

PodcastTracker.com:

# HOW I BUILT A PODCAST TRACKING WEB APP WITH DRUPAL

by Mark Koester (@Int3c)

# SLIDES:

<https://rawgit.com/markwk/building-podcasttracker.com-presentation/master/index.html>

# MY YEAR IN PODCAST LISTENING (2016 PREVIEW)



# MY YEAR IN PODCAST LISTENING (2016 PREVIEW)

EPISODES COMPLETED: 191



Most Listened to Podcast

Presidential



45 episodes for 31:09

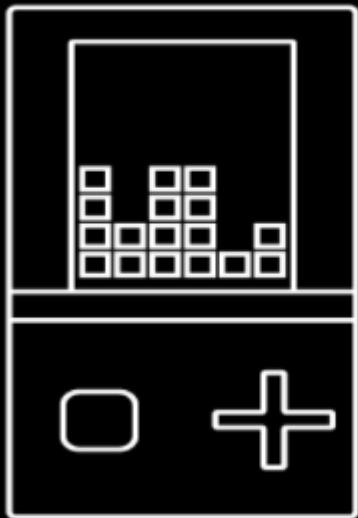
Top Genre:

History



# MY YEAR IN PODCAST LISTENING (2016 PREVIEW)

## TOP SCORING PODCASTS



#2



SERIAL  
26 EPISODES  
18H 39M

#2



FREAKONOMICS  
26 EPISODES  
18H 14M

#4



PLANET MONEY  
17 EPISODES  
5H 15M

#5



REVISIONIST HISTORY  
11 EPISODES  
5H 52M

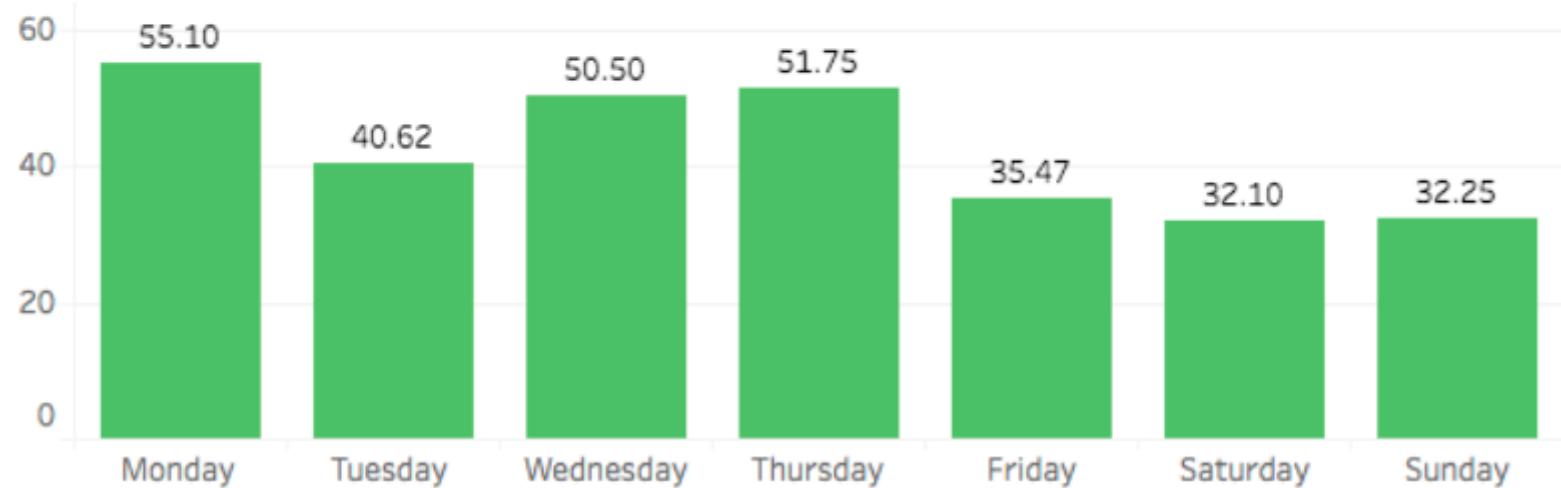
LEARN MORE AT [MARKWK.COM](http://MARKWK.COM).

# MY YEAR IN PODCAST LISTENING (2017 PREVIEW)

## My Podcast Listening: 2017

I listened to **298** hours and **689** podcast episodes.

I consumed **49 minutes** of podcasts per day.



# OUTLINE

- Self-Tracking & Quantified Self
- Media Tracking
- Can I Track My Podcast Listening?
- The Prototype & The Scraper
- For the *Love* of Cron
- What I've Learned?



# I'M A DIGITAL DOCUMENTARIST.

I am **Mark Koester**. I'm a tech entrepreneur, a **web developer** (mostly), a **writer** and...

A close-up photograph of a man with brown hair, wearing a white button-down shirt and a dark striped tie. He has a wide-eyed, shocked expression with his mouth slightly open. The background is a mottled grey.

**... AND AN OBSESSIVE TRACKER!**

# QUANTIFIED SELF: WHAT IS IT?

Def 1: Tracking raw data to try and draw correlations and ways to improve our lives from it.

Def 2: Measuring or documenting something about your self such that it gains meaning.



**WHAT DO I TRACK...?**

# HEALTH & FITNESS

- Steps (Apple Watch)
- Blood Pressure
- Weight (digital scale and manual logging)
- Heart Rate & Heart Rate Variability
- Running & Cycling (Strava)
- Sleep (AutoSleep app)
- Supplements and Medicine (RoundHealth)
- Strength Workouts (FitBod)
- Daily Standing

# TIME & PRODUCTIVITY

- Computing Time (RescueTime)
- Project Time (Toggl)
- Mobile Screen Time (Moment app)
- Tasks (Todoist)
- Habits and Goals (via Streaks, Habitica, Productive)
- Creative Written Words (Mac Word Counter app)

# LEARNING & MEDIA CONSUMPTION

- Books Read (GoodReads)
- Articles Read (Pocket, Evernote)
- TV and Movie Watching (Trakt.tv)
- Music (Last.fm)

# OTHER RANDOM STUFF

- NEW Photos Taken and Where ([PhotoStats.io](#))
  - Money & Finances (Mint)
  - Location (Moves app, Reporter App)

# EXPLORING AND VISUALIZING MY DATA: EXAMPLES

A Year in Numbers: My Data From 2017

2017 ANNUAL REPORT

You had 4,270,544 steps!

AVERAGE DAY

# 11.8k steps

TOP DAY

# 50k steps

SUNDAY, MARCH 19

# A Year in Computer Time: 2017

2179h 5m logged time in 2017. 63% Productive. 19% not so much!

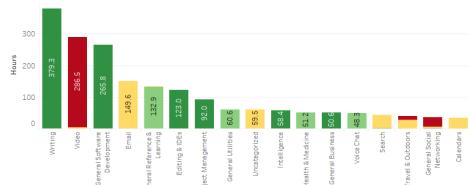


Productivity  
■ Very Productive ■ Productive ■ Neutral ■ Distracting ■ Very Distracting

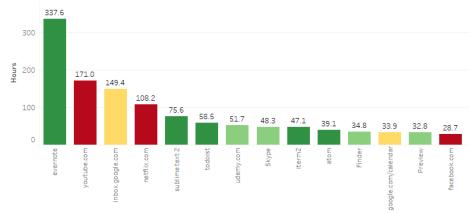
## Weeks: Taking an End of Year Break



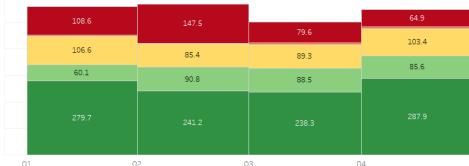
## Categories: Year for Writing and Coding!



## Programs: An Evernote Power User!



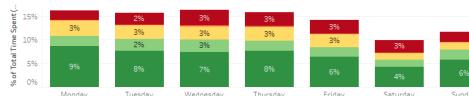
## Quarterly: Bit More Distracted in Q2!



