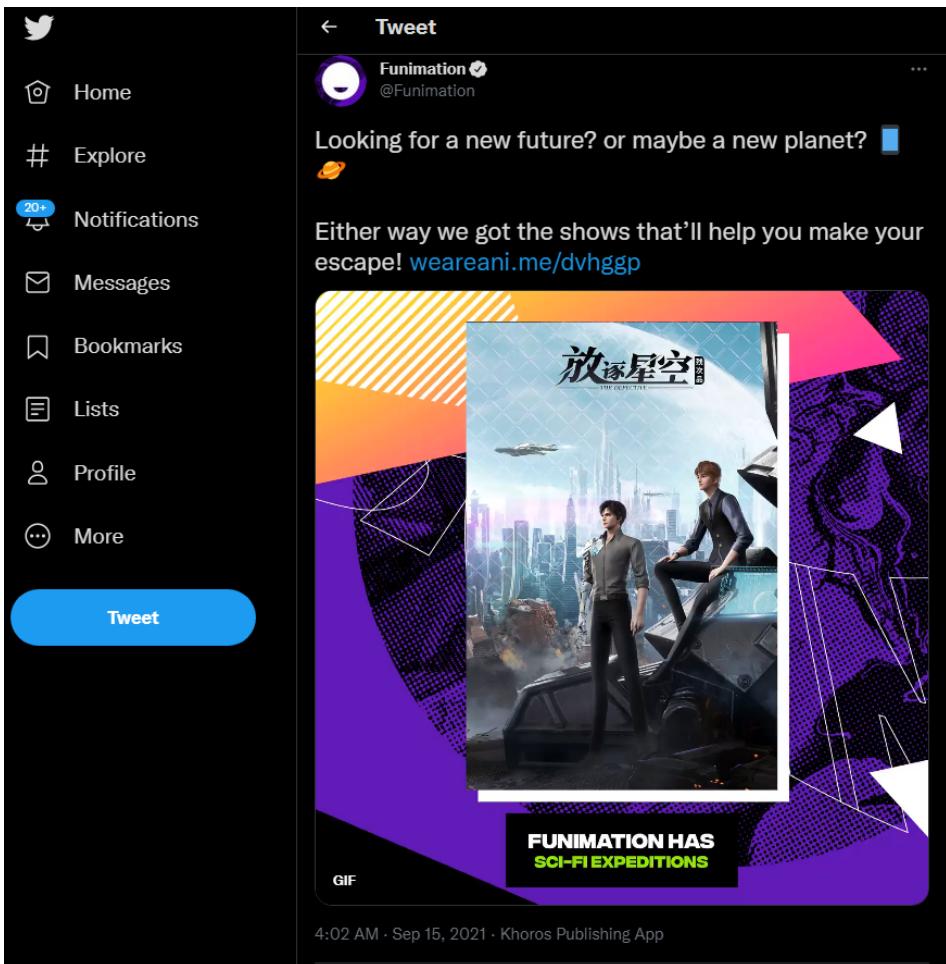
MHA NEWS @animenews_news

With the end of MHA my last expectations for the finale of this anime season is in the final episodes of Sonny Boy, we can expected CRAZY things with BIG NAMES

10:18 AM · Sep 19, 2021

[Tweet your reply](#)

Clicking on an embedded tweet opens a new Twitter page with the full tweet shown.



