

Wait Wait Stats Project

Linh Pham

Pronouns: he/him, they/them

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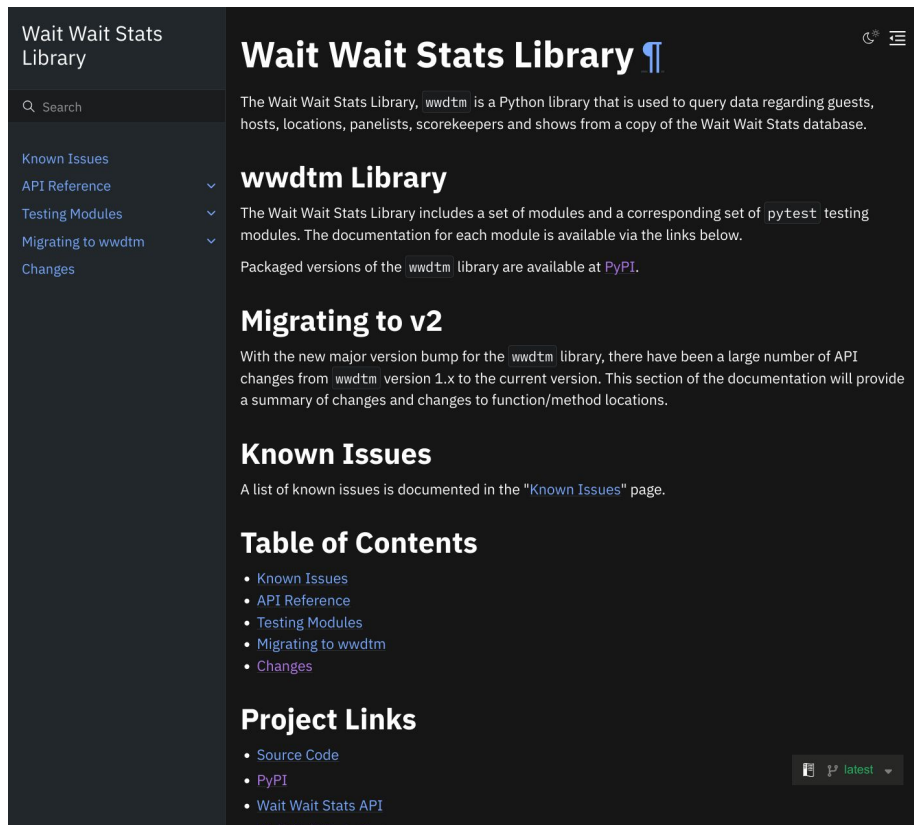
What is the Wait Wait Stats Project?

- 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

- 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 Wait Wait Stats database data. This is followed by a section titled 'wwdtm Library' which explains that the library includes modules for testing with pytest and provides links to documentation for each module. It also mentions that packaged versions are available on PyPI. Next is a section titled 'Migrating to v2' which discusses API changes from version 1.x to the current version. This is followed by 'Known Issues' which points to a 'Known Issues' page. Then is 'Table of Contents' with a list of links: 'Known Issues', 'API Reference', 'Testing Modules', 'Migrating to wwdtm', and 'Changes'. Finally, there is a 'Project Links' section with links to 'Source Code', 'PyPI', and 'Wait Wait Stats API'. In the bottom right corner, there is a version selector showing 'latest'.

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

- 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	Scorekeeper
Peter Sagal	"I'm the voice that puts the "fun" in "defund public broadcasting" Guest: Chioke I'Anson
Panelists	Not My Job Guest(s)
First: Adam Felber 15 (3 / 6) Second: Rekha Shankar 10 (2 / 4) Third: Joyelle Nicole Johnson 9 (3 / 3)	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

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

graphs.wwdt.me

- Shows > Monthly Average Score Heatmap

Monthly Average Score Heatmap

This heatmap chart displays average panelist scores on a monthly basis.

Monthly Average Score Heatmap

The heatmap displays average panelist scores on a monthly basis from the year 2000 to 2025. The vertical axis represents the Year (2000, 2005, 2010, 2015, 2020, 2025) and the horizontal axis represents the Month (January, February, March, April, May, June, July, August, September, October, November, December). A color scale on the right indicates the score, ranging from 0 (dark red) to 20 (yellow). The heatmap shows a general trend of increasing scores over time, with a notable peak in the early 2020s, particularly in the months of January and February, where scores reach the highest values (yellow, around 20). Scores are generally lower (darker red, around 5-10) in the early 2000s and mid-2010s.

Wait Wait Stats API

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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