## Monthly: July and December, Summer and Winter Lows



## Day of the Week: Most Productive on Mondays, Least on Saturdays



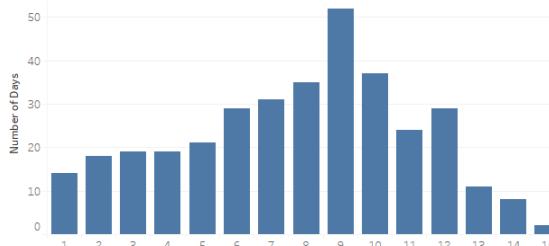
source: reading my mind | Trajectories and That's From Down At The Bottom | Unpublished Document No. 1



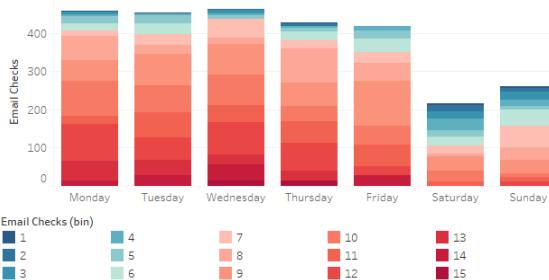
# How Often Do I Check My Email?

2017 Data Exploration of Hours When I Check My Email

## Hourly Checking: Most Days I Check My Email 9 hourly times

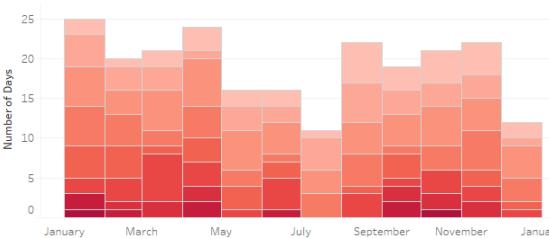


## Days of the Week: I check my email less on the weekend.

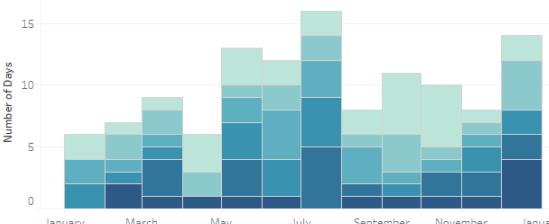


## Less Email Checking in July and December

### Days Where I Check My Email in 7 or More Hours



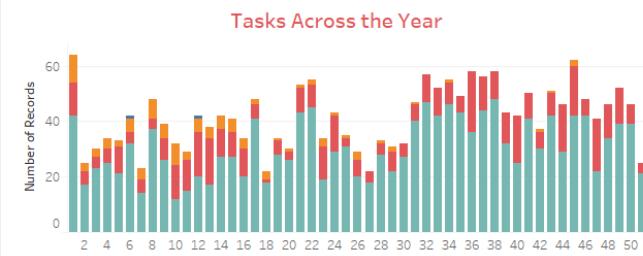
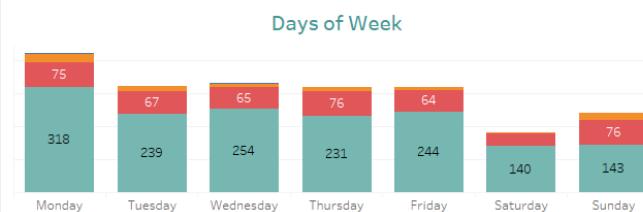
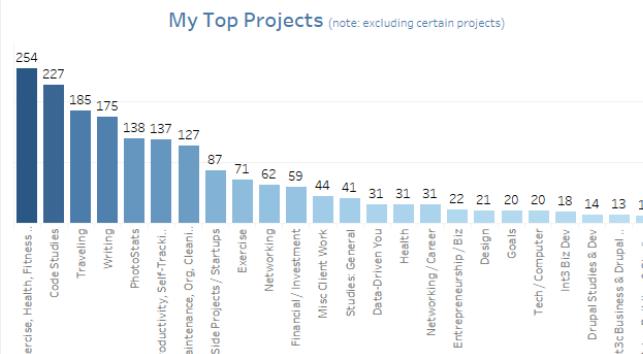
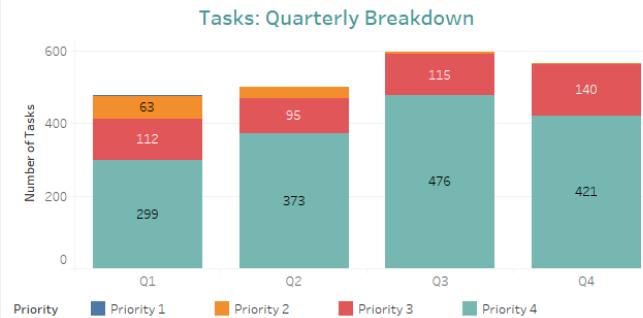
## Days Where I Check My Email in 6 or Less Hours