Docker

Docker has been used to encapsulate the AniNews application which includes both the react-app and the Node server. The Dockerfile used to build the AniNews image can be seen below:

```
FROM node:erbium

# Copy files from client and server
COPY /client /client
COPY /server /server

# Navigate to client to run build
WORKDIR /client
RUN npm run build

# Navigate to server to run dependencies
WORKDIR /server
RUN npm install

# Expose port to outside
EXPOSE 3000

CMD ["npm", "start"]
```

The build uses the same Docker node image, `node:erbium`, that was used in Week 6's practical. On the second and third line, server and client folders are created in the base directory of the docker image and copies the contents of the client and server files for the application into those folders. Navigating to the client folder, the dockerfile is instructed to build the client application. After this is done, the dockerfile navigates to the server folder to `RUN npm install`. This command allows the dependencies outlined by `package.json` and `package-lock.json` to be installed on the Docker image. Port 3000 is exposed to tell Docker the resulting container listens on this specific port for the server. Both the client and server on the AniNews application run on port 3000 after implementing the guide to serving React from Express. Finally, the Dockerfile uses the command "`npm start`" to start the application.

Test plan

Task	Expected Outcome	Result	Screenshot/s (Appendix)
Access tweets page	Results displayed with titles and tweets	PASS	02
Access news page	Results displayed as a list of articles	PASS	03
Access news page - some queries return no articles	Titles of shows without articles are filtered out from loading on page	PASS	03/04
Click article title on news page	Opens a new page with the full article	PASS	05
Click an embedded tweet on tweets page	Opens tweet in twitter in a new page	PASS	01

Difficulties/Exclusions/Unresolved & Persistent Errors/

Specification Change

Since the mashup proposal, there has been a change in API used which also led to a change in one of the use cases. Initially, MyAnimeList's API was to be used instead of Jikan as it is one of the largest anime and manga databases. The MyAnimeList API utilises the OAuth 2.0 protocol to authenticate and authorise all users. However, this involved generating a code verifier and challenge under the PKCE protocol to prevent authorisation code interception attacks. Given time constraints, Jikan was a more viable API to use as it directly queried MyAnimeList for information and provided additional functionality that the MyAnimeList API doesn't have.

During development, v3 of Jikan's API was used to obtain the seasonal and upcoming anime list as per the previous mashup use cases. The endpoint to retrieve the list of upcoming seasonal shows was to be used alongside the News API. As mentioned before in the technical breakdown, the westernised names of the show titles were considered to be used as queries. However, the endpoint only contained the localised names. These titles could only be retrieved by querying another one of Jikan's

endpoints. This `/anime/{id}` endpoint required extracting each show's id to gather the full details of the show. However, this resulted in too many requests being sent to the API as it involved querying both the upcoming anime and the `/anime/{id}` endpoint at the same time.

Jikan v4 on the other hand updated their seasonal anime endpoint where both the localised and translated titles are provided in the response. While attempting to query the upcoming anime endpoint, the API returned only 505 responses as the endpoint was still in development. As such, I had to change the News use case to address these issues.

Client Side Rendering

During client side development, there were multiple issues encountered when rendering tweets and articles from the server responses. In terms of rendering tweets, the server response initially returned the integer value of the Tweet IDs. When the page was loaded, the console contained an error describing how the `TwitterTweetEmbed` component from react-tweet-embed required the string representation of the Tweet ID. This was resolved by adjusting the server response to the client to return the string id instead. After the embedded tweets were successfully implemented, there were noticeable duplicate tweets that appeared on the page. This is most likely due to one of Twitter's parameters called `result_type` which specifies whether the latest tweets; popular tweets or a mix of both are returned. As the `mixed` parameter was selected for this parameter, there is a chance for a tweet that is both recent and popular to appear in the response.

In relation to rendering articles, there is a chance the article retrieved from the server doesn't relate to the given anime title query. As the westernised titles are used for the Jikan-News mashup, some of the title translations are not unique to distinguish as an anime title (e.g. Kanojo mo kanojo has 'Girlfriend Girlfriend' as its westernised title). In addition to this, there are also cases where no articles are returned. This may occur if the westernised title contains ' - ' where the API will mistake this as an exclusion as shown below:

```
{  
  ...  
  "anime": "Tsukimichi -Moonlit Fantasy-",  
  "article": []  
}
```

This issue was resolved by filtering out any response items that do not have an article response item.

