

# Wait Wait Stats Project

**Linh Pham**

Pronouns: he/him, they/them

Stats Page: [stats.wwdt.me](https://stats.wwdt.me)

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# What is Wait Wait?

- Weekly news quiz show on NPR based in Chicago
- First aired on January 3rd, 1998
- Show format
  - Rotating panel of 3 panelists
  - Questions from current events and funny news stories
  - 7 segments, including Not My Job with celebrity guests and Bluff the Listener



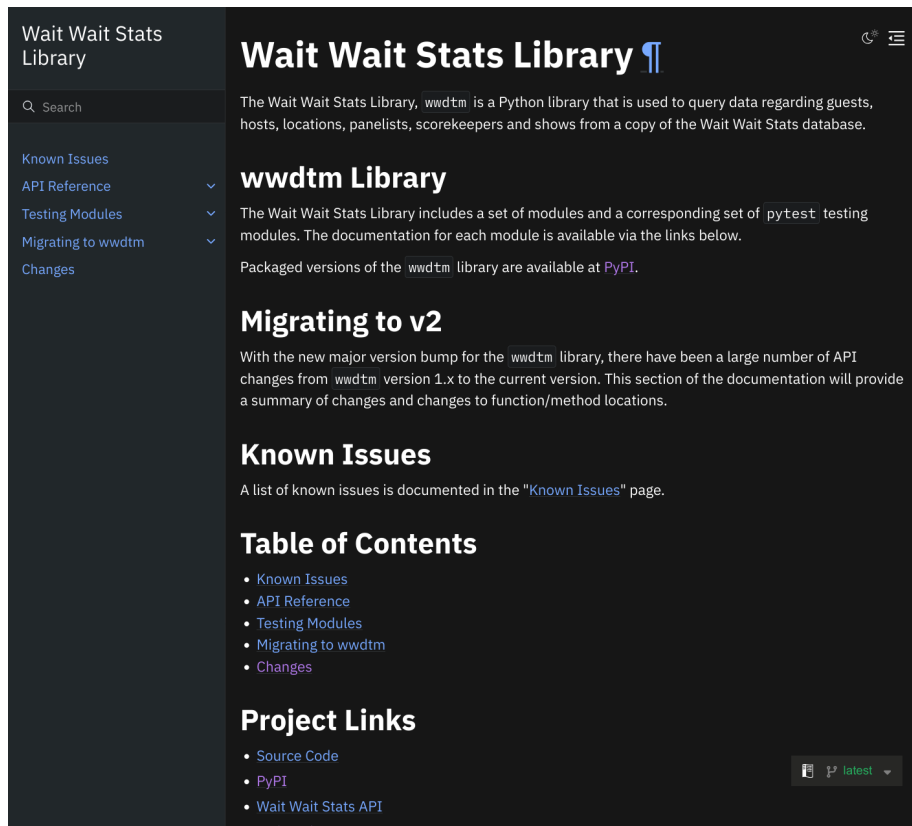
# What is the Wait Wait Stats Project?

- Started in 2007 with the original Stats Page
- MySQL database containing scores, appearances and notes from NPR's "Wait Wait... Don't Tell Me!" weekly quiz show
- Data access layer and stats library written in Python and using NumPy for calculating statistics
- A collection of websites, developed in Python, that present the collected information in various formats

# Wait Wait Stats Library

[docs.wwdt.me](https://docs.wwdt.me)

- Foundational library for the Stats Page, Graphs Site and Stats API
- Using reStructuredText for docstrings and Sphinx for generating documentation
- Hosted through Read The Docs



The screenshot shows the documentation page for the Wait Wait Stats Library. The page has a dark theme. On the left is a sidebar with the title 'Wait Wait Stats Library' and a search bar. Below the search bar are links to 'Known Issues', 'API Reference', 'Testing Modules', 'Migrating to wwdtm', and 'Changes'. The main content area has the title 'Wait Wait Stats Library' with a logo. Below the title is a paragraph describing the library as a Python tool for querying guest, host, location, panelist, scorekeeper, and show data. It then has sections for 'wwdtm Library', 'Migrating to v2', 'Known Issues', 'Table of Contents', and 'Project Links'. The 'Table of Contents' and 'Project Links' sections contain bulleted links to various parts of the documentation and project resources. At the bottom right, there is a 'latest' version selector.

Wait Wait Stats Library

Search

Known Issues

API Reference

Testing Modules

Migrating to wwdtm

Changes

## Wait Wait Stats Library

The Wait Wait Stats Library, `wwdtm` is a Python library that is used to query data regarding guests, hosts, locations, panelists, scorekeepers and shows from a copy of the Wait Wait Stats database.

### wwdtm Library

The Wait Wait Stats Library includes a set of modules and a corresponding set of `pytest` testing modules. The documentation for each module is available via the links below.

Packaged versions of the `wwdtm` library are available at [PyPI](#).

### Migrating to v2

With the new major version bump for the `wwdtm` library, there have been a large number of API changes from `wwdtm` version 1.x to the current version. This section of the documentation will provide a summary of changes and changes to function/method locations.

### Known Issues

A list of known issues is documented in the "Known Issues" page.