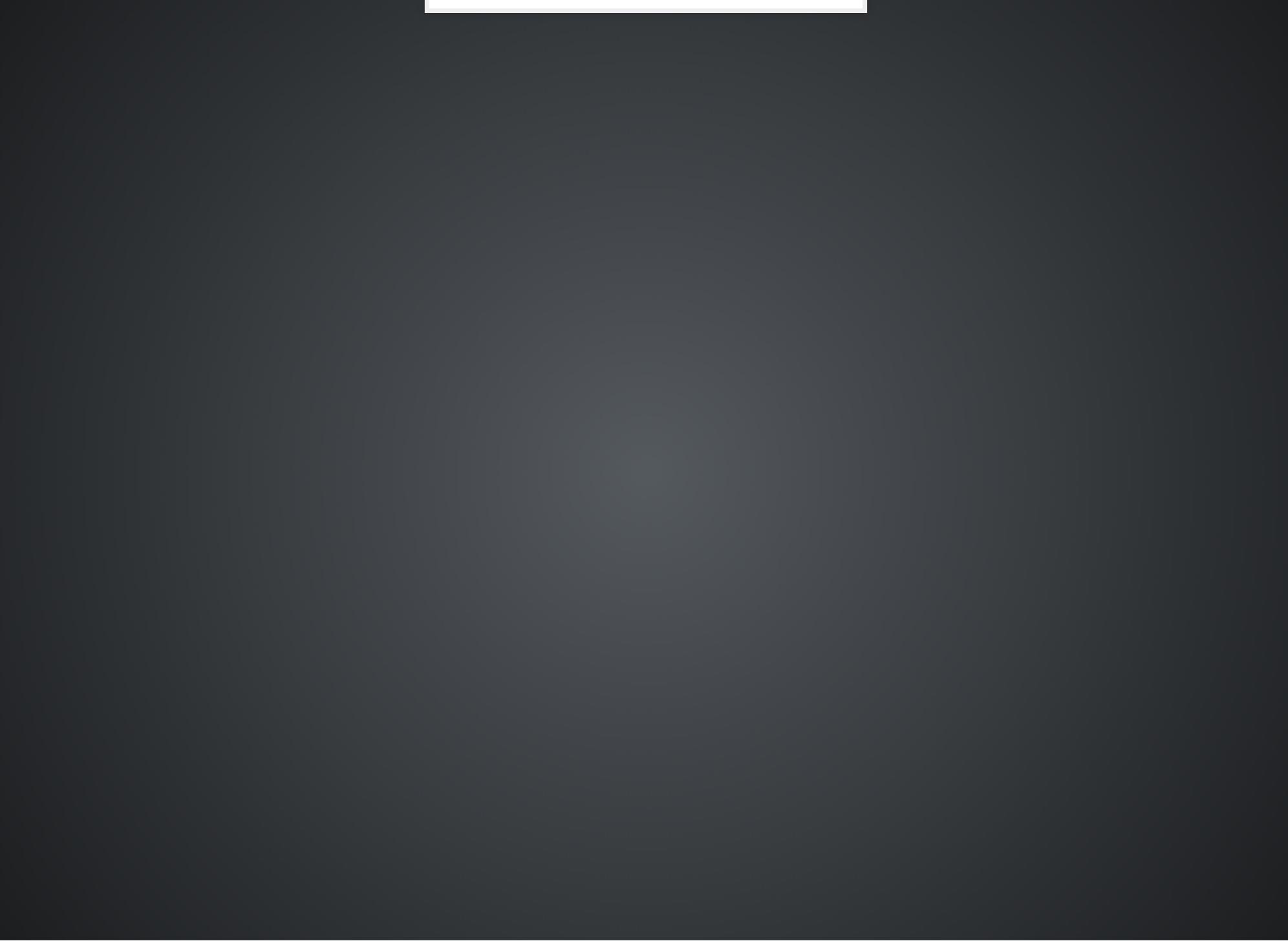




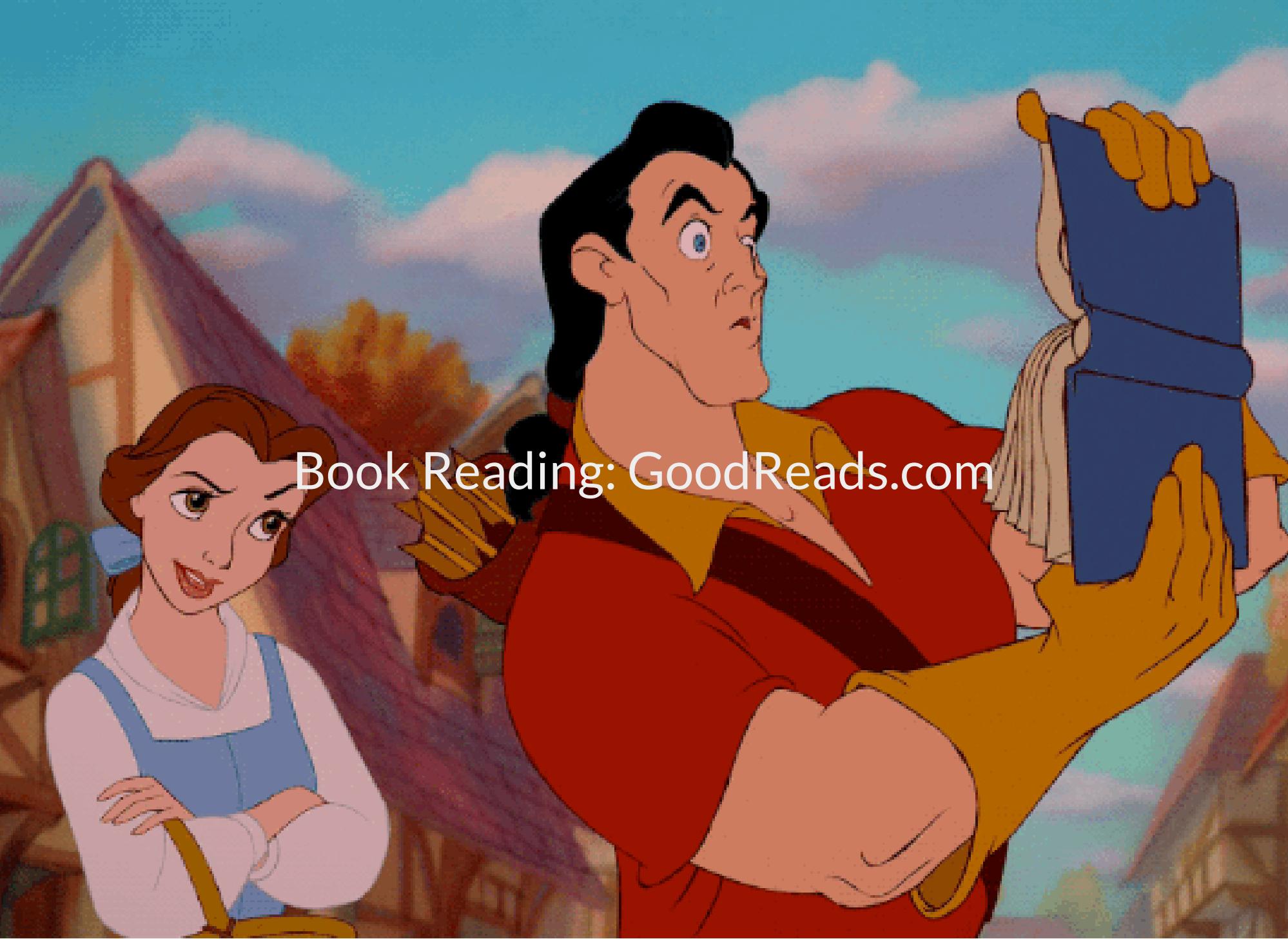
# A Year in Tasks & Projects: 2017

I completed **2137** tasks across **33** projects in 2017.





# Media Tracking

A scene from Disney's Beauty and the Beast. Belle, the young woman with brown hair and blue overalls, stands on the left, looking towards the right. The Beast, the large, hairy man with dark skin and long black hair, is seated on a chair, holding a large blue book in his hands. He is gesturing with his right hand towards the book. The background shows a rustic wooden building and trees with autumn-colored leaves under a blue sky with white clouds.

Book Reading: GoodReads.com

A fluffy white rabbit with brown ears and a brown nose is sitting on a dark surface. It is looking towards the right. To its right is a newspaper titled "The Financial Times". The headline on the newspaper reads "Digital Sector News Survey".

Article Reading: Pocket, Evernote...



Music Listening: Last.fm

TV and Movies with Trakt.tv

Solid State

Volume

Contrast

Bright



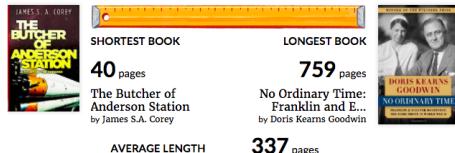
Panasonic

## Mark's Year in Books: 2017

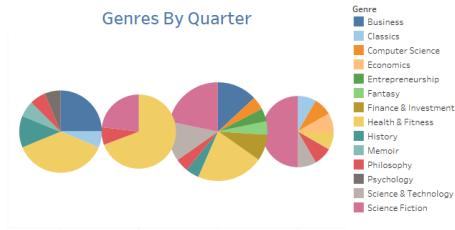


I read 21,687 pages across 62 books

### 2017 Reading Trends



### Genres By Quarter



## My Favorite Books of 2017

MY AVERAGE RATING FOR 2017: 3.8 (out of 5)



**Favorite Book on Science and Technology:**  
*The Inevitable* by Kevin Kelly

My Takeaway: Major technological trends are changing our selves and societies in subtle ways. Kelly paints a portrait of what tomorrow just might be like and how we can guide it.



**Favorite Sci-Fi Novel:**  
*The Three-Body Problem* by Liu Cixin

My Takeaway: Epic sci-fi novel that takes us on a cosmic journey into the heart of being human and perhaps being a *being*.



**Favorite Book on Entrepreneurship and Startups:**  
*Hot Seat: The Startup CEO Guidebook* by Dan Shapiro

My Takeaway: Shapiro offers a candid yet practical look at becoming a Startup CEO at a high-tech, speculative company. He offers tips and tale...



**Favorite Book on Entrepreneurship and Startups:**

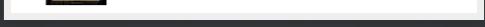
*Grit* by Angela Duckworth

My Takeaway: This book looks at how being 'gritty' helps us become great. It extends the research about having a "growth mindset" and "deliberate practice" can create so-called genius.



**Favorite History Book:**  
*No Ordinary Times* by Doris Kearns Goodwin

My Takeaway: Few couples shaped history and America like FDR and Eleanor. Kearns Goodwin crafts a wonderful tale of the moments and relationships that shaped a marriage and a nation.





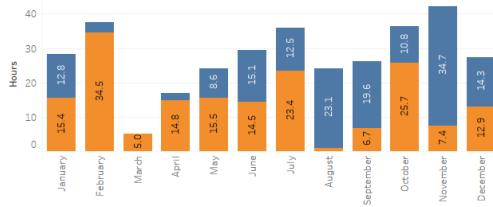
## TV and Movie Watching: 2017

I watched 13 days and 21 hours on TV and Movies.

That's 54 minutes of tv or movies per day.