References

Twitter Dev. (n.d.). *Twitter IDs*. Docs | Twitter Developer Platform. Retrieved September 19, 2021, from <https://developer.twitter.com/en/docs/twitter-ids>

Appendix A - User Guide

When the application first loads, you will be presented with the following home page.

AniNews TWEETS NEWS

Welcome to AniNews!

Find the latest tweets and news about currently airing shows this season!

To check the latest seasonal anime tweets, click on the 'Tweets' link on the navigation bar. You will see this screen:

AniNews TWEETS NEWS

Loading tweets...

After waiting for a few minutes, anime titles will start to appear like below:

AniNews TWEETS NEWS

Tensei shitara Slime Datta Ken 2nd Season Part 2

Kobayashi-san Chi no Maid Dragon S

Tantei wa Mou, Shindeiru.

Vanitas no Karte

Kanojo mo Kanojo

Bokutachi no Remake

Genjitsu Shugi Yuusha no Oukoku Saikenki

Seirei Gensouki

Sonny Boy

Tsuki ga Michibiku Isekai Douchuu

After waiting a few more minutes, tweets should appear underneath each title on the page, as shown below:

Tensei shitara Slime Datta Ken 2nd Season Part 2

Mannou-Sama @MannouSama

#tensura #daily_anime
@DarkLord024 @DarkTheEnigma
@natemedina04 @cute_jirookie
@miggylicious18 @MilaworlB
@JustMasuXD @C1KZr28 Tensei shitara Slime Datta Ken 2nd Season Part 2 final episode 12 Spoilers and Release Date animetroops.com/?p=1758 via @MannouSama

Tensei shitara Slime Datta Ken 2nd Season Part 2 Final ...
animetroops.com

3:35 AM · Sep 20, 2021

1 heart 1 reply Copy link... Tweet your reply

ANIMOKYO @animokyo

Kamehame haaaaaaaaaaaaaaaaaaaaaaa~ Veldora is a total otaku now~

ANIME: Tensei shitara Slime Datta Ken 2nd Season Part 2 (That Time I Got Reincarnated as a Slime Season 2 Part 2) # tensei shitara Slime Datta Ken 2nd Season Part 2 final episode 12 #spoilers #anime #manga #lightnovel

1:39 PM · Sep 16, 2021

1 heart 1 reply Copy link to... Tweet your reply

What's On Anime? @WhatsOnAnime

Tensei shitara Slime Datta Ken 2nd Season Part 2 EP11 will be airing at 2021-09-14 15:00:00 (BST) #Anime #MAL #Japan

11:00 PM · Sep 14, 2021

Copy link to... Tweet your reply

Kobayashi-san Chi no Maid Dragon S

Michael Vito @mjvito

ICYMI: Weekly Review of Transit, Place and Culture in Anime 432 likeafishinwater.com/2021/09/17/we... Toyosato tobidashi, Toyosato temporary closing, Comic Treasure 38, Super Cub fashion | Pilgrimages: Kobayashi-san Chi no Maid Dragon S, Love Live! Superstar!, Kageki Shōjo!!

10:17 AM · Sep 18, 2021

1 heart 1 reply Copy link... Tweet your reply

Lyceaus Greymoon @LyceausGreymoon

If anyone watching me wants a really cute and feel good anime, a friend of mine reminded me we watched this "jellyfish princess". also if you want something sweet and cute that is SOOO Japanese, theres miss kobayashi's dragon maid (kobayashi-san chi no maid dragon)

1:28 AM · Sep 18, 2021

1 heart 1 reply Copy link to... Tweet your reply

Michael Vito @mjvito

New post: Weekly Review of Transit, Place and Culture in Anime 432 likeafishinwater.com/2021/09/17/we... Toyosato tobidashi, Toyosato temporary closing, Comic Treasure 38, Super Cub fashion | Pilgrimages: Kobayashi-san Chi no Maid Dragon S, Love Live! Superstar!, Kageki Shōjo!!