### Table of Contents

- [Known Issues](#)
- [API Reference](#)
- [Testing Modules](#)
- [Migrating to wwdtm](#)
- [Changes](#)

### Project Links


- [Source Code](#)
- [PyPI](#)
- [Wait Wait Stats API](#)

latest

# Wait Wait Stats Page

[stats.wwdt.me](https://stats.wwdt.me)


- Built with Flask and Bootstrap
- Earlier versions written in PHP
- Provides details for key elements, including:
  - Guests
  - Hosts
  - Locations
  - Panelists
  - Scorekeepers

 Wait Wait Stats Page

Shows > 2025 > February > 1

Show Details

2025-02-01

NPR 

DB ID: 1415

Location

Studebaker Theater (Chicago, Illinois)

Host

Peter Sagal

Scorekeeper

"I'm the voice that puts the "fun" in "defund public broadcasting"  
Guest: [Chioke I'Anson](#)

Panelists

First: [Adam Felber](#) 15 (3 / 6)  
Second: [Rekha Shankar](#) 10 (2 / 4)  
Third: [Joyelle Nicole Johnson](#) 9 (3 / 3)

Not My Job Guest(s)

[Amber Maykut](#) 3

Bluff

#1 Chosen: [Joyelle Nicole Johnson](#) Chosen: [Adam Felber](#)

Description

Who's Chioke This Time?; Panel Questions; Bluff the Listener about a unique side hustle; Not My Job about live animals getting into people's homes; Panel Questions; Listener Limerick Challenge; Lightning Fill-in-the-Blank; Panelist Predictions: Now that eggs are so expensive, what will be the next surprising breakfast staple?

# Wait Wait Reports Site

[reports.wwdt.me](https://reports.wwdt.me)

- Built with Flask and Bootstrap
- Live reports on providing detailed statistics that didn't fit in with the Stats Page
- Example Reports
  - Not My Job Guest Scoring Exceptions
  - Average Score by Recording Location
  - Lightning Round Ending in a Three-Way Tie

Wait Wait Reports

[Locations](#) > [Average Scores by Location](#)

### Average Scores by Location

This report provides a list of show locations and the corresponding average panelist score and average total score, in descending order.

One exception from the scoring is the 25th Anniversary Special, which aired on [October 27, 2018](#). The show's total score has been excluded due to the unique Lightning Fill-in-the-Blank format.

Venue	City	State	Average Score	Average Total	Shows
<a href="#">North Charleston Performing Arts Center</a>	Charleston	SC	17.66667	53	1
<a href="#">Sangamon Auditorium</a>	Springfield	IL	16.66667	50	1
<a href="#">Dr. Phillips Center for the Performing Arts</a>	Orlando	FL	16.5	49.5	2
<a href="#">Providence Performing Arts Center</a>	Providence	RI	16	48	1
<a href="#">Hill Auditorium at University of Michigan</a>	Ann Arbor	MI	15.5	46.5	2
<a href="#">Byham Theater</a>	Pittsburgh	PA	15.33333	46	1
<a href="#">Merrill Hall at Asilomar Conference Grounds</a>	Pacific Grove	CA	15.33333	46	1
<a href="#">Orpheum Theatre</a>	Memphis	TN	15.33333	46	1
<a href="#">Pikes Peak Center</a>	Colorado Springs	CO	15.33333	46	1
<a href="#">University of Chicago</a>	Chicago	IL	15.33333	46	1
<a href="#">Davies Symphony Hall</a>	San Francisco	CA	15	45	1
<a href="#">Eaton Chapel at Beloit College</a>	Beloit	WI	15	45	1

# Wait Wait Graphs Site

[graphs.wwdt.me](https://graphs.wwdt.me)

- Built with Flask, Bootstrap and Plotly JS
- Panelist and show statistics presented in a visual manner, including:
  - Heatmaps
  - Stacked bar graphs



# Wait Wait Stats API

[api.wwdt.me](https://api.wwdt.me)

- Built with FastAPI
- API documentation automatically generated
- Swagger UI available for querying the API via web browser

## Wait Wait Don't Tell Me Stats API 2.17.1 OAS 3.1

[/v2.0/openapi.json](#)

Wait Wait Don't Tell Me Stats API provides endpoints to query data for Not My Job Guests, Show Hosts, Recording Locations, Panelists, Scorekeepers, and Shows.

Source code for this application is available on [GitHub](#).

[Linh Pham - Website](#)

[Send email to Linh Pham](#)

Apache 2.0

### Guests Retrieve information and appearances for Not My Job Guests

GET	/v2.0/guests	Retrieve Information for All Not My Job Guests	▼
GET	/v2.0/guests/id/{guest_id}	Retrieve Information by Not My Job Guest ID	▼
GET	/v2.0/guests/slug/{guest_slug}	Retrieve Information by Guest Slug String	▼
GET	/v2.0/guests/details	Retrieve Information and Appearances for All Not My Job Guests	▼
GET	/v2.0/guests/details/id/{guest_id}	Retrieve Information and Appearances by Not My Job Guest ID	▼
GET	/v2.0/guests/details/random	Retrieve Information and Appearances for a Random Not My Job Guest	▼
GET	/v2.0/guests/details/slug/{guest_slug}	Retrieve Information and Appearances by Guest Slug String	▼
GET	/v2.0/guests/random	Retrieve Information for a Random Not My Job Guest	▼
GET	/v2.0/guests/random/id	Retrieve a Random Not My Job Guest ID	▼



# Thanks!

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