**Monthly:** March was for Running, Studying, Working



**Favorite Movies of 2017:**

*Ex Machina (2015)*

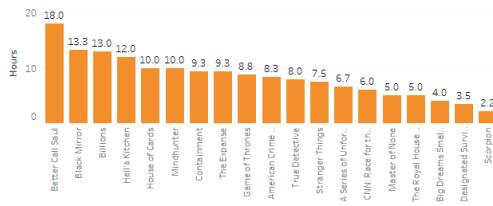
*Icarus (2017)*

*The Taking of Tiger Mountain (2015)*

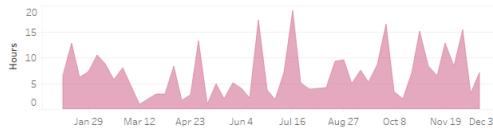


**Most Watched Shows:**

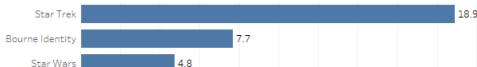
Favorite Shows in 2017: *Black Mirror* and *Mindhunter*



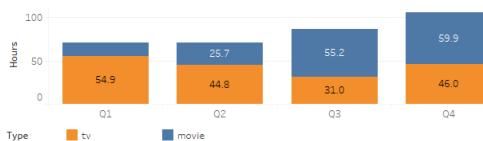
**Weekly:** Up and Downs = Bing Watcher



**Most Watched Movies in a Series**



**Quarterly:** Lots of End of Year TV and Movies





MISSING MEDIA TRACKING:

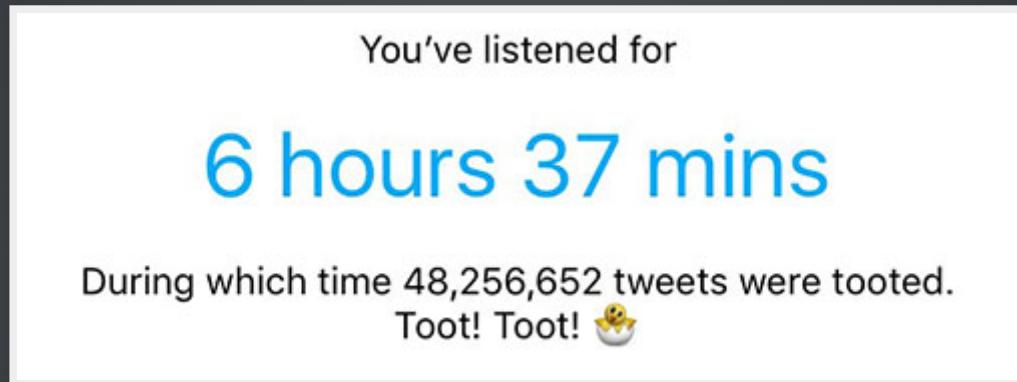
PODCASTS

Can I Track My Podcast Listening like GoodReads,  
Trakt.tv, or Last.Fm?



PROBLEM: WHAT ABOUT TRACKING MY PODCAST LISTENING? IS IT POSSIBLE? HOW?

# POCKET CAST APP



Limitations: No log of listening history, no export, no breakdown of stats.

There is currently no app or web service to track your  
podcast listening.

.

.

So let's build one!

# How I Built a Podcast Tracking Web App with Drupal

# The Prototype & The Scraper

## INITIAL FEATURE LIST

1. Basic data structure around Podcast Channels + Episodes
2. Sync and update list of podcast episodes from an RSS feed.
3. Logger to mark that you subscribe to a channel and that you listened to an episode.

# Starting Position: Panopoly Distro

## Panopoly

[View](#) [Version control](#)

Posted by [populist](#) on *16 March 2012*, updated *2 December 2017*

Panopoly is powerful base distribution of Drupal powered by lots of Chaos Tools and Panels magic. The distribution is designed to be both a general foundation for site building and a base framework upon which to build other Drupal distributions ([see Drupalcon Portland video](#)) or check out some of its key features ([see full list](#)):



- **Panels Powered** – Woven together functionality from [Panels](#), the Panels In-Place-Editor, [Fieldable Panel Panes](#), [PM Existing Pages](#), [Panelizer](#) and a lot of extra special sauce.
- **Responsive** – Over two dozen cross-browser, responsive layouts and several responsive image styles are included to aid in site building and allow your site to work seamlessly on mobile devices.
- **In-Place Page Building** – Drag and drop customization of pages and nodes. Easily switch layouts, modify Views and Panels settings, change styles, and add generic widgets to display text, images, links, maps, submenus, video and spotlights across your site. No backend administration required!
- **Admin Experience** – Vastly improved site and content management experience, featuring a redesigned node add/edit page and a fully loaded, media enabled TinyMCE WYSIWYG.
- **Apps Powered** – Panopoly can be extended through various Panopoly Apps delivered by the Panopoly App server.

To make everything happen, Panopoly bundles a [currated set of contributed modules](#) and [third party libraries](#) with its own custom modules including [Panopoly Admin](#), [Panopoly Core](#), [Panopoly Images](#), [Panopoly Magic](#), [Panopoly Pages](#), [Panopoly Search](#), [Panopoly Theme](#), [Panopoly Users](#), [Panopoly Widgets](#), and [Panopoly WYSIWYG](#).

# Content Type: Podcast Channel

Podcast [+ Create new](#)

[Edit](#) [Manage fields](#) [Manage display](#) [Comment fields](#) [Comment display](#)

Label	Machine name	Field type	Widget	Operations
>Title	title	Node module element		<a href="#">edit</a> <a href="#">delete</a>
Podcast Channel Image	field_podcast_channel_image	Image	Image	<a href="#">edit</a> <a href="#">delete</a>
Body	body	Long text and summary	Text area with a summary	<a href="#">edit</a> <a href="#">delete</a>
Feed	feeds	Feeds module form elements		
RSS Feed	field_rss_feed	Link	Link	<a href="#">edit</a> <a href="#">delete</a>
iTunes Link	field_itunes_link	Link	Link	<a href="#">edit</a> <a href="#">delete</a>
Podcast Publisher	field_podcast_publisher	Text	Text field	<a href="#">edit</a> <a href="#">delete</a>
Podcast Website	field_podcast_website	Link	Link	<a href="#">edit</a> <a href="#">delete</a>
Podcast Category	field_podcast_category	Term reference	Autocomplete term widget (tagging)	<a href="#">edit</a> <a href="#">delete</a>
Extract RSS Channel Info?	field_extract_from_rss	Boolean	Single on/off checkbox	<a href="#">edit</a> <a href="#">delete</a>

# Content Type: Podcast Channel

# Freakonomics Radio



---

**WNYC STUDIOS**

In their books "Freakonomics," "SuperFreakonomics" and "Think Like a Freak", Steven D. Levitt and Stephen J. Dubner explore "the hidden side of everything," telling stories about cheating schoolteachers and eating champions while teaching us all to think a bit more creatively, rationally, and productively. The Freakonomics Radio podcast, hosted by Dubner, carries on that tradition with weekly episodes. Prepare to be enlightened, engaged, perhaps enraged, and definitely surprised.

**RSS Feed:**

<http://feeds.feedburner.com/freakonomicsradio>

**iTunes Link:**

<https://itunes.apple.com/us/podcast/freakonomics-radio/id354668519>

**Podcast Publisher:**

Stephen J. Dubner and WNYC Studios

**Podcast Website:**

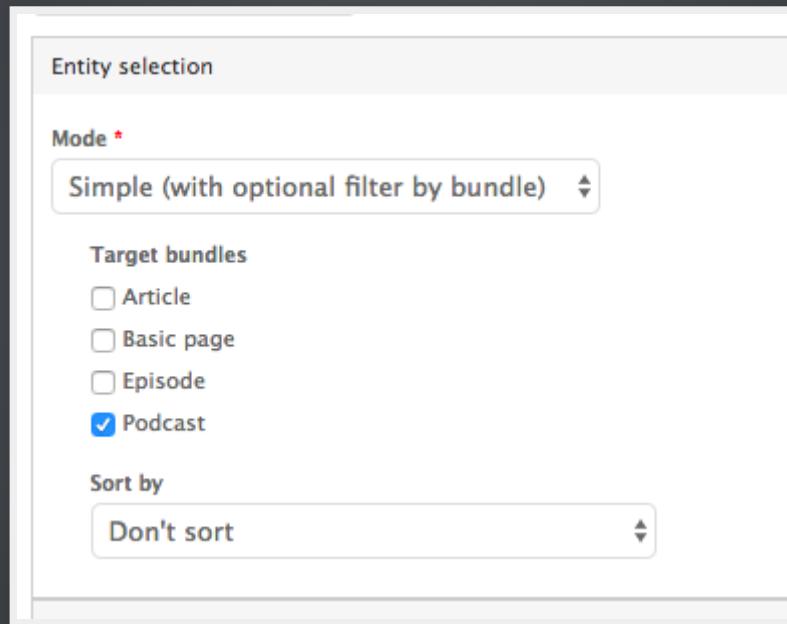
<http://www.wnyc.org/articles/freakonomics-podcast>

[Unsubscribe to Podcast](#)