10:07 PM · Sep 17, 2021

1 heart 1 reply Copy link to... Tweet your reply

Tantei wa Mou, Shindeiru.

Soma-kun @Soma_yukihir

#Tantei wa Mou, Shindeiru 📺😊
#Cap 12 Final 🎉😊😊
#Anime 🎉😊😊

12:23 PM · Sep 20, 2021

1 heart 1 reply Copy link to... Tweet your reply

Soma-kun @Soma_yukihir

#Tantei wa Mou, Shindeiru 📺😊
#Cap 12 Final 🎉😊😊
#Anime 🎉😊😊

12:22 PM · Sep 20, 2021

1 heart 1 reply Copy link to... Tweet your reply

Soma-kun @Soma_yukihir

#Tantei wa Mou, Shindeiru 📺😊
#Cap 12 Final 🎉😊😊
#Anime 🎉😊😊

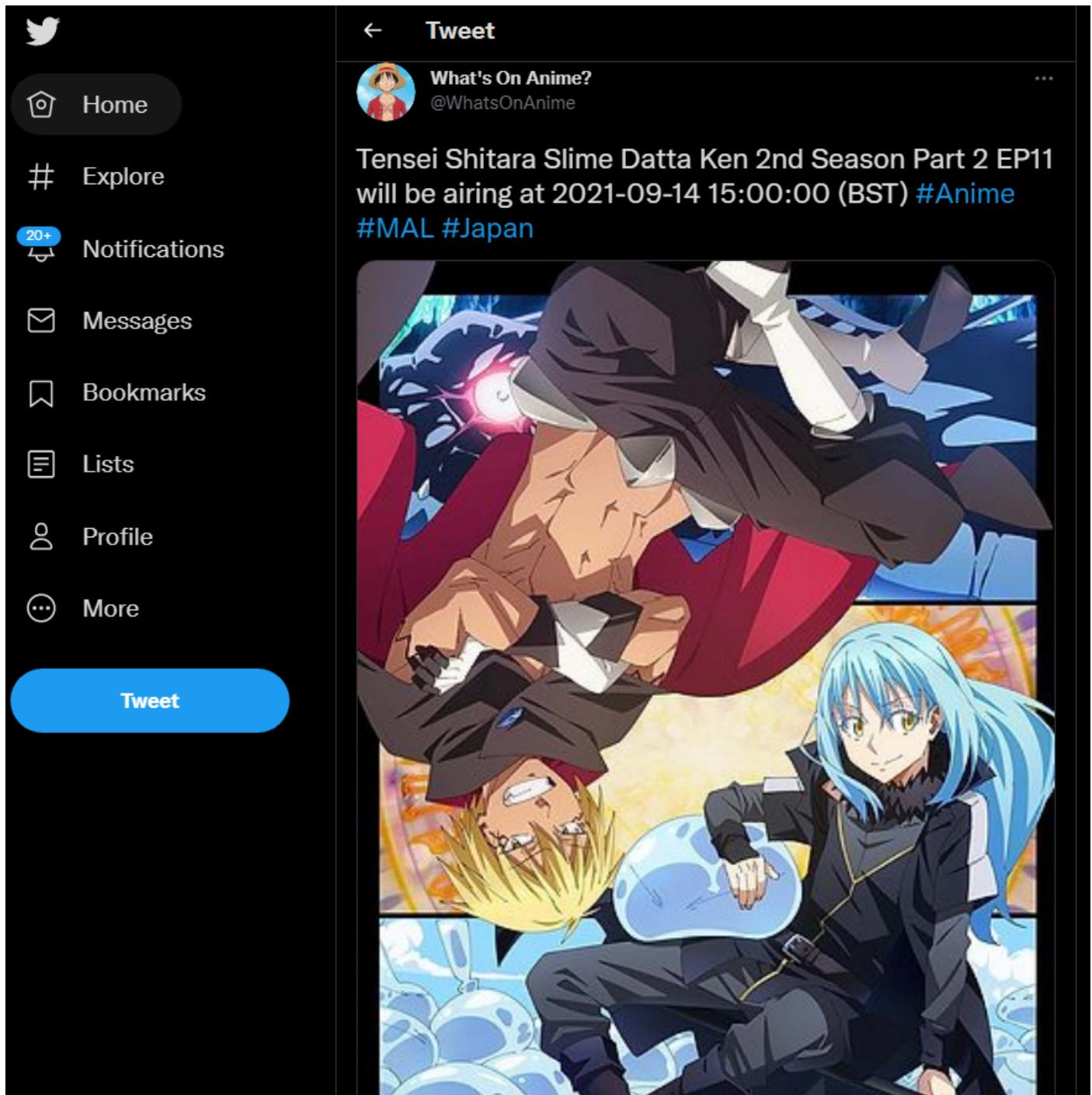
12:20 PM · Sep 20, 2021

1 heart 1 reply Copy link to... Tweet your reply

Vanitas no Karte

Resulting tweets may differ as these tweets are obtained in real-time.

Clicking on an embedded tweet opens a new page with the full tweet shown on Twitter:



To check news articles, click on the 'News' tab in the navigation bar. You will be presented with this screen:



After waiting for a couple minutes, the page will populate with news articles like as shown below:

AniNews

TWEETS

NEWS

That Time I Got Reincarnated as a Slime Game Coming to Mobile Devices in 2021

Bandai Namco announced on Tuesday that the anime series That [...] The post That Time I Got Reincarnated as a Slime Game Coming to Mobile Devices in 2021 appeared first on ComingSoon.net.



ComingSoon.net • 2021-09-07 • That Time I Got Reincarnated as a Slime Season 2 Part 2

Miss Kobayashi's Dragon Maid S – Episode 7

First, and perhaps I've neglected to comment on this extensively in past reviews, but Kyoto Animation delivered some fantastic sequences this week.

Anime News Network • 2021-08-19 • Miss Kobayashi's Dragon Maid S



A Beginner's Guide to Funimation: What to Know About the Anime Streaming Service

Love anime? Here's why Funimation might just be the perfect option for you.

IndieWire • 2021-08-31 • The Detective Is Already Dead



The Case Study of Vanitas Part 2 Gets Release Window

The official Twitter account for The Case Study of Vanitas [...] The post The Case Study of Vanitas Part 2 Gets Release Window appeared first on ComingSoon.net.

ComingSoon.net • 2021-09-17 • The Case Study of Vanitas

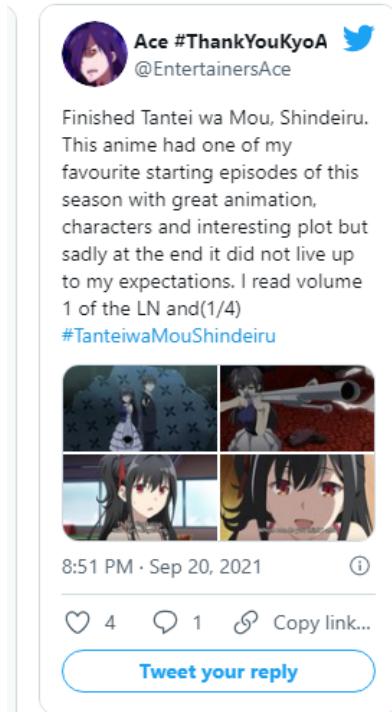


Appendix B - Test Cases

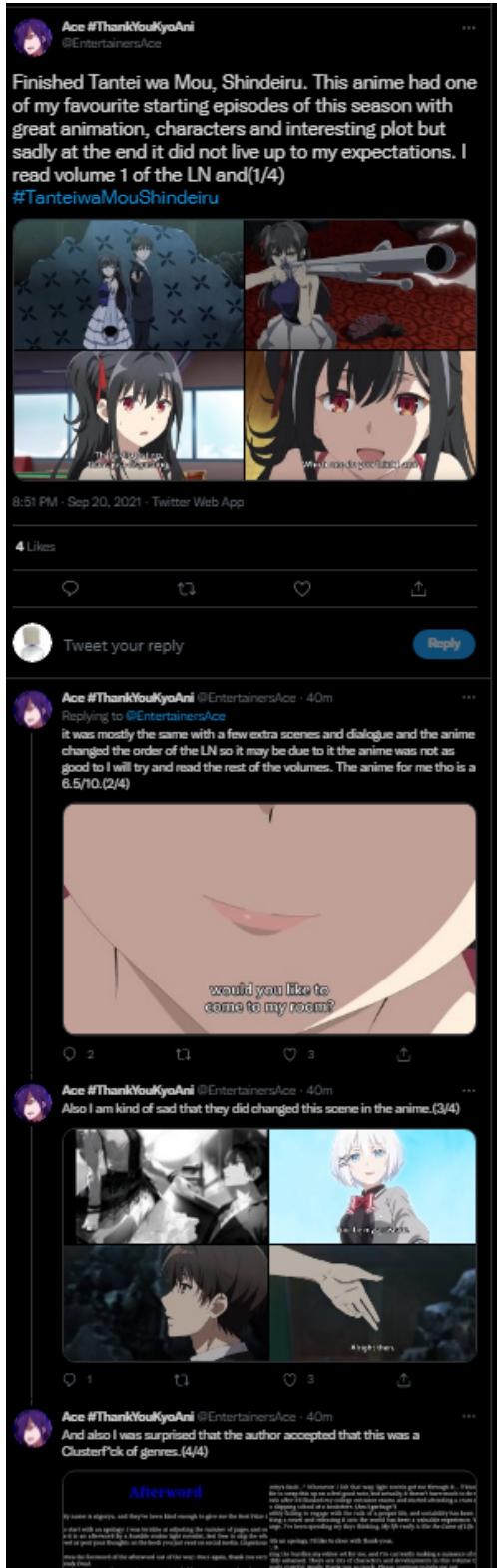
01 - Clicking Embedded Tweet for full tweet

From Application

Tantei wa Mou, Shindeiru.



On Twitter (New Page)



02 - Loaded Tweets Page

Tensei shitara Slime Datta Ken 2nd Season Part 2

Mannou-Sama @MannouSama

#Tensura @daily_anime
@DarkLord024 @DarkTheEnigma
@natermedina04 @cutie_lirookie
@miggyllicious18 @Mlaworl3
@JustMasuXD @CKZR28 Tensei
shitara Slime Datta Ken 2nd
Season Part 2 final episode 12
Spoilers and Release Date
animetroops.com/?p=1758 via
@MannouSama

TENSEI SHITARA SLIME DATTA KEN 2ND SEASON PART 2 FINAL EPISODE 12 SPOILERS AND RELEASE DATE

1:35 AM · Sep 20, 2021

1 1 Copy link... Tweet your reply

ANIMOKYO @animokyo

Kamehamehaaaaaaaa~
Veldora is a total otaku now~

ANIME: Tensei shitara Slime Datta
Ken 2nd Season Part 2 (That Time I
Got Reincarnated as a Slime
Season 2 Part 2) #地獄 #Tensura
#anime #manga #lightnovel

1:39 PM · Sep 16, 2021

1 1 Copy link... Tweet your reply

What's On Anime? @WhatsOnAnime

Tensei Shitara Slime Datta Ken 2nd
Season Part 2 EP11 will be airing at
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#MAL #Japan

11:00 PM · Sep 14, 2021

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Kobayashi-san Chi no Maid Dragon S

Michael Vito @mjvito

ICYMI: Weekly Review of Transit,
Place and Culture in Anime 432
likefishinwater.com/2021/09/17/w...
ee... Toyosato tobidashi, Toyosato
temporary closing, Comic Treasure
38, Super Cub fashion |
Pilgrimages: Kobayashi-san Chi no
Maid Dragon S, Love Live!
Superstar!, Kageki Shōjō!!