# Content Type: Episode

Episode <span style="border: 1px solid #ccc; padding: 2px;">+</span>		Edit	Manage fields	Manage display	Comment fields	Comment display
Label	Machine name	Field type	Widget	Operations		
⊕ Title	title	Node module element				
⊕ Body	body	Long text and summary	Text area with a summary	<a href="#">edit</a>	<a href="#">delete</a>	
⊕ Podcast Audio	field_podcast_audio	Multimedia asset	Media browser	<a href="#">edit</a>	<a href="#">delete</a>	
⊕ Source Link	field_source_link	Link	Link	<a href="#">edit</a>	<a href="#">delete</a>	
⊕ Podcast	field_podcast_	Entity Reference	Autocomplete	<a href="#">edit</a>	<a href="#">delete</a>	
⊕ Interval	field_interval	Interval	Interval and Period	<a href="#">edit</a>	<a href="#">delete</a>	
⊕ Hour Minutes Seconds	field_hour_minutes_seconds	Hours Minutes and Seconds	Hour Minutes and Seconds	<a href="#">edit</a>	<a href="#">delete</a>	
⊕ Episode Date Published	field_episode_date_published	Date	Text field	<a href="#">edit</a>	<a href="#">delete</a>	
⊕ iTunes Duration	field_duration_itunes	Text	Text field	<a href="#">edit</a>	<a href="#">delete</a>	
⊕ Pub Date Raw	field_pub_date_raw	Text	Text field	<a href="#">edit</a>	<a href="#">delete</a>	
⊕ Episode Image	field_episode_image	Multimedia asset	Media browser	<a href="#">edit</a>	<a href="#">delete</a>	
⊕ Podcast Parent NID	field_parent_nid	Text	Text field	<a href="#">edit</a>	<a href="#">delete</a>	
⊕ Computed Duration	field_computed_duration	Computed	Computed	<a href="#">edit</a>	<a href="#">delete</a>	

# Entity Reference: Episode => Podcast



## Storing Duration? Options...

- <https://www.drupal.org/project/interval>
- [https://www.drupal.org/project/hms\\_field](https://www.drupal.org/project/hms_field)

# Episode Page

## #508: A Bet On The Future Of Humanity

A biologist predicts a population bomb that will lead to global catastrophe. An economist sees a limitless future for mankind. The result is one of the most famous bets in economics.

**Hour Minutes Seconds:** 0:20:15

**Episode Date Published:** Friday, January 19, 2018 - 20:29

Planet Money



# Flag: Subscriptions and Listens

Flags   [+ Add flag](#) [+ Import](#) [+ Export](#) [+](#)

This page lists all the *flags* that are currently defined on this system.

Flag	Flag type	Roles	Entity bundles	Global?	Operations
Podcast Subscription (Machine name: podcast_subscription)	node	authenticated user	podcast	No	<a href="#">edit</a> <a href="#">manage fields</a> <a href="#">delete</a> <a href="#">export</a>
Listened (Machine name: listened)	node	authenticated user	episode	No	<a href="#">edit</a> <a href="#">manage fields</a> <a href="#">delete</a> <a href="#">export</a>

[Save flag order](#)

Lists of flagged content can be displayed using views. You can configure these in the [Views administration section](#). The [Flag module handbook](#) contains extensive [documentation on creating customized views](#) using flags.

Flagging an item may trigger [actions](#). However, you don't have the [Flag actions module enabled](#), so you won't be able to enjoy this feature.

Flagging an item may trigger [rules](#).

To learn about the various ways to use flags, please check out the [Flag module handbook](#).

# Flag: Logging an Episode Listen

## What Does a C.E.O. Actually Do?

They're paid a fortune — but for what, exactly? What makes a good C.E.O. — and how can you even tell? Is "leadership science" a real thing — or just airport-bookstore mumbo jumbo? We put these questions to Mark Zuckerberg, Richard Branson, Indra Nooyi, Satya Nadella, Jack Welch, Ray Dalio, Carol Bartz, David Rubenstein, and Ellen Pao. (Part 1 of a special series, "The Secret Life of C.E.O.'s.")

### Source Link:

<http://www.wnyc.org/story/what-does-ceo-actually-do/>

**Episode Date Published:** Thursday, January 18, 2018 - 04:00

Freakonomics Radio



WNYC STUDIOS

Are you sure you want to add this item?

### Date Listened

#### Date

01/22/2018

E.g., 01/22/2018

#### Time

08:15

E.g., 08:15

[Listened to this item](#)

[Cancel](#)

# Importing with Feeds: Podcast RSS creates Episodes

Episode Importer from Podcast Content Type [+](#)

[Edit](#) [Export](#) [Clone](#) [Delete](#) [Tamper](#)

Basic settings		Mapping for Node processor	Help
Attached to:	Podcast <a href="#">Settings</a>	Define which elements of a single item of a feed (= <i>Sources</i> ) map to which content pieces in Drupal (= <i>Targets</i> ). Make sure that at least one definition has a <i>Unique target</i> . A unique target means that a value for a target can only occur once. E. g. only one item with the URL <a href="http://example.com/content/1">http://example.com/content/1</a> can exist.	
Periodic import:	every 3 days		
Do not import on submission			
Fetcher	<a href="#">Change</a>		
HTTP Fetcher <a href="#">Settings</a>		Source Target <a href="#">+</a>	
Download content from a URL.		Title (title) Title (title)	
Parser	<a href="#">Change</a>	Description (description) Body (body)	
XML Xpath parser <a href="#">Settings</a>		Link (link) Source Link: URL (field_source_li	
Parse XML with XPath.		iTunesDuration (itunesduration) iTunes Duration (field_duration_i	
Processor	<a href="#">Change</a>	pubDate (pubdate) Pub Date Raw (field_pub_date_ra	
Node processor <a href="#">Settings</a>	Mapping	pubDate (pubdate) Episode Date Published (field_ep	
Create and update nodes.			

# Python Scraper: Importing Initial Directory of Podcasts

# Import Podcasts with RSS Feeds

Podcast OPML Importer [+](#)

Edit Export Clone Delete Tamper

Basic settings	
Attached to: [none]	<a href="#">Settings</a>
Periodic import: off	
Import on submission	
Fetcher	
<a href="#">File upload</a>	<a href="#">Settings</a>
Upload content from a local file.	
Parser	
<a href="#">OPML parser</a>	<a href="#">Change</a>
Parse OPML files.	
Processor	
<a href="#">Node processor</a>	<a href="#">Settings</a>
Create and update nodes.	<a href="#">Mapping</a>

**Mapping for Node processor**

Define which elements of a single item of a feed (= *Sources*) map to which content pieces in Drupal (= *Targets*). Make sure that at least one definition has a *Unique target*. A unique target means that a value for a target can only occur once. E. g. only one item with the URL <http://example.com/content/1> can exist.

Source	Target	Target configuration
Feed title (title)	Title (title)	<input type="checkbox"/> Used as unique. <a href="#">Remove</a> <a href="#">⚙️</a>
Feed URL (xmlurl)	RSS Feed: URL (field_rss_feed:url)	<input type="checkbox"/> <a href="#">Remove</a>
Feed URL (xmlurl)	Feed source (feeds_source)	<input type="checkbox"/> Used as unique. <a href="#">Remove</a> <a href="#">⚙️</a>

- Select a source - [▼](#) - Select a target - [▼](#)

An element from the feed. The field that stores the data.

Custom Code to Process and Add Additional Podcast  
Data like cover image and other info from RSS Channel

# Custom Code to Better Parse RSS Episode Duration Info

# Custom Code to Import OPML

# Views: Listing of Subscribed Podcasts

## My Podcasts

Search by Podcast Title?