10:17 AM · Sep 18, 2021

1 1 Copy link... Tweet your reply

Lyceas Greymoon @LyceasGreymoon

if anyone watching me wants a
really cute and feel good anime, a
friend of mine reminded me we
watched this "jellyfish princess".
also if you want something sweet
and cute that is SOOO Japanese,
theres miss kobayashi's dragon
maid (kobayashi-san chi no maid
dragon)

1:28 AM · Sep 18, 2021

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Michael Vito @mjvito

New post: Weekly Review of
Transit, Place and Culture in Anime
432
likefishinwater.com/2021/09/17/w...
ee... Toyosato tobidashi, Toyosato
temporary closing, Comic Treasure
38, Super Cub fashion |
Pilgrimages: Kobayashi-san Chi no
Maid Dragon S, Love Live!
Superstar!, Kageki Shōjō!!

10:07 PM · Sep 17, 2021

1 1 Copy link to ... Tweet your reply

Tantei wa Mou, Shindeiru.

Lapine (Paline) @LapinePLG

Koko de ikiteru - Tantei wa Mou,
Shindeiru (cover)
buff.ly/3AwSQtm
Credit
Original by: Mary x Jon YAKITORY
Vocal by: Mona Lapine
Mix & Mastering by: Chogun
Motion by: OTOIRD
VDO : Codename "LIME"
Art by: Codename "FUCHSIA"
#KokoDeikiteru
#TanteiwaMouShindeiru #Anime

9:00 PM · Sep 20, 2021

33 1 Copy link ... Tweet your reply

Ace #ThankYouKyoA @EntertainersAce

Finished Tantei wa Mou, Shindeiru.
This anime had one of my
favourite starting episodes of this
season with great animation,
characters and interesting plot but
sadly at the end it did not live up
to my expectations. I read volume
1 of the LN and(1/4)
#TanteiwaMouShindeiru

8:51 PM · Sep 20, 2021

4 1 Copy link ... Tweet your reply

Soma-kun @Soma_yukihir

#Tantei wa Mou, Shindeiru 📺😊
#Cap 12 Final 😂😊
#Anime 🌟😊

12:23 PM · Sep 20, 2021

1 1 Copy link to ... Tweet your reply

03 - Loaded News Page

[That Time I Got Reincarnated as a Slime Game Coming to Mobile Devices in 2021](#)

Bandai Namco announced on Tuesday that the anime series That [...] The post That Time I Got Reincarnated as a Slime Game Coming to Mobile Devices in 2021 appeared first on ComingSoon.net.

ComingSoon.net • 2021-09-07 • That Time I Got Reincarnated as a Slime Season 2 Part 2



[Miss Kobayashi's Dragon Maid S – Episode 7](#)

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[A Beginner's Guide to Funimation: What to Know About the Anime Streaming Service](#)

Love anime? Here's why Funimation might just be the perfect option for you.

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[The Case Study of Vanitas Part 2 Gets Release Window](#)

The official Twitter account for The Case Study of Vanitas [...] The post The Case Study of Vanitas Part 2 Gets Release Window appeared first on ComingSoon.net.

ComingSoon.net • 2021-09-17 • The Case Study of Vanitas



[10 movies to stream while you're mentally preparing for The Matrix 4](#)

If The Matrix Resurrections trailer got you hype for a new Matrix movie, watch the Matrix sequels on HBO Max, then stream Wachowskis' Bound, The Animatrix, Dark City, John Wick, and great action movies on Netflix. Here's where to watch them.