	Title		Latest Episode	iTunes Link	RSS Feed
	<a href="#">.future</a> View listing of all episodes	<a href="#">Unsubscribe to Podcast</a>	<b>Work in the .future</b> Published: 5 months 2 weeks ago		RSS Feed
	<a href="#">50 Things That Made the Modern Economy</a> View listing of all episodes	<a href="#">Unsubscribe to Podcast</a>	<b>How Louis Bachelier Scooped Economists by Half a Century</b> Published: 6 days 14 hours ago	<a href="#">iTunes Link</a>	RSS Feed
	<a href="#">60-Second Science</a> View listing of all episodes	<a href="#">Unsubscribe to Podcast</a>	<b>Moon's Tug Doesn't Cause Big Quakes</b> Published: 2 days 2 hours ago	<a href="#">iTunes Link</a>	RSS Feed
	<a href="#">99% Invisible</a> View listing of all episodes	<a href="#">Unsubscribe to Podcast</a>	<b>291- Thermal Delight</b> Published: 5 days 4 hours ago		RSS Feed
	<a href="#">a16z</a> View listing of all episodes	<a href="#">Unsubscribe to Podcast</a>	<b>a16z Podcast: Reinventing Food</b> Published: 1 week 2 days ago	<a href="#">iTunes Link</a>	RSS Feed
	<a href="#">All Songs Considered</a> View listing of all episodes	<a href="#">Unsubscribe to Podcast</a>	<b>New Music Friday For January 19</b> Published: 2 days 16 hours ago	<a href="#">iTunes Link</a>	RSS Feed
	<a href="#">Analyse Asia with Bernard Leong</a> View listing of all episodes	<a href="#">Unsubscribe to Podcast</a>	<b>Episode 231: What makes Digital Experience in China unique? with Chenyu Zheng</b> Published: 22 hours 50 min ago		RSS Feed

# Views: Listing of Latest Episodes from Subscribed Podcasts



## Podcast Listening Stats

Track Your Podcast Listening, Share the Best Episodes with Friends

Home My Latest Episodes My Podcasts My Listens My Listening Time: By Podcast

Home

### Recent episodes from My Subscribed Podcasts

Search by Episode Title?  Apply

	Podcast	Episode Date Published	
<a href="#">What Is Clean Meat? Paul Shapiro On The Future of Food</a> "We shall escape the absurdity of growing a whole chicken in order to eat the breast or wing, by growing..."	The Rich Roll Podcast	Monday, January 22, 2018 - 09:00	<a href="#">Listened to this item</a>
<a href="#">Catherine Hoke — The Master of Second Chances</a> Catherine Hoke (@catherine_hoke) is the founder of <a href="#">Defy Ventures</a> , a national nonprofit organization that "transforms the hustle" of currently and formerly incarcerated people.	The Tim Ferriss Show	Monday, January 22, 2018 - 05:38	<a href="#">Listened to this item</a>
<a href="#">Des coups pour éduquer? - 21.01.2018</a> Les coups, claques et fessées ont longtemps fait partie intégrante de l'éducation des enfants. Largement remis en question ces dernières décennies, plusieurs pays ont totalement interdits ces châtiments corporels. Cette "violence éducative" a-t-elle encore un sens aujourd'hui? Bilan avec Daniel Delanoë, psychiatre et anthropologue, chercheur associé à l'Inserm et auteur de l'ouvrage "Les châtiments corporels de l'enfant" (éditions Erès).	Tribu - La 1ere	Monday, January 22, 2018 - 05:03	<a href="#">Listened to this item</a>

# Views: Listens (+ export)

## Recent Podcast Listens



Episode Search?

Apply

Title	Podcast	Hour Minutes Seconds	Date Listened
#508: A Bet On The Future Of Humanity	Planet Money	0:20	Sun, 2018-01-21 12:00
#818: The Problem Of The Root	Planet Money	0:22	Sat, 2018-01-20 16:15
Making Data Simple: What's next in the world of data & analytics with Seth Dobrin (part 1)	IBM Analytics Insights Podcasts		Sat, 2018-01-20 10:00
Friday, January 19th, 2018	Up First	0:14	Sat, 2018-01-20 09:00
The Case For Earmarks	The Indicator : NPR		Thu, 2018-01-18 10:00
Wednesday, January 17th, 2018	Up First	0:15	Thu, 2018-01-18 09:45
Tuesday, January 16th, 2018	Up First	0:14	Wed, 2018-01-17 10:30
Stonyfield Yogurt: Gary Hirshberg	How I Built This with Guy Raz	1:01	Tue, 2018-01-16 22:15
How Louis Bachelier Scooped Economists by Half a Century	50 Things That Made the Modern Economy	0:09	Tue, 2018-01-16 22:00
LinkedIn: Reid Hoffman	How I Built This with Guy Raz	0:43	Tue, 2018-01-16 11:30
Monday, January 15th, 2018	Up First	0:13	Tue, 2018-01-16 09:45
The Recession Predictor	The Indicator : NPR		Sun, 2018-01-14 16:30
Friday, January 12th, 2018	Up First	0:13	Sat, 2018-01-13 11:30
How to Be a Modern Democrat — and Win	Freakonomics Radio	0:38	Sat, 2018-01-13 00:45
Thursday, January 11th, 2018	Up First	0:13	Fri, 2018-01-12 11:30
#369: The Scientific Secrets of Perfect Timing	The Art of Manliness	0:41	Fri, 2018-01-12 02:00
Work in the .future	.future	0:21	Fri, 2018-01-12 01:15
There's No Place Like a Smart Home	Trailblazers with Walter Isaacson	0:32	Thu, 2018-01-11 13:30
Mongoose Societies are Skeptical of Strangers	60-Second Science	0:03	Thu, 2018-01-11 11:00

# Views: My Total Listening Time

The screenshot shows a web-based application titled "Podcast Listening Stats" with a dark blue header. On the left is a white icon of a speaker with three curved lines above it. The main title "Podcast Listening Stats" is in white, bold font. Below it is a subtitle in a smaller, italicized font: "Track Your Podcast Listening, Share the Best Episodes with Friends". A navigation bar below the header contains five items: "Home" (selected), "My Latest Episodes", "My Podcasts", "My Listens", and "My Listening Time: By Podcast". The main content area has a light gray background. It displays the text "My Total Podcast Listening Time" in large, bold, black font, followed by "13 days, 8 hours and 30 minutes" in a slightly smaller black font. There is a large, empty white rectangular box below this text.

Podcast Listening Stats

*Track Your Podcast Listening, Share the Best Episodes with Friends*

Home   My Latest Episodes   My Podcasts   My Listens   My Listening Time: By Podcast

My Total Podcast Listening Time  
13 days, 8 hours and 30 minutes

# Views: My Total Listening Time

Total Listened To (Content) [+](#)

Modify the display(s) of your view below or add new displays.

**Displays**

[Page](#) [Page](#) **Block** [Page](#) [Page](#) [Data export](#) [+ Add](#) [edit view name/description](#)

**Block details**

Display name: Block [clone Block](#)

**Title**  
Title: [My Total Podcast Listening Time](#)

**Format**  
Format: [Unformatted list](#) / [Settings](#)  
Show: [Fields](#) / [Settings](#)

**Fields** [Add](#)  
[SUM\(Content: Hour Minutes Seconds\)](#) | [Aggregation settings](#)

**Filter criteria** [Add](#)  
[Content: Published \(Yes\)](#) | [Aggregation settings](#)  
[Content: Type \(= Episode\)](#) | [Aggregation settings](#)

**Sort criteria** [Add](#)  
[SUM\(Content: Hour Minutes Seconds\) \(desc\)](#) | [Aggregation settings](#)

**Block settings**  
Block name: [None](#)  
Access: [Role](#) | [authenticated user](#)

**Header** [Add](#)

**Footer** [Add](#)

**Pager**  
Use pager: [Display all items](#) / [All items](#)  
More link: [No](#)

**Advanced**

**Contextual filters** [Add](#)

**Relationships** [Add](#)

Flags: listened (by current user)

**No results behavior** [Add](#)

**Exposed form**  
Exposed form style: [Basic](#) | [Settings](#)

**Other**  
Machine Name: [block\\_1](#)  
Comment: [No comment](#)  
Use AJAX: [No](#)  
Hide attachments in summary: [No](#)  
Hide contextual links: [No](#)  
Use aggregation: [Yes](#)

# Views: Listens by Channel



WNYC STUDIOS

Freakonomics Radio

Duration: 28:27

Episodes 42



Ben Greenfield Fitness: Diet, Fat Loss and Performance

Duration: 11:52

Episodes 10



Trailblazers with Walter Isaacson

Duration: 9:47

Episodes 18



On Being with Krista Tippett

Duration: 8:34

Episodes 10



Masters of Scale with Reid Hoffman

Duration: 8:16

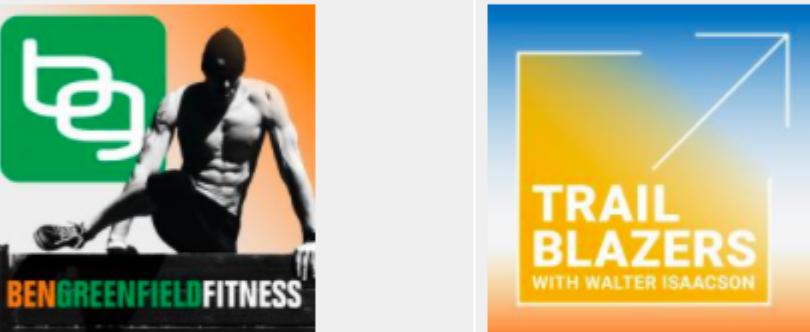
Episodes 11



Planet Money

Duration: 27:08

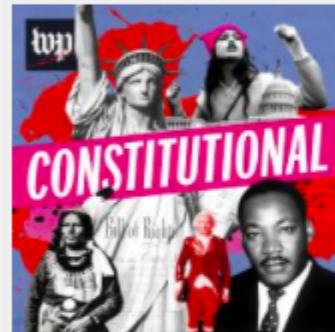
Episodes 81



Up First

Duration: 22:24

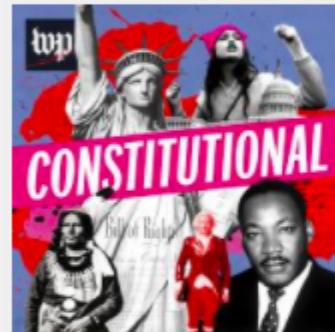
Episodes 106



Constitutional

Duration: 9:40

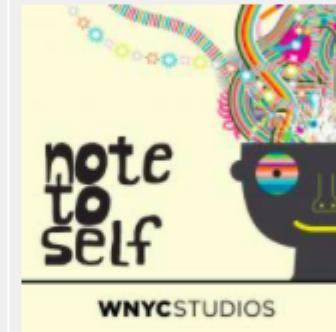
Episodes 12



The Art of Manliness

Duration: 12:34

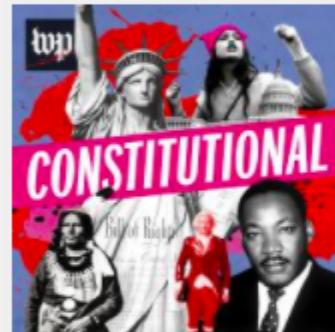
Episodes 16



Note to Self

Duration: 9:32

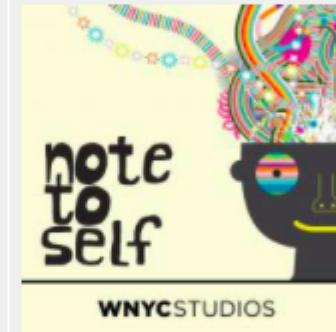
Episodes 29



50 Things That Made the Modern Economy

Duration: 7:08

Episodes 46



The Quantified Body

Duration: 6:35

Episodes 8

*For the Love of Cron*

# Cron Processes to Keep Things Up to Date

# More Site Features and Improvements

# RAW EXPORT OF MY PODCAST LISTENING

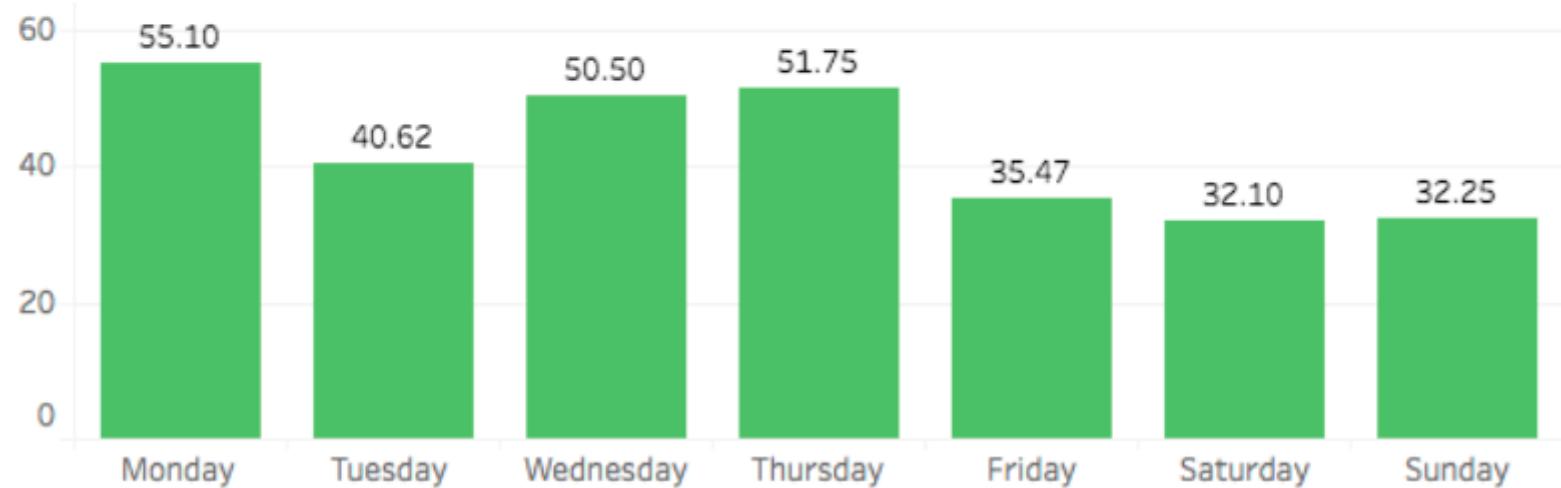
Title	Podcast	Hour Minutes Seconds	Date Listened
Mobility, Durability and Breathing with Sarah Jamieson - Part 1	The Elite HRV Podcast: Heart Rate Variability, Biohacking, and Performance	0:34	2017-02-23 17:00
Kind World #33: Secret Sisters	Kind World	0:07	2017-02-13 15:30
#585: In Defense of Ignorance	This American Life	1:01	2017-04-22 09:45
#582: When the Beasts Come Marching In	This American Life	1:03	2017-02-15 16:30
#579: My Damn Mind	This American Life	0:59	2017-03-13 16:30
Talking with Titans: A visit with Tim Ferriss reveals the tactics, routines, and habits of the world's top performers	The Tony Robbins Podcast	1:13	2017-01-04 17:30
#202: How Bad Do You Want It?	The Art of Manliness	0:58	2017-09-12 11:45
#524: Mr Jones' Act	Planet Money	0:17	2017-09-28 11:00
#654: When The Boats Arrive	Planet Money	0:15	2017-02-23 17:15
#652: The Hydrox Resurrection	Planet Money	0:18	2017-12-18 17:30
#648: The Benefits of Bankruptcy	Planet Money	0:20	2017-10-05 15:30
#647: Hard Work Is Irrelevant	Planet Money	0:19	2017-09-14 09:30
#629: Buy Low, Sell Prime	Planet Money	0:14	2017-07-28 22:45
#399: Can You Patent A Steak?	Planet Money	0:18	2017-10-02 16:00
#606: Spreadsheets!	Planet Money	0:20	2017-05-22 09:00
Thich Nhat Hanh, Cheri Maples, and Larry Ward – Being Peace in a Violent World	On Being with Krista Tippett	0:51	2017-02-11 10:30
Martin Sheen – Spirituality of Imagination	On Being with Krista Tippett	0:51	2017-06-25 02:45
Margaret Wertheim – The Grandeur and Limits of Science	On Being with Krista Tippett	0:51	2017-03-13 15:00
Patagonia: Yvon Chouinard	How I Built This with Guy Raz	0:27	2017-12-30 14:45
Instagram: Kevin Systrom & Mike Krieger	How I Built This with Guy Raz	0:29	2018-01-02 13:45
The Barcode	50 Things That Made the Modern Economy	0:08	2017-01-05 00:00
Concrete	50 Things That Made the Modern Economy	0:08	2017-01-02 14:00
How to Get More Grit in Your Life	Freakonomics Radio	0:44	2017-04-04 19:45
Messages From the Beyond	Note to Self	0:28	2017-01-05 20:00
If My Body is a Text	Note to Self	0:28	2017-02-06 14:30