Polygon • 2021-09-11 • Girlfriend, Girlfriend



[The Radical Sincerity of Evangelion's Final End](#)

Shinji Ikari, at peace with his world. Screenshot: Khara (Fair Use) Neon Genesis Evangelion has ended. It's done this before, of course — it's done it several times, from its original TV series to its movie continuation End of Evangelion, its manga adaptation...

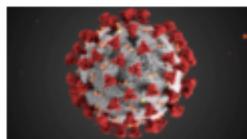
Gizmodo.com • 2021-08-20 • Remake our Life!



[Anime Studio Locks Down After Covid Outbreak But Industry Is Silent On Danger, Says Filmmaker](#)

"Will they not understand until animation workers too begin to die, one after another?" says director Takashi Watanabe about employers. The post Anime Studio Locks Down After Covid Outbreak But Industry Is Silent On Danger, Says Filmmaker appeared first on Ca...

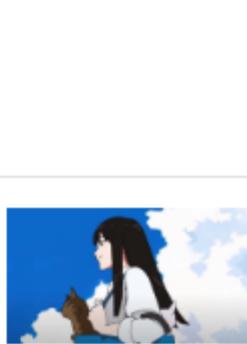
Cartoon Brew • 2021-08-30 • How a Realist Hero Rebuilt the Kingdom



[What is Coming to Netflix Canada in September 2021](#)

Part 1 of MONEY HEIST's final season is coming to Netflix Canada in September 2021 (with the second part expected in December). Another excellent foreign series, INTO THE NIGHT, is also returning for its second season. LUCIFER is returning for its final sea...

Thetvaddict.com • 2021-08-31 • Spirit Chronicles



[Sonny Boy English Dub Cast Announced](#)

Funimation announced on Tuesday that the Sonny Boy English dub is officially headed to the platform later this week, along with the full details on the cast for the dub.

ComingSoon.net • 2021-09-15 • Sonny Boy

04 - Responses without articles

```
{  
  "anime": "Tsukimichi -Moonlit Fantasy-",  
  "article": []  
}
```

This response is filtered out from loading onto the News page (refer to Appendix 3 for resulting page)

05 - Clicking article titles to see full article

Article on application

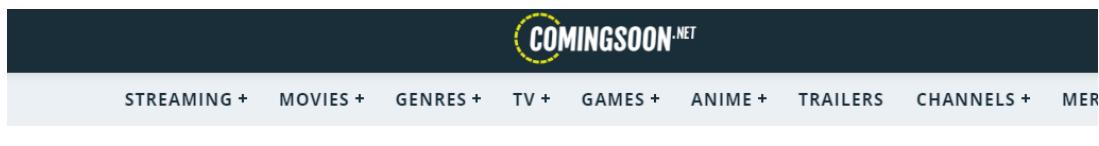
[That Time I Got Reincarnated as a Slime Game Coming to Mobile Devices in 2021](#)

Bandai Namco announced on Tuesday that the anime series [That Time I Got Reincarnated as a Slime](#) would be getting its own game in the form of a new mobile game coming later this year.



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The screenshot shows the header of the ComingSoon.net website. At the top is the 'COMINGSOON.NET' logo. Below it is a navigation bar with links for STREAMING, MOVIES, GENRES, TV, GAMES, ANIME, TRAILERS, CHANNELS, and MER. Underneath the navigation bar are several category buttons: BANDAI NAMCO, THAT TIME I GOT REINCARNATED AS A SLIME, THAT TIME I GOT REINCARNATED AS A SLIME ISEKAI MEMORIES, VIDEO GAME NEWS, and VIDEOS.

That Time I Got Reincarnated as a Slime Game Coming to Mobile Devices in 2021

by Anthony Nash September 7, 2021



Bandai Namco announced on Tuesday that the anime series **That Time I Got Reincarnated as a Slime** would be getting its own game in the form of a new mobile game coming later this year.

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The game, titled **That Time I Got Reincarnated as a Slime ISEKAI Memories**, will launch in 2021, with pre-registration available now for both **iOS** and **Android devices**.