# VISUALIZING: MY YEAR IN PODCAST LISTENING (2017 (1))

## My Podcast Listening: 2017

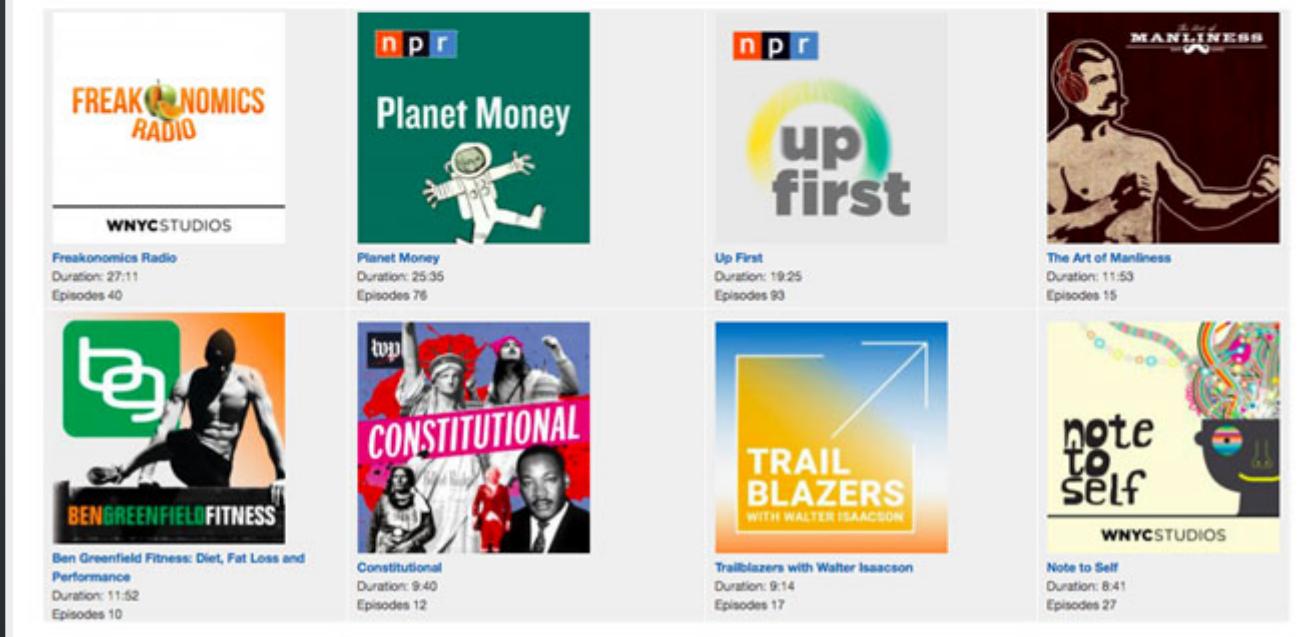
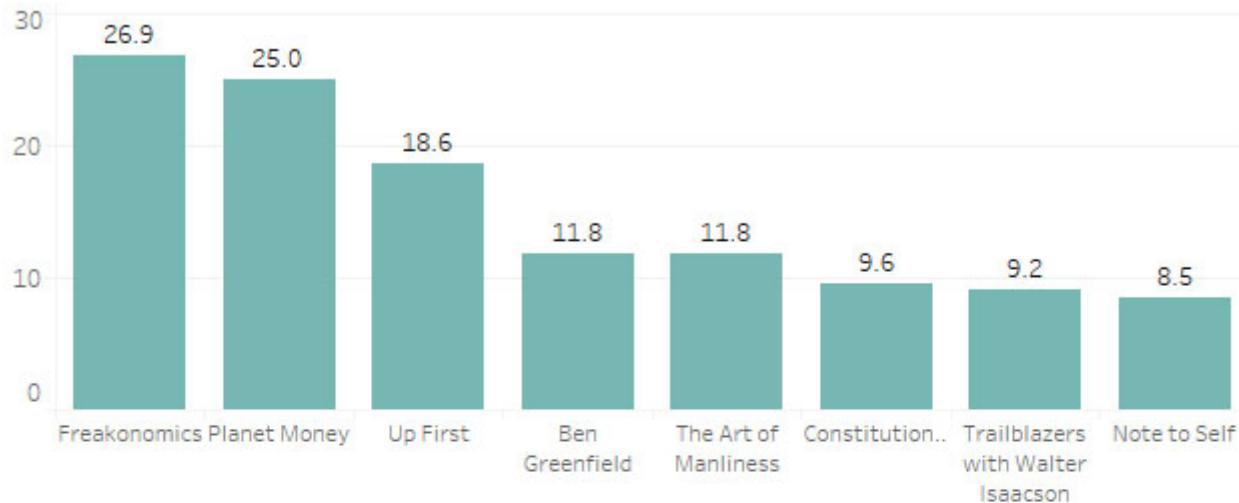
I listened to **298** hours and **689** podcast episodes.

I consumed **49 minutes** of podcasts per day.

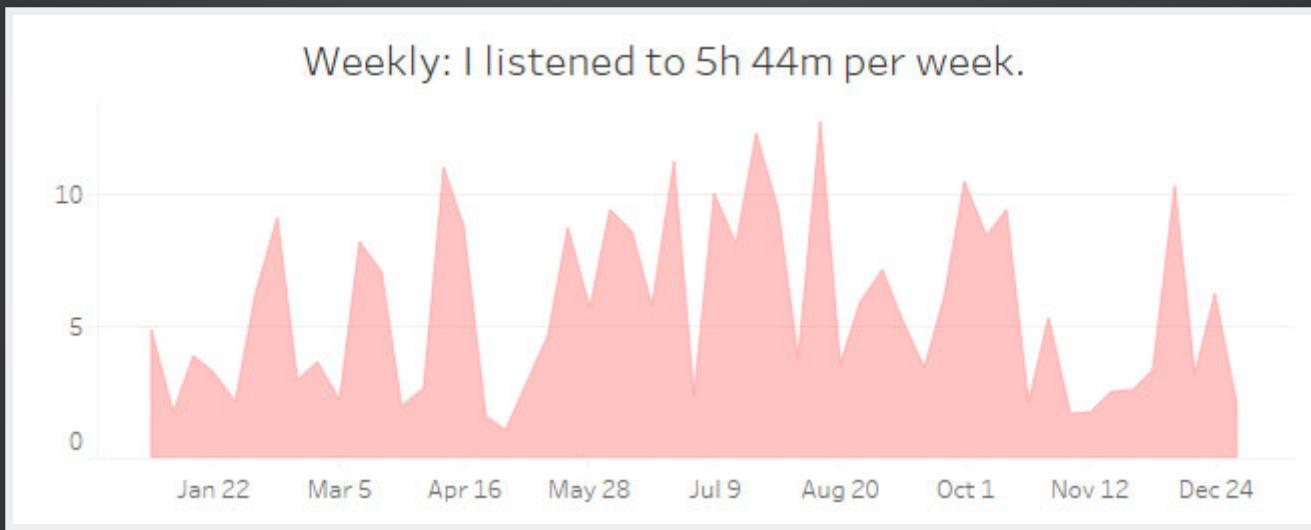


# VISUALIZING: MY YEAR IN PODCAST LISTENING (2017 (2))

## My Top 8 Podcasts (by Listened Time)



## VISUALIZING: MY YEAR IN PODCAST LISTENING (2017 (2))



# FUTURE FEATURES

- Improved / Custom Design
- API First?
- Drupal 8?
- Mobile App with React Native



PodcastTracker.com:  
**WHAT I'VE LEARNED?**

# DEVELOPMENT TIME

The initial version took about 20 hours to build, and since then I've spent about another 20-30 hours of development.

# STATS LOGGED

As of early Jan 2018, over 300 *days* worth of podcast listening has been logged.



PodcastTracker.com:  
**WHAT I'VE LEARNED?**

# WHERE CAN YOU FIND ME?

- Personal Blog: [www.markwk.com](http://www.markwk.com)
- Linkedin: [linkedin.com/in/markwkoester](https://linkedin.com/in/markwkoester)
- Github: [markwk](https://github.com/markwk)
- Professional Portfolio: [Int3c.com/portfolio](http://Int3c.com/portfolio)
- Twitter: [@markwkoester](https://twitter.com/@markwkoester)

**AVAILABLE FOR HIRE:**

Builder for Web and Mobile, Drupal Dev, CTO, Technology Consultant